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1.4 jaxb-api 2.3.1

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1.5 feign-hystrix 10.10.1

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* /opt/ws_local/PERMITS_SQL/1081992530_1597853306.27/0/feign-hystrix-10-10-1-sources-jar/feign/hystrix/SetterFactory.java
* /opt/ws_local/PERMITS_SQL/1081992530_1597853306.27/0/feign-hystrix-10-10-1-sources-jar/feign/hystrix/HystrixFeign.java
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1.6 d3 3.5.17

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*/opt/cola/permits/1142745038_1615475708.48/0/spring-instrument-5-2-7-release-sources-1-jar/org/springframework/instrument/InstrumentationSavingAgent.java
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1.9 asm-commons 8.0.1

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* version.

*

```
* @param classVisitor a { @link ClassVisitor } to which this visitor will delegate calls.
* @throws IllegalStateException If a subclass calls this constructor.
*/
```

Found in path(s):

```
* /opt/cola/permits/1092522682_1601878538.99/0/asm-commons-8-0-1-sources-
jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java
No license file was found, but licenses were detected in source scan.
```

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// this software without specific prior written permission.
/**
 * Constructs a new { @link GeneratorAdapter }. <i>Subclasses must not use this constructor</i>.
 * Instead, they must use the { @link #GeneratorAdapter(int, MethodVisitor, int, String, String) }
 * version.
 *
 * @param methodVisitor the method visitor to which this adapter delegates calls.
 * @param access the method's access flags (see { @link Opcodes }).
 * @param name the method's name.
 * @param descriptor the method's descriptor (see { @link Type }).
 * @throws IllegalStateException if a subclass calls this constructor.
*/
```

Found in path(s):

```
* /opt/cola/permits/1092522682_1601878538.99/0/asm-commons-8-0-1-sources-
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```

```
/**
 * Constructs a new { @link LocalVariablesSorter}. <i>Subclasses must not use this constructor</i>.
 * Instead, they must use the { @link #LocalVariablesSorter(int, int, String, MethodVisitor)}
 * version.
 *
 * @param access access flags of the adapted method.
 * @param descriptor the method's descriptor (see { @link Type}).
 * @param methodVisitor the method visitor to which this adapter delegates calls.
 * @throws IllegalStateException if a subclass calls this constructor.
 */
```

Found in path(s):

```
* /opt/cola/permits/1092522682_1601878538.99/0/asm-commons-8-0-1-sources-
jar/org/objectweb/asm/commons/LocalVariablesSorter.java
```

1.10 jetty-servlets 9.4.16.v20190411

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Eclipse

The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javafx.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.11 swagger 1.6.2

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1.12 jsp 5.5.12

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1.13 netty-codec-http 4.1.32.Final

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jar/io/netty/handler/codec/http2/Http2StreamChannelId.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-
jar/io/netty/handler/codec/http2/Http2StreamChannel.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-
jar/io/netty/handler/codec/http2/Http2MultiplexCodecBuilder.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-
jar/io/netty/handler/codec/http2/Http2FrameCodecBuilder.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-
jar/io/netty/handler/codec/http2/Http2UnknownFrame.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-
jar/io/netty/handler/codec/http2/DefaultHttp2UnknownFrame.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-
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jar/io/netty/handler/codec/http2/HpackDynamicTable.java
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* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/DefaultHttp2HeadersDecoder.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/EmptyHttp2Headers.java
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* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/DefaultHttp2ConnectionEncoder.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/package-info.java

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// <https://tools.ietf.org/html/rfc7540#section-8.1.2.2> makes a special exception for TE

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* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2FrameCodec.java

* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/DefaultHttp2HeadersFrame.java

* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2PingFrame.java

* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/DefaultHttp2DataFrame.java

* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2StreamFrameToHttpObjectCodec.java

* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/AbstractHttp2StreamFrame.java

* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2MultiplexCodec.java

* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/DefaultHttp2SettingsFrame.java

* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/DefaultHttp2WindowUpdateFrame.java

* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2FrameStreamVisitor.java

* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2ChannelDuplexHandler.java

* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/DefaultHttp2GoAwayFrame.java

* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-

jar/io/netty/handler/codec/http2/Http2HeadersFrame.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2WindowUpdateFrame.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2FrameStreamException.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/ReadOnlyHttp2Headers.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2ResetFrame.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/DefaultHttp2ResetFrame.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/InboundHttpToHttp2Adapter.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2FrameStream.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/DefaultHttp2PingFrame.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2DataFrame.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2GoAwayFrame.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2Frame.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2StreamFrame.java
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* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/UniformStreamByteDistributor.java

* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/StreamByteDistributor.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/DecoratingHttp2ConnectionEncoder.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/AbstractInboundHttp2ToHttpAdapterBuilder.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2PromisedRequestVerifier.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/DecoratingHttp2FrameWriter.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/StreamBufferingEncoder.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2StreamVisitor.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/WeightedFairQueueByteDistributor.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/DecoratingHttp2ConnectionDecoder.java
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* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/CharSequenceMap.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2ConnectionHandlerBuilder.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/HttpToHttp2ConnectionHandlerBuilder.java
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* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2FrameLogger.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2OutboundFrameLogger.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-jar/io/netty/handler/codec/http2/Http2InboundFrameLogger.java

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1.14 kryo-parent 4.0.2

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```

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* /opt/cola/permits/1001689035_1607385153.08/0/kryo-4-0-2-sources-jar/com/esotericsoftware/kryo/serializers/TaggedFieldSerializerConfig.java
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jar/com/esotericsoftware/kryo/util/IntMap.java
* /opt/cola/permits/1001689035_1607385153.08/0/kryo-4-0-2-sources-
jar/com/esotericsoftware/kryo/util/IdentityMap.java
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```

```
/** A few utility methods for using @link{sun.misc.Unsafe}, mostly for private use.
```

```
*/
```

```
* Use of Unsafe on Android is forbidden, as Android provides only a very limited functionality for this class
```

compared to the JDK

* version.

*

* @author Roman Levenstein <romixlev@gmail.com> */

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* /opt/cola/permits/1001689035_1607385153.08/0/kryo-4-0-2-sources-jar/com/esotericsoftware/kryo/util/UnsafeUtil.java

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* /opt/cola/permits/1001689035_1607385153.08/0/kryo-4-0-2-sources-jar/com/esotericsoftware/kryo/io/ByteBufferOutputStream.java
* /opt/cola/permits/1001689035_1607385153.08/0/kryo-4-0-2-sources-jar/com/esotericsoftware/kryo/util/ObjectMap.java
* /opt/cola/permits/1001689035_1607385153.08/0/kryo-4-0-2-sources-jar/com/esotericsoftware/kryo/io/KryoDataInput.java
* /opt/cola/permits/1001689035_1607385153.08/0/kryo-4-0-2-sources-jar/com/esotericsoftware/kryo/serializers/ClosureSerializer.java
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* /opt/cola/permits/1001689035_1607385153.08/0/kryo-4-0-2-sources-jar/com/esotericsoftware/kryo/ClassResolver.java
* /opt/cola/permits/1001689035_1607385153.08/0/kryo-4-0-2-sources-jar/com/esotericsoftware/kryo/serializers/UnsafeCachedFieldFactory.java
* /opt/cola/permits/1001689035_1607385153.08/0/kryo-4-0-2-sources-jar/com/esotericsoftware/kryo/io/InputChunked.java
* /opt/cola/permits/1001689035_1607385153.08/0/kryo-4-0-2-sources-jar/com/esotericsoftware/kryo/io/FastOutput.java
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* /opt/cola/permits/1001689035_1607385153.08/0/kryo-4-0-2-sources-
jar/com/esotericsoftware/kryo/serializers/FieldSerializerUnsafeUtilImpl.java
```

1.15 brave-instrumentation-kafka-clients

5.12.3

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1.16 spring-cloud-starter-stream-kafka

3.0.6.RELEASE

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1.17 python-requests 2.12.4

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1.18 guava 29.0-jre

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```
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ImmutableBiMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ImmutableMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ImmutableMapKeySet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ImmutableEntry.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Tables.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Table.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/TreeBasedTable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ImmutableMapEntrySet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/SingletonImmutableBiMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ImmutableListMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/EmptyImmutableListMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/UnmodifiableIterator.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ImmutableMap.java
```

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/RegularImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/RegularImmutableBiMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/StandardRowSortedTable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableMapValues.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/CollectPreconditions.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/PeekingIterator.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/Collections2.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableCollection.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/Platform.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/Range.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/HashBasedTable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/Serialization.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableSortedSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/StandardTable.java

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/primitives/ImmutableDoubleArray.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/primitives/ImmutableIntArray.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/hash/AbstractHashFunction.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/primitives/ImmutableLongArray.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/ForwardingCondition.java

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jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/reflect/TypeVisitor.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/io/CharSequenceReader.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/Utf8.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/AbstractTable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/VerifyException.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/HashingInputStream.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/Runnables.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/Verify.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/FilteredMultimapValues.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/eventbus/SubscriberExceptionHandler.java
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jar/com/google/common/graph/Graph.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/io/RecursiveDeleteOption.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/graph/MutableNetwork.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/graph/Network.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/graph/PredecessorsFunction.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/io/InsecureRecursiveDeleteException.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/TopKSelector.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/graph/MutableGraph.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/graph/ImmutableGraph.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/graph/SuccessorsFunction.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/graph/Graphs.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/graph/ImmutableNetwork.java

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/eventbus/SubscriberRegistry.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/math/Quantiles.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/eventbus/Dispatcher.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/eventbus/Subscriber.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/ListenerCallQueue.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/MoreObjects.java

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/*

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* the License.
*/
/**
* Holder for web specializations of methods of { @code Shorts}. Intended to be empty for regular
* version.
*/
```

Found in path(s):

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
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express
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* the License.
*/
/**
* Outer class that exists solely to let us write { @code Partially.GwtIncompatible } instead of plain
* { @code GwtIncompatible }. This is more accurate for { @link Futures#catching }, which is available
* under GWT but with a slightly different signature.
*
* <p>We can't use { @code PartiallyGwtIncompatible } because then the GWT compiler wouldn't recognize
* it as a { @code GwtIncompatible } annotation. And for { @code Futures.catching }, we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
* version.
*/

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/AsyncCallable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/LittleEndianByteArray.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/Platform.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-

```

jar/com/google/common/hash/MacHashFunction.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/AggregateFutureState.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/FarmHashFingerprint64.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ConsumingQueueIterator.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/io/ReaderInputStream.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/CombinedFuture.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/InterruptibleTask.java
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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/TransformedIterator.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/TreeRangeMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/TreeTraverser.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/DescendingImmutableSortedSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/SortedMultisetBridge.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/CompactHashSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/FilteredMultimap.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ForwardingBlockingDeque.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ForwardingImmutableList.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/CompactHashMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ForwardingNavigableSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/FilteredKeySetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/DescendingMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/TransformedListIterator.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ForwardingDeque.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/CompactLinkedHashMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/CompactLinkedHashSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/RangeMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ForwardingNavigableMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/UnmodifiableSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ForwardingImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/RegularImmutableAsList.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/AbstractMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableEnumMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ForwardingImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/FilteredEntrySetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/AllEqualOrdering.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/EvictingQueue.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/FilteredEntryMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/FilteredKeyListMultimap.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/AbstractNavigableMap.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/FilteredSetMultimap.java

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/Interners.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Functions.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/CountingInputStream.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Predicates.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/CharStreams.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Suppliers.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Supplier.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/eventbus/AsyncEventBus.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/AbstractFuture.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/primitives/Primitives.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/ListenableFuture.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/eventbus/EventBus.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Defaults.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/eventbus/AllowConcurrentEvents.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/MultiInputStream.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/HashBiMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Throwables.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/package-info.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/Resources.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/FinalizableReference.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/LittleEndianDataOutputStream.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/EnumMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/package-info.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Preconditions.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/package-info.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/DirectExecutor.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/eventbus/Subscribe.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Objects.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/Closeables.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Charsets.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/LineReader.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/FinalizablePhantomReference.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/FinalizableSoftReference.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/LineBuffer.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Predicate.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/ByteStreams.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Function.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/ExecutionList.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/CountingOutputStream.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/AbstractIterator.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/FinalizableWeakReference.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/eventbus/DeadEvent.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/FinalizableReferenceQueue.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/eventbus/package-info.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/Flushables.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/LittleEndianDataInputStream.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/Files.java

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/**

* Not supported. You are attempting to create a map that may contain a non-{@code Comparable}

* key. Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy

* version.

*

* @throws UnsupportedOperationException always

* @deprecated Pass a key of type {@code Comparable} to use {@link

* `ImmutableSortedMap#of(Comparable, Object)`.

*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/MultimapBuilder.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableMapEntry.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/MoreFiles.java

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/AbstractSequentialIterator.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/SortedMapDifference.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ForwardingSortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/RowSortedTable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/UnmodifiableListIterator.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ForwardingImmutableCollection.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ForwardingListMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ForwardingSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/MinMaxPriorityQueue.java

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/*

* This method was rewritten in Java from an intermediate step of the Murmur hash function in

* <http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp>, which contained the

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*

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*/

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/Hashing.java

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express
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* the License.
*/
/**
* Holder for web specializations of methods of { @code Ints }. Intended to be empty for regular
* version.
*/
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/IntsMethodsForWeb.java
```

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* the License.
*/
/**
* Holder for web specializations of methods of { @code Floats }. Intended to be empty for regular
* version.
*/
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/FloatsMethodsForWeb.java
```

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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/reflect/TypeToken.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/annotations/VisibleForTesting.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/ImmediateFuture.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/CaseFormat.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/AbstractCatchingFuture.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/TimeoutFuture.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/FakeTimeLimiter.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/AppendableWriter.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/escape/CharEscaperBuilder.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/AggregateFuture.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/PatternFilenameFilter.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/FuturesGetChecked.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/TimeLimiter.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-

jar/com/google/common/escape/CharEscaper.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/FluentFuture.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/Futures.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/CollectionFuture.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/AbstractTransformFuture.java
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```

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
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*/
```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/Streams.java

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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/html/package-info.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/FilteredKeyMultimap.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/escape/package-info.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/FileWriteMode.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/reflect/Invokable.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableRangeSet.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/xml/package-info.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/cache/LongAddable.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/reflect/TypeToInstanceMap.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/math/LinearTransformation.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/ListenableScheduledFuture.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/ServiceManager.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/SmoothRateLimiter.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/reflect/MutableTypeToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/RateLimiter.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/hash/LongAddables.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/ByteSource.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/hash/AbstractByteHasher.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/ByteSink.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/math/StatsAccumulator.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/math/Stats.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/reflect/package-info.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/reflect/AbstractInvocationHandler.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/reflect/Parameter.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/StandardSystemProperty.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/CartesianList.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/BaseEncoding.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/hash/LongAddable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableRangeMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/math/PairedStatsAccumulator.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/math/PairedStats.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/CharSource.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/hash/SipHashFunction.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/reflect/ClassPath.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/CharSink.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/reflect/Element.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/hash/ChecksumHashFunction.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/Closer.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/reflect/TypeCapture.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/cache/LongAddables.java

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableSortedAsList.java

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/hash/package-info.java

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jar/com/google/common/util/concurrent/ServiceManagerBridge.java
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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/AbstractRangeSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Count.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/RangeSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
```

jar/com/google/common/collect/ImmutableSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/SortedIterable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/GeneralRange.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/RegularImmutableSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/SortedIterables.java

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jar/com/google/common/base/Enums.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/ForwardingCache.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/Cache.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/AbstractLoadingCache.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/ForwardingLoadingCache.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/ForwardingExecutorService.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/HashCode.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/math/BigIntegerMath.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/net/HostAndPort.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-

jar/com/google/common/cache/CacheStats.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/ExecutionError.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/AbstractCache.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/RegularImmutableMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/BloomFilterStrategies.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/AbstractNonStreamingHashFunction.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/Funnels.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/WrappingExecutorService.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/AbstractSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/RemovalCause.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/RemovalListener.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/UnsignedLong.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/CacheLoader.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/UnsignedLongs.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/AbstractStreamingHasher.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/PrimitiveSink.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/BoundType.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/net/HttpHeaders.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/EmptyContiguousSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/RemovalListeners.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/RemovalNotification.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/Uninterruptibles.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-

jar/com/google/common/collect/RegularContiguousSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/reflect/TypeParameter.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/Weigher.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/Absent.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/Crc32cHashFunction.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
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jar/com/google/common/collect/Queues.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/Present.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/math/DoubleUtils.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/MessageDigestHashFunction.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/FutureCallback.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/Hashing.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/AsyncFunction.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/AbstractCompositeHashFunction.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/math/package-info.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/BloomFilter.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/TreeRangeSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/HashingOutputStream.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/CacheBuilderSpec.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/Murmur3_32HashFunction.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/math/DoubleMath.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/Hasher.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-

jar/com/google/common/cache/package-info.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/LoadingCache.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/Optional.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/net/MediaType.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/math/LongMath.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/AbstractHasher.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/HashFunction.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/ParseRequest.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/ForwardingListeningExecutorService.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/UnsignedInts.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/Funnel.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/FunctionalEquivalence.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/UnsignedInteger.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/AbstractScheduledService.java
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jar/com/google/common/reflect/Types.java
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jar/com/google/common/base/Ticker.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/math/IntMath.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/Murmur3_128HashFunction.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
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jar/com/google/common/collect/ImmutableBiMapFauxverideShim.java
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jar/com/google/common/collect/JdkBackedImmutableMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/ExecutionSequencer.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/JdkBackedImmutableSet.java

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jar/com/google/common/collect/GwtTransient.java

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- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/StandardValueGraph.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/EndpointPair.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/EndpointPairIterator.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/ImmutableValueGraph.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/GraphConnections.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/RangeGwtSerializationDependencies.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/ForwardingGraph.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/NetworkConnections.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/CollectCollectors.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/MultiEdgesConnecting.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/ValueGraphBuilder.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/UndirectedNetworkConnections.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/GraphConstants.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/AbstractNetwork.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/DirectedGraphConnections.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/DirectedMultiNetworkConnections.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/MapIteratorCache.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/AbstractGraph.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/ForwardingNetwork.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/MapRetrievalCache.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/UndirectedGraphConnections.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/AbstractGraphBuilder.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/StandardMutableValueGraph.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/Comparators.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/ElementOrder.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/DirectedNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/StandardNetwork.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/ForwardingValueGraph.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/NetworkBuilder.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/MoreCollectors.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/AbstractDirectedNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/StandardMutableGraph.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/StandardMutableNetwork.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/GraphBuilder.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/AbstractValueGraph.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/LinkedHashMultimapGwtSerializationDependencies.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/EdgesConnecting.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/MutableValueGraph.java

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*/

/**

* Holder for web specializations of methods of { @code Doubles}. Intended to be empty for regular version.

*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-

jar/com/google/common/primitives/DoublesMethodsForWeb.java
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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/graph/IncidentEdgeSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/CompactHashing.java
```

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```

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```
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/LinkedHashMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
```

jar/com/google/common/collect/NaturalOrdering.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/AbstractMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/AbstractBiMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingSortedMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/AbstractMapEntry.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Multisets.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/SingletonImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Iterators.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/MapDifference.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/UsingToStringOrdering.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/TreeMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/CompoundOrdering.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Ordering.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/SortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingObject.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingCollection.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Synchronized.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Sets.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ExplicitOrdering.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/AbstractMapBasedMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/TreeMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingSortedSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Multimaps.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Maps.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-

jar/com/google/common/collect/ForwardingQueue.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/package-info.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingIterator.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ClassToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ConcurrentHashMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/LinkedHashMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Interner.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ComparatorOrdering.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/AbstractIterator.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Multiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/BiMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ListMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingMapEntry.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/LexicographicalOrdering.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ImmutableList.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/MutableClassToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/AbstractSortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Lists.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/RegularImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/SetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/NullsLastOrdering.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/EnumHashBiMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-

jar/com/google/common/collect/AbstractListMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ReverseOrdering.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/EnumBiMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/HashMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/NullsFirstOrdering.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingConcurrentMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/AbstractSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Multimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingList.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/AbstractMapBasedMultiset.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ByFunctionOrdering.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Iterables.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/HashMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ReverseNaturalOrdering.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingListIterator.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/LinkedListMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ArrayListMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ForwardingMultiset.java

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- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/JdkBackedImmutableBiMap.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/IndexedImmutableSet.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/BaseImmutableMultimap.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/JdkBackedImmutableMap.java

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- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableSetMultimap.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableAsList.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableEnumSet.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ImmutableSortedMap.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ForwardingTable.java
- * /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-

jar/com/google/common/collect/RegularImmutableSortedSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/RegularImmutableList.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/DiscreteDomain.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/SingletonImmutableList.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/SingletonImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/EmptyImmutableSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ComputationException.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ImmutableClassToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ArrayTable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/ComparisonChain.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/AbstractIndexedListIterator.java
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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/ListenableFutureTask.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/Doubles.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/Chars.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-

jar/com/google/common/io/FileBackedOutputStream.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/net/PercentEscaper.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/CharMatcher.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/thirdparty/publicsuffix/TrieParser.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/Joiner.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/escape/Escaper.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/Bytes.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/Converter.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/Booleans.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/Stopwatch.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/Floats.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/FluentIterable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/SequentialExecutor.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/net/InetAddresses.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/Shorts.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/Ints.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/internal/Finalizer.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/io/MultiReader.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/escape/UnicodeEscaper.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/Longs.java
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*

* As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
* `java.util.HashMap` class.

*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/Striped.java

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/AtomicDoubleArray.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/LongAdder.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/hash/Striped64.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/LongAdder.java

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/Striped64.java

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/AbstractBaseGraph.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/BaseGraph.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/graph/Traverser.java

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/JdkPattern.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/CommonPattern.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/PatternCompiler.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/CommonMatcher.java

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/net/package-info.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/ContiguousSet.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/primitives/package-info.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/ListeningExecutorService.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/SortedLists.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Equivalence.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/Monitor.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/annotations/package-info.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Ascii.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/UncaughtExceptionHandler.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/annotations/Beta.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/Atomics.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Strings.java

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* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/RegularImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/JdkFutureAdapters.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/base/Platform.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/MapMakerInternalMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/ForwardingListenableFuture.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/DenseImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/collect/MapMaker.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/ByteArrayDataOutput.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/cache/CacheBuilder.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/net/HostSpecifier.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/SettableFuture.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/annotations/GwtCompatible.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/primitives/UnsignedBytes.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/xml/XmlEscapers.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/cache/LocalCache.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/io/LineProcessor.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/util/concurrent/ForwardingFluentFuture.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-jar/com/google/common/escape/Platform.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-

jar/com/google/common/util/concurrent/AbstractService.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/SparseImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/escape/Escapers.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/Splitter.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/primitives/SignedBytes.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/annotations/GwtIncompatible.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/reflect/TypeResolver.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/cache/ReferenceEntry.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/AbstractIdleService.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/escape/ArrayBasedCharEscaper.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/io/ByteProcessor.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/html/HtmlEscapers.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/Service.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/ForwardingFuture.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/util/concurrent/Callables.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/collect/Cut.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/net/InternetDomainName.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/io/ByteArrayDataInput.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/escape/ArrayBasedEscaperMap.java
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/net/UrlEscapers.java

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* or implied. See the License for the specific language governing permissions and limitations under
* the License.
*/
/**
* Holder for extra methods of { @code Objects } only in web. Intended to be empty for regular
* version.
*/

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-
jar/com/google/common/base/ExtraObjectsMethodsForWeb.java

```

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*/
/**
* Returns an array containing all of the elements in the specified collection. This method
* returns the elements in the order they are returned by the collection's iterator. The returned
* array is "safe" in that no references to it are maintained by the collection. The caller is
* thus free to modify the returned array.
*
* <p>This method assumes that the collection size doesn't change while the method is running.
*
* <p>TODO(kevinb): support concurrently modified collections?
*
* @param c the collection for which to return an array of elements
*/

```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1068453676_1594389191.24/0/guava-29-0-jre-sources-2-  
jar/com/google/common/collect/ObjectArrays.java
```

1.19 accessors-smart 1.2

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```

Found in path(s):

```
* /opt/cola/permits/1135872825_1613621009.27/0/accessors-smart-1-2-sources-4-  
jar/net/minidev/asm/ASMUtil.java  
* /opt/cola/permits/1135872825_1613621009.27/0/accessors-smart-1-2-sources-4-  
jar/net/minidev/asm/BeansAccess.java  
* /opt/cola/permits/1135872825_1613621009.27/0/accessors-smart-1-2-sources-4-  
jar/net/minidev/asm/Accessor.java  
* /opt/cola/permits/1135872825_1613621009.27/0/accessors-smart-1-2-sources-4-  
jar/net/minidev/asm/DynamicClassLoader.java
```

1.20 attr 2.4.48 4

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1.25 xml-apis-ext 1.3.04

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<http://www.w3.org/TR/2004/REC-DOM-Level-3-Core-20040407/>
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The specification of DOM Level 2's various parts is at:

<http://www.w3.org/TR/2000/REC-DOM-Level-2-Events-20001113/>
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The specification of DOM Level 1's various parts is at:

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Links to all available W3C DOM Java Bindings can be found at:

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The actual classes of The Simple API for CSS (SAC) came from:

<http://www.w3.org/Style/CSS/SAC/>
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The actual DOM Java Language Binding classes for SMIL came from:

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1.27 javassist 3.22.0-CR2

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jar/javassist/bytecode/CodeAnalyzer.java
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jar/javassist/compiler/CodeGen.java
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jar/javassist/compiler/ast/Declarator.java
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jar/javassist/util/proxy/ProxyObject.java
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jar/javassist/bytecode/EnclosingMethodAttribute.java
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jar/javassist/bytecode/LineNumberAttribute.java
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jar/javassist/bytecode/CodeIterator.java
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jar/javassist/scopedpool/ScopedClassPoolRepository.java
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jar/javassist/compiler/ast/Stmnt.java
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jar/javassist/bytecode/annotation/NoSuchClassError.java
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jar/javassist/bytecode/stackmap/TypedBlock.java
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jar/javassist/convert/TransformNewClass.java

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jar/javassist/compiler/SymbolTable.java
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 * /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/tools/rmi/Proxy.java
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 jar/javassist/ByteArrayClassPath.java
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jar/javassist/compiler/CompileError.java
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jar/javassist/compiler/AccessorMaker.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
jar/javassist/util/proxy/SerializedProxy.java

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```
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Found in path(s):

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jar/javassist/bytecode/annotation/StringMemberValue.java
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jar/javassist/bytecode/annotation/LongMemberValue.java

1.28 libsepol 2.8 1

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1.29 safer-buffer 2.1.2

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1.30 jnr-x86asm 1.0.2

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1.31 json-smart 2.3

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- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-jar/net/minidev/json/writer/DefaultMapperOrdered.java
- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-jar/net/minidev/json/JSONStreamAware.java
- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-jar/net/minidev/json/writer/ArraysMapper.java
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- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-jar/net/minidev/json/JSONStreamAwareEx.java
- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-jar/net/minidev/json/JSONUtil.java
- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-jar/net/minidev/json/JSONValue.java
- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-jar/net/minidev/json/parser/JSONParserBase.java
- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-jar/net/minidev/json/parser/JSONParserInputStream.java
- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-jar/net/minidev/json/writer/JsonReader.java
- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-jar/net/minidev/json/writer/CompressorMapper.java
- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-jar/net/minidev/json/JSONStyle.java
- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-jar/net/minidev/json/JSONObject.java
- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-jar/net/minidev/json/parser/JSONParserMemory.java
- * /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-

jar/net/minidev/json/parser/JSONParserReader.java
* /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-
jar/net/minidev/json/writer/JsonReaderI.java
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jar/net/minidev/json/parser/JSONParserString.java
* /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-
jar/net/minidev/json/writer/CollectionMapper.java
* /opt/cola/permits/1135872708_1613620849.69/0/json-smart-2-3-sources-2-
jar/net/minidev/json/writer/DefaultMapperCollection.java
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jar/net/minidev/json/JSONAwareEx.java
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jar/net/minidev/json/writer/BeansMapper.java
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1.32 kryo 4.0.2

1.33 libsemanage 2.8-2

1.33.1 Available under license :

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1.34 spring-integration-kafka 3.2.1.RELEASE

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1.35 headline 8.0.4

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1.38 datatype 1.4.01

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The actual DOM Java Language Binding classes in xml-commons came from:
<http://www.w3.org/TR/2004/REC-DOM-Level-3-Core-20040407/java-binding.html>

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<http://www.w3.org/TR/2004/NOTE-DOM-Level-3-XPath-20040226/>

The specification of DOM Level 2's various parts is at:
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Events-20001113/>
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Style-20001113/>
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Traversal-Range-20001113/>
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Views-20001113/>

The specification of DOM Level 1's various parts is at:
<http://www.w3.org/TR/1998/REC-DOM-Level-1-19981001/level-one-html.html>

Links to all available W3C DOM Java Bindings can be found at:
<http://www.w3.org/DOM/DOMTR>

The actual classes of The Simple API for CSS (SAC) came from:
<http://www.w3.org/Style/CSS/SAC/>
<http://www.w3.org/2002/06/sacjava-1.3.zip>

The actual DOM Java Language Binding classes for SMIL came from:
<http://dev.w3.org/cvsweb/java/classes/org/w3c/dom/smil/>

(both ElementTimeControl.java and TimeEvent.java were taken at revision 1.1)

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1.40 logback-core 1.2.3

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jar/com/kenai/constantine/Constant.java
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1.44 jetty-plus 9.4.29.v20200521

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Eclipse

The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.45 spring-retry 1.2.5.RELEASE

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* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/backoff/ExponentialRandomBackOffPolicy.java

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* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/annotation/AnnotationAwareRetryOperationsInterceptor.java
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* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/classify/BinaryExceptionClassifier.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/policy/SimpleRetryPolicy.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/classify/SubclassClassifier.java
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* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/annotation/Backoff.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/annotation/EnableRetry.java
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* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/stats/RetryStatisticsFactory.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/stats/StatisticsListener.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/stats/DefaultStatisticsRepository.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/stats/ExponentialAverageRetryStatistics.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/stats/DefaultRetryStatisticsFactory.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/stats/DefaultRetryStatistics.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/stats/StatisticsRepository.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/stats/MutableRetryStatistics.java

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jar/org/springframework/retry/interceptor/FixedKeyGenerator.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-
jar/org/springframework/retry/policy/CircuitBreakerRetryPolicy.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-
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* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/classify/util/MethodResolver.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/classify/util/MethodInvoker.java

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* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/annotation/RetryConfiguration.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/backoff/ThreadWaitSleeper.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-

jar/org/springframework/retry/annotation/Retryable.java
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jar/org/springframework/retry/interceptor/Retryable.java
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jar/org/springframework/retry/backoff/NoBackOffPolicy.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-
jar/org/springframework/retry/policy/ExceptionClassifierRetryPolicy.java
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* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-
jar/org/springframework/retry/ExhaustedRetryException.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-
jar/org/springframework/retry/policy/RetryCacheCapacityExceededException.java
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jar/org/springframework/classify/PatternMatchingClassifier.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-
jar/org/springframework/classify/annotation/Classifier.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-
jar/org/springframework/classify/BackToBackPatternClassifier.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-
jar/org/springframework/retry/support/RetrySimulator.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-
jar/org/springframework/retry/policy/SoftReferenceMapRetryContextCache.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-
jar/org/springframework/retry/interceptor/NewMethodArgumentsIdentifier.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-
jar/org/springframework/retry/RetryPolicy.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/classify/ClassifierSupport.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/policy/MapRetryContextCache.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/RecoveryCallback.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/backoff/BackOffInterruptedException.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/classify/Classifier.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/backoff/SleepingBackOffPolicy.java

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* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/interceptor/MethodArgumentsKeyGenerator.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/classify/PatternMatcher.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/RetryContext.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/policy/CompositeRetryPolicy.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/RetryListener.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/policy/TimeoutRetryPolicy.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/interceptor/MethodInvocationRecoverer.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/classify/ClassifierAdapter.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/RetryState.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/TerminatedRetryException.java

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* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/backoff/Sleeper.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/backoff/BackOffContext.java

* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/backoff/BackOffPolicy.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/policy/NeverRetryPolicy.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/RetryException.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/backoff/StatelessBackOffPolicy.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/RetryOperations.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/support/RetrySynchronizationManager.java
* /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/support/DefaultRetryState.java

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- * /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/backoff/UniformRandomBackOffPolicy.java
- * /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/context/RetryContextSupport.java
- * /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/support/RetryTemplate.java
- * /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/backoff/FixedBackOffPolicy.java
- * /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/backoff/ExponentialBackOffPolicy.java

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- * /opt/cola/permits/1135864284_1613618157.58/0/spring-retry-1-2-5-release-sources-1-jar/org/springframework/retry/annotation/RecoverAnnotationRecoveryHandler.java

1.46 jctools-core 2.1.1

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1.50 grep 3.3 1

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1.51 aop-alliance 2.5.0

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1.52 jul-to-slf4j 1.7.30

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jar/org/slf4j/bridge/SLF4JBridgeHandler.java
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1.53 jakarta-servlet-api 4.0.3

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compiler/cpp/src/generate/t_cpp_generator.cc
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compiler/cpp/src/generate/t_erl_generator.cc
compiler/cpp/src/generate/t_hs_generator.cc
compiler/cpp/src/generate/t_java_generator.cc
compiler/cpp/src/generate/t_ocaml_generator.cc
compiler/cpp/src/generate/t_perl_generator.cc
compiler/cpp/src/generate/t_php_generator.cc
compiler/cpp/src/generate/t_py_generator.cc
compiler/cpp/src/generate/t_rb_generator.cc
compiler/cpp/src/generate/t_st_generator.cc
compiler/cpp/src/generate/t_xsd_generator.cc
compiler/cpp/src/main.cc
compiler/cpp/src/parse/t_field.h
compiler/cpp/src/parse/t_program.h
compiler/cpp/src/platform.h
compiler/cpp/src/thriftl.ll
compiler/cpp/src/thrift.y
lib/csharp/src/Protocol/TBinaryProtocol.cs
lib/csharp/src/Protocol/TField.cs
lib/csharp/src/Protocol/TList.cs
lib/csharp/src/Protocol/TMap.cs
lib/csharp/src/Protocol/TMessage.cs
lib/csharp/src/Protocol/TMessageType.cs
lib/csharp/src/Protocol/TProtocol.cs
lib/csharp/src/Protocol/TProtocolException.cs
lib/csharp/src/Protocol/TProtocolFactory.cs
lib/csharp/src/Protocol/TProtocolUtil.cs
lib/csharp/src/Protocol/TSet.cs
lib/csharp/src/Protocol/TStruct.cs
lib/csharp/src/Protocol/TType.cs
lib/csharp/src/Server/TServer.cs
lib/csharp/src/Server/TSimpleServer.cs
lib/csharp/src/Server/TThreadPoolServer.cs
lib/csharp/src/TApplicationException.cs
lib/csharp/src/Thrift.csproj
lib/csharp/src/Thrift.sln
lib/csharp/src/TProcessor.cs
lib/csharp/src/Transport/TServerSocket.cs
lib/csharp/src/Transport/TServerTransport.cs
lib/csharp/src/Transport/TSocket.cs

lib/csharp/src/Transport/TStreamTransport.cs
lib/csharp/src/Transport/TTransport.cs
lib/csharp/src/Transport/TTransportException.cs
lib/csharp/src/Transport/TTransportFactory.cs
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj
lib/rb/lib/thrift.rb
lib/st/README
lib/st/thrift.st
test/OptionalRequiredTest.cpp
test/OptionalRequiredTest.thrift
test/ThriftTest.thrift

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1.56 objenesis 2.1

1.56.1 Available under license :

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- * /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/AlterDseTableRenameColumn.java
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* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/schema/DefaultAlterType.java

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* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/schema/DefaultCreateKeyspace.java

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* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/package-info.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/update/OngoingAssignment.java

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* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/schema/compaction/DefaultSizeTieredCompactionStrategy.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/CreateDseFunctionWithNullOption.java

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* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/compaction/SizeTieredCompactionStrategy.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/AlterDseTableAddColumn.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/select/OppositeSelector.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/relation/CustomIndexRelation.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/schema/Utils.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/update/Assignment.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/internal/querybuilder/schema/DseTableVertexOperation.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/internal/querybuilder/schema/DefaultCreateDseKeyspace.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/select/Select.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/KeyspaceOptions.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterTypeStart.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/CreateDseAggregateEnd.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/relation/DefaultColumnComponentRelationBuilder.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/insert/RegularInsert.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/schema/DefaultAlterKeyspace.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/update/DefaultAssignment.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/CreateDseTableWithOptions.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/update/DefaultUpdate.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/schema/DefaultDropKeyspace.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/update/PrependMapEntryAssignment.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateMaterializedViewStart.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/AlterDseTableRenameColumnEnd.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/schema/compaction/DefaultLeveledCompactionStrategy.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateIndex.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/CreateDseKeyspaceStart.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/package-info.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateKeyspace.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/DseRelationOptions.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/schema/DefaultCreateFunction.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/CreateDseFunctionWithLanguage.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateMaterializedViewPrimaryKey.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterTableRenameColumn.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/select/AllSelector.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/OngoingPartitionKey.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateFunctionEnd.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/select/Selector.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/relation/ArithmeticRelationBuilder.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterTypeRenameFieldEnd.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateFunctionWithNullOption.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/relation/InRelationBuilder.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/update/CollectionElementAssignment.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateMaterializedViewWhere.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/BuildableQuery.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/Raw.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/select/TupleSelector.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/CreateDseFunctionStart.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/OptionProvider.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/relation/Relation.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/truncate/DefaultTruncate.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/lhs/ColumnComponentLeftOperand.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/term/OppositeTerm.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateAggregateEnd.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/AlterDseKeyspace.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/schema/compaction/DefaultTimeWindowCompactionStrategy.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/AlterDseTableWithOptionsEnd.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateMaterializedView.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterTableStart.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/internal/querybuilder/schema/DefaultCreateDseAggregate.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/update/UpdateStart.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/select/ElementSelector.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/ImmutableCollections.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/DefaultRaw.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/relation/DefaultTokenRelationBuilder.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/schema/DefaultCreateAggregate.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateTable.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/CreateDseAggregateStateFunc.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/term/ArithmeticTerm.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/internal/querybuilder/schema/package-info.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/term/Term.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/AlterDseTableWithOptions.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterTableDropColumn.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/internal/querybuilder/schema/DseTableEdgeOperation.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/AlterDseTableStart.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/condition/ConditionBuilder.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterTypeRenameField.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/update/CollectionAssignment.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/BindMarker.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/update/CounterAssignment.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/relation/DefaultRelation.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/update/RemoveSetElementAssignment.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateAggregateStateFunc.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/select/FieldSelector.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateFunctionWithLanguage.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/internal/querybuilder/schema/DefaultCreateDseTable.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/CreateDseFunctionEnd.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/select/DefaultSelect.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/lhs/LeftOperand.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/select/ArithmeticSelector.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/SchemaBuilder.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/DseRelationStructure.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/select/OngoingSelection.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/AlterDseTableAddColumnEnd.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/select/ColumnSelector.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/compaction/LeveledCompactionStrategy.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/update/AppendSetElementAssignment.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterTableWithOptions.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterKeyspaceStart.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/condition/DefaultConditionBuilder.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/DefaultLiteral.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/delete/DeleteSelection.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterKeyspace.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/OngoingCreateType.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/term/FunctionTerm.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/schema/OptionsUtils.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/condition/Condition.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/DseGraphEdgeSide.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/internal/querybuilder/schema/DefaultAlterDseTable.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterTableDropColumnEnd.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/select/ListSelector.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/update/AppendMapEntryAssignment.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/select/CastSelector.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/relation/OngoingWhereClause.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/insert/Insert.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateMaterializedViewSelectionWithColumns.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterMaterializedViewStart.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/select/FunctionSelector.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/relation/ColumnRelationBuilder.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/term/BinaryArithmeticTerm.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateFunctionStart.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterTableRenameColumnEnd.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateMaterializedViewSelection.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/AlterDseKeyspaceStart.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/select/DefaultBindMarker.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/relation/DefaultColumnRelationBuilder.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/api/querybuilder/schema/AlterDseTableDropColumnEnd.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/lhs/TokenLeftOperand.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterTableAddColumnEnd.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/update/UpdateWithAssignments.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/QueryBuilder.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/select/BinaryArithmeticSelector.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/term/TupleTerm.java

* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/CreateFunctionWithType.java
* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/CqlHelper.java
* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/schema/DefaultCreateIndex.java
* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/AlterMaterializedView.java
* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/dse/driver/internal/querybuilder/schema/DefaultDseGraphEdgeSide.java
* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/internal/querybuilder/schema/DefaultAlterTable.java
* /opt/ws_local/PERMITS_SQL/1085011854_1598862727.22/0/java-driver-query-builder-4-6-1-sources-jar/com/datastax/oss/driver/api/querybuilder/schema/KeyspaceReplicationOptions.java

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1.58 open-ws 1.5.6

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*/

/**

* Indicates whether this encoder, given the current message context, provides end-to-end message confidentiality.

*

* @param messageContext the current message context

*

* @return true if the encoder provides end-to-end message confidentiality, false if not

*

* @throws MessageEncodingException thrown if the encoder encounter an error while attempt to evaluate its
ability

* to provide message confidentiality.

*/

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*/

/**

* Gets whether the transport represents a confidential connection (e.g. an SSL connection).

*

* @return whether the transport represents a confidential connection

*/

/**

* Sets whether the transport represents a confidential connection.

*

* @param isConfidential whether the transport represents a confidential connection

*/

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* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/Version.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/MessageIDMarshaller.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/FaultTo.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/impl/BodyMarshaller.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/AllowPostdatingUnmarshaller.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/util/resource/FileBackedHttpResource.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/impl/ExactlyOneBuilder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/client/http/HttpSOAPRequestParameters.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ProblemIRIImpl.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/FromUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/security/provider/StaticSecurityPolicyResolver.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/Primary.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/EncryptionUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RenewTargetUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/EmbeddedMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ParticipantTypeMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/IterationBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/EncryptedHeader.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/CreatedImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/UseKeyImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/NonceImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ChallengeBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/ExpiresBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/Participants.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/Lifetime.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/RequestedSecurityToken.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/util/storage/StorageService.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/impl/PolicyAttachmentMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/CreatedBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ToUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/TimestampMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestedTokenCancelledBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestedReferenceTypeMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-

jar/org/opensaml/ws/wsaddressing/MessageID.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/impl/AllImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/impl/AppliesToImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/EndpointReferenceBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/SoapActionImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/BinarySecurityTokenImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ValidateTargetUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/AbstractWSTrustObject.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/message/handler/HandlerChainAware.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/EmbeddedBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/BinaryExchangeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/Timestamp.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/Entropy.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/UsernameToken.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/OnBehalfOf.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/EncryptWithImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/AuthenticationTypeBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/CodeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/AbstractWSSecurityObjectBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/ReferenceUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/CodeMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/message/decoder/BaseMessageDecoder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/decoder/http/HTTPSOAP11Decoder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/AttributedQNameImpl.java

- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/CombinedHashBuilder.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/impl/RequestSecurityTokenResponseImpl.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/SignWithBuilder.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/AuthenticatorUnmarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/EndpointReferenceTypeMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenResponseCollectionUnmarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/EncryptWithUnmarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/Envelope.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ProblemIRIUnmarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/AbstractWSAddressingObjectMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap12/RoleBearing.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RenewTargetMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ReferenceParametersBuilder.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ProofEncryptionMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/message/handler/HandlerChainResolver.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/RetryAfter.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenResponseCollectionImpl.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/AuthenticationType.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/message/handler/Handler.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/OnBehalfOfBuilder.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/ValidateTarget.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/util/resource/AbstractFilteredResource.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/AbstractWSSecurityObjectMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/WSTrustObjectBuilder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/RetryAfterImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/impl/EnvelopeMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ProblemActionBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/EndpointReferenceTypeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/BinaryExchangeMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/Fault.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/SignatureAlgorithmUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/impl/AddressImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ParticipantsImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/AttributedDataTimeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/message/handler/HandlerException.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/WSFedConstants.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/util/WSSecurityHelper.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/SoapActionBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenCollectionImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/impl/AllBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/WSTrustConstants.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/transport/InputStreamInTransportAdapter.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/AbstractWSSecurityObjectUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ParticipantTypeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/SignWith.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/EncryptWith.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ProblemHeaderQNameUnmarshaller.java

- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/impl/RequestedSecurityTokenUnmarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/CombinedHashUnmarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/AbstractWSSecurityObject.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/UsernameTokenImpl.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/IssuedTokensBuilder.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ForwardableBuilder.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ProblemHeaderQNameMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/DelegatableBuilder.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/AttributedQNameUnmarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/AddressUnmarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/SignatureConfirmationImpl.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/impl/FaultImpl.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/AttributedURIImpl.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/OnBehalfOfMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/impl/OperatorContentTypeMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestTypeMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/IssuerImpl.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ActionBuilder.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/IssuerMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/EntropyBuilder.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/TransformationParameters.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestedProofTokenBuilder.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/OptionalBearing.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/AttributedURI.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/AllowPostdatingMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/RetryAfterUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/transport/http/HttpServletResponseAdapter.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/UsernameMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/RequestSecurityTokenResponseCollection.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/SignChallengeResponseBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/SignatureConfirmationBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/impl/FaultStringBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/message/handler/PhasedHandlerChain.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/CanonicalizationAlgorithmUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/security/ServletRequestX509CredentialAdapter.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/SignChallengeTypeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ParticipantBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/SecurityBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/PrimaryBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/LifetimeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/SecurityTokenReferenceUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ProblemActionMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/Issuer.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenResponseCollectionMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/KeyIdentifierMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/EmbeddedUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/WSSecurityObject.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/IterationImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-

jar/org/opensaml/ws/wstrust/ComputedKey.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/Header.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/security/provider/MandatoryIssuerRule.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/NonceUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/PolicyAttachment.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/Expires.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/IterationMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/TokenTypeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/KeySizeBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/EndpointReferenceMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/AttributedDateTimeMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/SignChallengeResponseUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/ExactlyOne.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/SignChallengeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/UsernameUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/SignWithImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/NonceMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/MetadataMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/KeyWrapAlgorithm.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/UsernameTokenBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/KeyWrapAlgorithmBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/SignChallengeTypeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/Address.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/RelatesToUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-

jar/org/opensaml/util/resource/ResourceChangeListener.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/Encryption.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/TransformationParametersBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/KeyTypeMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/FromMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/EndpointReferenceImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/AuthenticationTypeMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/BinaryExchangeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/client/BasicSOAPMessageContext.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/impl/EnvelopeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/EncodedStringImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestKETUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/PolicyReferenceImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/SecurityTokenReferenceMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/SignChallenge.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/ChallengeMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/RelatesToMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/impl/BodyBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/Metadata.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsfed/impl/RequestSecurityTokenResponseUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/Body.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/EndpointReferenceType.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/SecurityTokenReferenceImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestedSecurityTokenUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-

jar/org/opensaml/ws/wssecurity/EncodedString.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/ReferenceParametersMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/ExpiresMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/Reason.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestedAttachedReferenceImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/security/provider/BaseTrustEngineRule.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/impl/FaultStringImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/Nonce.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/AuthenticatorImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/util/storage/MapBasedStorageService.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/Action.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/ReferenceParametersUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestedSecurityTokenImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/AttributedQNameMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/SecurityTokenReferenceBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/impl/BodyUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/ReferenceMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/SignatureConfirmation.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/ProblemIRIBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/ActionMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/KeyTypeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/WSAddressingObjectBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/ForwardableMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/SaltMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/PolicyBuilder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestedTokenCancelledUnmarshaller.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/SecurityMarshaller.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenResponseBuilder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RenewingMarshaller.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/impl/FaultCodeBuilder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/message/handler/BaseHandlerChainAwareMessageDecoder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/ReferenceParameters.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/common/SOAPObjectBuilder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ProblemHeaderQNameBuilder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/BinarySecurityToken.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/transport/http/HttpServletRequestAdapter.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ClaimsUnmarshaller.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestedUnattachedReferenceBuilder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ComputedKeyMarshaller.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/encoder/SOAP11Encoder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/AttributedURIMarshaller.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/Salt.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/UseKeyBuilder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestedUnattachedReferenceMarshaller.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ParticipantMarshaller.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/transport/InTransport.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/message/encoder/MessageEncodingException.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ComputedKeyAlgorithmBuilder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/ExpiresImpl.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-

jar/org/opensaml/util/storage/ExpiringObject.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestedProofTokenMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/KeyTypeBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/EncryptionAlgorithmUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/util/SOAPConstants.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/message/decoder/MessageDecodingException.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/CanonicalizationAlgorithmImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/KeyIdentifierUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/PasswordImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/util/resource/FileSystemResource.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/ToBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/AddressBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/util/SimpleURLCanonicalizer.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/PolicyAttachmentBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/RelatesToBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/RenewTarget.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/AttributedURIUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/MessageIDBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/common/SOAPObject.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/RelatesToImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/SecurityImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/CanonicalizationAlgorithm.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/SignatureConfirmationUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/SignatureAlgorithmMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-

jar/org/opensaml/ws/wstrust/impl/EncryptionMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/impl/DetailImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/BinaryExchange.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/ClaimsBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/AppliesToMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/AttributedDateTimeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestedTokenCancelledImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/WSPolicyObjectBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/EncryptedHeaderUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/MetadataBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/SoapActionMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/AttributedStringUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/util/resource/PropertyReplacementResourceFilter.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestTypeBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/SignWithUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/impl/DetailUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl>PasswordBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsfed/AppliesTo.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/RequestedUnattachedReference.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/impl/FaultCodeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/WSEException.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/RequestSecurityTokenResponse.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/ParticipantType.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/CanonicalizationAlgorithmBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/ActionImpl.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/AttributedUnsignedLongMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/KeyIdentifierImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/IssuedTokensImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/AttributedUnsignedLongUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/util/storage/AbstractExpiringObject.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenCollectionMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/LifetimeMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/Username.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/impl/RequestedSecurityTokenMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/AttributedURIMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/StatusUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestedSecurityTokenBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/impl/AbstractWSPolicyObjectUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/Forwardable.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/Status.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/security/SecurityPolicyResolver.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ComputedKeyUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/IssuerBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ClaimsMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/util/resource/ResourceException.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/EncryptionAlgorithmMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/SignChallengeResponse.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/RequestedProofToken.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/Iteration.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-

jar/org/opensaml/ws/message/BaseMessageContext.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/client/SOAPMessageContext.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/TransformationParametersUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/DelegateToImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/WSSecurityConstants.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/AuthenticatorMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/FaultCode.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/util/resource/ResourceChangeWatcher.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/IssuedTokensUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/UseKeyMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/SaltBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestedReferenceTypeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/WSPolicyConstants.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsfed/impl/EndPointReferenceBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/SaltImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/FaultToImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/ProofEncryptionBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/FaultString.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/ForwardableImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/KeyIdentifierBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/AppliesToUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/PolicyImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/Participant.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/FaultToMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-

jar/org/opensaml/ws/soap/common/SOAPException.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/ToMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/AttributedURIImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/MetadataUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/TokenTypeBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/ChallengeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/ExactlyOneMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/util/resource/ClasspathResource.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/Delegatable.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/WSAddressingConstants.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/DelegatableMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/transport/OutTransport.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/CombinedHash.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/ReplyToUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/TokenTypeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/ProblemActionUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/PolicyAttachmentImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/DelegatableUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/util/resource/ChainingResourceFilter.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/AllMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/AllowPostdating.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/AttributedUnsignedLongImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestedAttachedReferenceBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenResponseUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-

jar/org/opensaml/ws/wsaddressing/impl/ReplyToImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsfed/impl/AddressBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/AbstractWSTrustObjectMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestTypeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/ParticipantsUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/Security.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/util/resource/Resource.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/AttributedQName.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/BinarySecret.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/WSPolicyObject.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/DelegateToUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/ParticipantTypeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/ExactlyOneUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/message/MessageContextMutatingFunctor.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/UsernameTokenMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestedProofTokenUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/RetryAfterMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/CanonicalizationAlgorithmMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/EncryptWithMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/Detail.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/SignChallengeType.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/PolicyMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/ComputedKeyAlgorithmMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/ProofEncryptionImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-

jar/org/opensaml/ws/wsaddressing/ReplyTo.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/IdBearing.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/ProblemHeaderQName.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/EndpointReference.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/AttributedDateTimeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RenewingUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsfed/WSFedObject.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/SignatureAlgorithmBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/SignChallengeMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/All.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/ActorBearing.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenCollectionBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsfed/impl/RequestedSecurityTokenBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap12/RelayBearing.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/decoder/SOAP11Decoder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/SignChallengeResponseMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/PasswordMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/AbstractWSPolicyObject.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/SoapAction.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/client/SOAPClientException.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/KeyTypeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/client/SOAPClient.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsfed/impl/AppliesToUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsfed/WSFedObjectBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/security/provider/HTTPRule.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/message/handler/HandlerChain.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/EndpointReferenceTypeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RenewTargetBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/security/SecurityPolicyException.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/impl/FaultActorImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/SignChallengeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/AppliesTo.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/RequestSecurityTokenResponse.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/message/handler/BasicPhasedHandlerChain.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ComputedKeyImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/TransformationParametersImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenResponseMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/TimestampUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/RequestType.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/MustUnderstandBearing.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/KeySizeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestedAttachedReferenceMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/impl/OperatorContentTypeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/CancelTargetMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/common/SOAPHandler.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/impl/PolicyReferenceUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/impl/EnvelopeBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenCollectionUnmarshaller.java

- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestTypeImpl.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/impl/AddressMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/SecurityUnmarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/message/MessageContextEvaluatingFunctor.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestedTokenCancelledMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/AttributedStringMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/impl/AppliesToMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/client/http/HttpSOAPClient.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/security/provider/ClientCertAuthRule.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ForwardableUnmarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/UseKey.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/SignWithMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/StatusMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/AbstractWSAddressingObjectBuilder.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/OperatorContentType.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/UsernameBuilder.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/util/storage/ExpiringObjectStorageServiceSweeper.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/util/storage/ReplayCache.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/security/provider/CertificateNameOptions.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/EncodedStringUnmarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/KeySizeImpl.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ReplyToBuilder.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/transport/TransportException.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/AuthenticationTypeImpl.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-

jar/org/opensaml/ws/soap/soap11/impl/FaultMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/FaultToBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/AppliesToBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/AbstractWSPolicyObjectMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/message/MessageException.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/PrimaryMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/SignChallengeResponseImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenResponseCollectionBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/MetadataImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/FaultToUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/EmbeddedImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/IterationUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/NonceBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/CodeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/KeyType.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/util/WSAddressingHelper.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/IssuedTokens.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/encoder/http/HTTPSOAP11Encoder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/OperatorContentTypeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/soap/soap11/impl/BodyImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/transport/http/HTTPOutTransport.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/ClaimsImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestKETBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/PolicyURIsBearing.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-

jar/org/opensaml/ws/wstrust/impl/AuthenticatorBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/message/handler/BaseHandlerChainAwareMessageEncoder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/security/SecurityPolicy.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/PrimaryUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/ProblemIRI.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wspolicy/impl/PolicyAttachmentUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/PrimaryImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestSecurityTokenBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/BinarySecretUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/BinarySecurityTokenUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RenewTargetImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/message/MessageContext.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/EndpointReferenceUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/RequestedUnattachedReferenceUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsfed/RequestedSecurityToken.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/RequestedReferenceType.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsfed/impl/EndPointReferenceUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/Renewing.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wsaddressing/impl/RetryAfterBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/KeyWrapAlgorithmUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wssecurity/impl/UsernameTokenUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/ValidateTargetBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/BinarySecretMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/util/URLBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/wstrust/impl/CodeBuilder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RenewingBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/Created.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/impl/AppliesToImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ParticipantImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestedUnattachedReferenceImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/FromBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/PolicyReference.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/util/resource/HttpResource.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/SignatureAlgorithm.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ChallengeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/LifetimeBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/transport/OutputStreamOutTransportAdapter.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/CreatedUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/RelatesTo.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ParticipantUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestKETMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/MessageIDImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/SignChallengeTypeMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/impl/AppliesToBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/EncryptionAlgorithmBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/AttributedStringImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/impl/HeaderMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/StatusImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/IsReferenceParameterBearing.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ToImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/EncodedStringMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ReferenceParametersImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/DelegateToMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/PasswordUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/impl/AddressUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/RequestSecurityToken.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/AttributedDateTime.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/BinarySecurityTokenMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ProblemHeaderQNameImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/AbstractWSTrustObjectBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/UsernameImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ReasonUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/EncryptedHeaderImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/impl/HeaderBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ComputedKeyBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestedProofTokenImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/RequestSecurityTokenCollection.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/UseKeyUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/EncryptedHeaderMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/impl/DetailMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/BinarySecurityTokenBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/impl/RequestSecurityTokenResponseMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ComputedKeyAlgorithmImpl.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/impl/RequestedSecurityTokenImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/EndPointReference.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/CombinedHashImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/impl/EndPointReferenceImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/TokenType.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestedAttachedReferenceUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/impl/FaultActorBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/Reference.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/impl/AllUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/security/provider/BasicSecurityPolicy.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ReasonMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/ProofEncryption.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/ComputedKeyAlgorithm.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/EncryptionAlgorithm.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/EntropyMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap12/MustUnderstandBearing.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/KeyExchangeToken.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/WSSecurityObjectBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsfed/impl/RequestSecurityTokenResponseBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ValidateTargetMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ParticipantsMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/Embedded.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/EncryptionImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/DelegateToBuilder.java

* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/From.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/SignatureConfirmationMarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RequestedReferenceTypeImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/DelegateTo.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/To.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/SoapActionUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/ProofEncryptionUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/TimestampBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/Policy.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/AbstractWSAddressingObject.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/Code.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/RenewingImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/AllowPostdatingBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/Password.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/IssuerUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/impl/HeaderImpl.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/CancelTargetBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/AttributedURIUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/message/encoder/BaseMessageEncoder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/OnBehalfOfUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/ExpiresUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/WSTrustObject.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wspolicy/impl/PolicyReferenceBuilder.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/AuthenticationTypeUnmarshaller.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/Authenticator.java

- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/impl/HeaderUnmarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wssecurity/impl/ReferenceImpl.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/DelegatableImpl.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/KeySizeMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/CombinedHashMarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/impl/KeyExchangeTokenUnmarshaller.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/util/SOAPHelper.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/RequestedAttachedReference.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/soap/soap11/EncodingStyleBearing.java
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- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wstrust/RequestedTokenCancelled.java
- * /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-jar/org/opensaml/ws/wsaddressing/impl/ProblemActionImpl.java
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* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
jar/org/opensaml/ws/security/SecurityPolicyRule.java
* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
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* /opt/cola/permits/1109021854_1610153068.13/0/openws-1-5-6-sources-
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<p>

XMLObject interfaces for WS-Security 2004 elements.

</p>

<p>

The OASIS Web Services Security: SOAP Message Security 1.1 (WS-Security 2004) specification describes enhancements to SOAP messaging to provide message integrity and confidentiality. This specification also provides a general-purpose mechanism for associating security tokens with message content.

</p>

<p>

The security token profiles currently supported are:

Web Services Security UsernameToken Profile 1.1

Web Services Security: SAML Token Profile 1.1

Web Services Security X.509 Certificate Token Profile 1.1

Web Services Security Kerberos Token Profile 1.1

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1.59 kerberos 1.15 1+deb9u1

1.59.1 Available under license :

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```
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cmd/krb5/ipropl/ipropl_hdr.h
cmd/krb5/kadmin/server/ipropl_svc.c
cmd/krb5/kproplog/kproplog.c
cmd/krb5/slave/kpropd_rpc.c
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lib/libgss/g_export_name.c
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lib/libgss/g_seal.c
lib/libgss/g_sign.c
lib/libgss/g_store_cred.c
lib/libgss/g_unseal.c
lib/libgss/g_userok.c
lib/libgss/g_utils.c
lib/libgss/g_verify.c
lib/libgss/gssd_pname_to_uid.c
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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```

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<html xmlns="http://www.w3.org/1999/xhtml">
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <title>MIT Kerberos License information &#8212; MIT Kerberos Documentation</title>
  <link rel="stylesheet" href="_static/agogo.css" type="text/css" />
  <link rel="stylesheet" href="_static/pygments.css" type="text/css" />
  <link rel="stylesheet" href="_static/kerb.css" type="text/css" />
  <script type="text/javascript">
    var DOCUMENTATION_OPTIONS = {
      URL_ROOT:    './',
      VERSION:    '1.17',
      COLLAPSE_INDEX: false,
      FILE_SUFFIX: '.html',
      HAS_SOURCE:  true,
      SOURCELINK_SUFFIX: '.txt'
    };
  </script>
  <script type="text/javascript" src="_static/jquery.js"></script>
  <script type="text/javascript" src="_static/underscore.js"></script>
  <script type="text/javascript" src="_static/doctools.js"></script>
  <link rel="author" title="About these documents" href="about.html" />
  <link rel="index" title="Index" href="genindex.html" />
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  <link rel="copyright" title="Copyright" href="copyright.html" />
  <link rel="next" title="Copyright" href="copyright.html" />
  <link rel="prev" title="MIT Kerberos features" href="mitK5features.html" />
</head>
<body>
  <div class="header-wrapper">
    <div class="header">

      <h1><a href="index.html">MIT Kerberos Documentation</a></h1>

      <div class="rel">

        <a href="index.html" title="Full Table of Contents"
          accesskey="C">Contents</a> |
        <a href="mitK5features.html" title="MIT Kerberos features"
          accesskey="P">previous</a> |
        <a href="copyright.html" title="Copyright"
          accesskey="N">next</a> |
        <a href="genindex.html" title="General Index"
          accesskey="I">index</a> |
        <a href="search.html" title="Enter search criteria"
          accesskey="S">Search</a> |

```

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</div>

</div>

</div>

<div class="content-wrapper">

<div class="content">

<div class="document">

<div class="documentwrapper">

<div class="bodywrapper">

<div class="body" role="main">

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```
lib/
gssapi/
generic/
gssapi_err_generic/
et/
```

```
lib/
gssapi/
mechglue/
g_accept_sec_context/
c/
```

```
lib/
gssapi/
mechglue/
g_acquire_cred/
c/
```

```
lib/
gssapi/
mechglue/
g_canon_name/
c/
```

```
lib/
gssapi/
mechglue/
g_compare_name/
c/
```

```
lib/
gssapi/
mechglue/
g_context_time/
c/
```

```
lib/
gssapi/
mechglue/
g_delete_sec_context/
c/
```

```
lib/
gssapi/
mechglue/
g_dsp_name/
c/
```

```
lib/
gssapi/
mechglue/
g_dsp_status/
c/
```

```
lib/
gssapi/
mechglue/
g_dup_name/
c/
```

```
lib/
gssapi/
mechglue/
g_exp_sec_context/
c/
```

```
lib/
gssapi/
```



```
<span class="n">kprop</span><span class="o">/</span><span class="n">kpropd_rpc</span><span
class="o">.</span><span class="n">c</span></pre></div>
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in `src/lib/gssapi``, including the following files:

.. parsed-literal::

```
lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c
```

and the initial implementation of incremental propagation, including the following new or changed files:

.. parsed-literal::

```
include/ipropr_hdr.h
kadmin/server/ipropr_svc.c
lib/kdb/ipropr.x
```

lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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```

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  <title>Copyright &#8212; MIT Kerberos Documentation</title>
  <link rel="stylesheet" href="_static/agogo.css" type="text/css" />
  <link rel="stylesheet" href="_static/pygments.css" type="text/css" />
  <link rel="stylesheet" href="_static/kerb.css" type="text/css" />
  <script type="text/javascript">
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      VERSION: '1.17',
      COLLAPSE_INDEX: false,
      FILE_SUFFIX: '.html',
      HAS_SOURCE: true,
      SOURCELINK_SUFFIX: '.txt'
    };
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  <script type="text/javascript" src="_static/jquery.js"></script>
  <script type="text/javascript" src="_static/underscore.js"></script>
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</head>
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    <div class="header">
```

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<div class="rel">

<a href="index.html" title="Full Table of Contents"
accesskey="C">Contents |
<a href="mitK5license.html" title="MIT Kerberos License information"
accesskey="P">previous |
<a href="build_this.html" title="How to build this documentation from the source"
accesskey="N">next |
<a href="genindex.html" title="General Index"
accesskey="I">index |
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accesskey="S">Search |
feedback
</div>
</div>
</div>

<div class="content-wrapper">

<div class="content">

<div class="document">

<div class="documentwrapper">

<div class="bodywrapper">

<div class="body" role="main">

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</div>

</div>

</div>

<div class="sidebar">

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Copyright


```
<br/>
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<li class="toctree-l1"><a class="reference internal" href="appdev/index.html">For application developers</a></li>
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<li class="toctree-l1"><a class="reference internal" href="formats/index.html">Protocols and file formats</a></li>
<li class="toctree-l1"><a class="reference internal" href="mitK5features.html">MIT Kerberos features</a></li>
<li class="toctree-l1"><a class="reference internal" href="build_this.html">How to build this documentation from
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</ul>
```

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  <input type="submit" value="Go" />
  <input type="hidden" name="check_keywords" value="yes" />
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</form>
</div>
<div class="clearer"></div>
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        >Contents</a> |
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```

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

- lib/gssapi/generic/gssapi_err_generic.et
- lib/gssapi/mechglue/g_accept_sec_context.c
- lib/gssapi/mechglue/g_acquire_cred.c
- lib/gssapi/mechglue/g_canon_name.c
- lib/gssapi/mechglue/g_compare_name.c
- lib/gssapi/mechglue/g_context_time.c
- lib/gssapi/mechglue/g_delete_sec_context.c
- lib/gssapi/mechglue/g_dsp_name.c
- lib/gssapi/mechglue/g_dsp_status.c
- lib/gssapi/mechglue/g_dup_name.c
- lib/gssapi/mechglue/g_exp_sec_context.c
- lib/gssapi/mechglue/g_export_name.c
- lib/gssapi/mechglue/g_glue.c

lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
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lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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```
# This program is intended to be used by "make check-copyright". It
# checks for violations of the coding standards related to copyright
# and license statements in source code comments.
```

```
import os
import sys
import re
```

```
def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)
```

```
def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line
```

```
# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
```

```
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
            if text_seen:
                warn(fname, ln, 'License begins after first line of comment')
            elif code_seen:
                warn(fname, ln, 'License after code')
            elif nonlicense_seen:
                warn(fname, ln, 'License after non-license comments')
            break
        # DB2 licenses start with '/*-' and we don't want to change them.
        if line != " and line != '-':
            text_seen = True
    return is_license
```

```
def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if '-*- mode: c;' in lines[ln]:
        ln += 1

    # Check filename comment if present.
    m = re.match(r'^\* ([^ ]*)( - .*)? \*/', lines[ln])
    if m:
        if m.group(1) != fname:
            warn(fname, ln, 'Wrong filename in comment')
        ln += 1
```

```
# Scan for license statements.
```

```

in_comment = False
code_seen = False
nonlicense_seen = False
for line in lines[ln:]:
    # Strip out whitespace and comments contained within a line.
    if not in_comment:
        line = re.sub(r'\^*.?*?\*/', '', line)
    line = line.strip()

    if not in_comment and '/*' in line:
        (line, sep, comment_part) = line.partition('/*')
        comment = [comment_part.strip()]
        comment_starts_at = ln
        in_comment = True
    elif in_comment and '*/' not in line:
        comment.append(line.lstrip('*').rstrip())
    elif in_comment:
        (comment_part, sep, line) = line.partition('*/')
        comment.append(comment_part.strip())
        is_license = check_comment(comment, fname, comment_starts_at,
                                   code_seen, nonlicense_seen)
        nonlicense_seen = nonlicense_seen or not is_license
        in_comment = False
    elif line.strip() != "":
        code_seen = True

    ln += 1

for fname in sys.argv[1:]:
    if fname.startswith('./'):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)
.. _mitK5license:

MIT Kerberos License information
=====

.. toctree::
   :hidden:

   copyright.rst

.. include:: notice.rst
Copyright
=====

```

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```
/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*- */  
/*
```

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```
*/
```

1.60 spotbugs-annotations 3.1.12

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1.61 spring-cloud-consul-config

2.2.3.RELEASE

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1.62 init-system-helpers 1.56+nmu1

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1.63 apache-webservices-common-utilities

1.0.2

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* /opt/cola/permits/1248878355_1641856483.12/0/ws-commons-util-1-0-2-sources-
jar/org/apache/ws/commons/serialize/OrderedAttributeXMLWriter.java
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1.64 flatpickr 4.6.2

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1.65 create-hash 1.2.0

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1.66 @uirouter/angular 7.0.0

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1.72 asm-tree 8.0.1

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jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java  
* /opt/cola/permits/1092525220_1601878484.23/0/asm-tree-8-0-1-sources-  
jar/org/objectweb/asm/tree/VarInsnNode.java  
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jar/org/objectweb/asm/tree/AbstractInsnNode.java  
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jar/org/objectweb/asm/tree/ModuleRequireNode.java  
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jar/org/objectweb/asm/tree/ModuleExportNode.java  
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jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java  
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jar/org/objectweb/asm/tree/FieldInsnNode.java  
* /opt/cola/permits/1092525220_1601878484.23/0/asm-tree-8-0-1-sources-  
jar/org/objectweb/asm/tree/LineNumberNode.java
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* /opt/cola/permits/1092525220_1601878484.23/0/asm-tree-8-0-1-sources-jar/org/objectweb/asm/tree/ParameterNode.java
* /opt/cola/permits/1092525220_1601878484.23/0/asm-tree-8-0-1-sources-jar/org/objectweb/asm/tree/AnnotationNode.java
* /opt/cola/permits/1092525220_1601878484.23/0/asm-tree-8-0-1-sources-jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java
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* /opt/cola/permits/1092525220_1601878484.23/0/asm-tree-8-0-1-sources-jar/org/objectweb/asm/tree/InsnList.java
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1.81 model-mapper 2.3.8

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2.2.3.RELEASE

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1.83 fbjs 0.8.17

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1.84 spring-plugin-core 2.0.0.RELEASE

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1.85 redux-thunk 2.3.0

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1.86 zipkin-core 2.21.1

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- * /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/internal/HexCodec.java
- * /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/internal/Dependencies.java
- * /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/Annotation.java

* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/internal/V1ThriftSpanReader.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/internal/SpanNode.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/internal/V1JsonSpanReader.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/codec/BytesDecoder.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/v1/V1BinaryAnnotation.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/codec/SpanBytesDecoder.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/internal/AggregateCall.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/v1/V1SpanConverter.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/Call.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/internal/Proto3Fields.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/internal/DelayLimiter.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/SpanBytesDecoderDetector.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/internal/V2SpanReader.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/internal/Proto3ZipkinFields.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/codec/Encoding.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/v1/V1Span.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/codec/DependencyLinkBytesEncoder.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/internal/V1JsonSpanWriter.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/internal/DependencyLinker.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/internal/ThriftCodec.java
* /opt/cola/permits/1096695238_1607389277.55/0/zipkin-2-21-1-sources-jar/zipkin2/storage/GroupByTraceId.java

1.87 Isb 10.2019051400

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1.88 jetty-security 9.4.29.v20200521

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- * org.eclipse.jetty.orbit:org.eclipse.jdt.core

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- * org.eclipse.jetty.orbit:javac.security.auth.message

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- * org.eclipse.jetty.orbit:javac.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- * javax.servlet:javax.servlet-api
- * javax.annotation:javax.annotation-api
- * javax.transaction:javax.transaction-api
- * javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

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org.ow2.asm:asm-commons

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

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org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.89 apache-log4j 1.2.17

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1.101 minimalistic-crypto-utils 1.0.1

1.102 regexp 2.7.2

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- * /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/RE.java
- * /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/recompile.java
- * /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/RESyntaxException.java
- * /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/REProgram.java
- * /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/REUtil.java
- * /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/REDebugCompiler.java
- * /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/REDemo.java
- * /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/ReaderCharacterIterator.java
- * /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/CharArrayCharacterIterator.java
- * /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/RETest.java
- * /opt/cola/permits/1134796780_1613422074.14/0/archive-259-zip/StringCharacterIterator.java

1.103 python-ipaddress 1.0.17-1

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1.104 jcip-annotation 1.0 1

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```
* /opt/ws_local/PERMITS_SQL/1013822089_1591370825.53/0/jcip-annotations-1-0-1-sources-
jar/net/jcip/annotations/NotThreadSafe.java
* /opt/ws_local/PERMITS_SQL/1013822089_1591370825.53/0/jcip-annotations-1-0-1-sources-
```

jar/net/jcip/annotations/ThreadSafe.java

* /opt/ws_local/PERMITS_SQL/1013822089_1591370825.53/0/jcip-annotations-1-0-1-sources-

jar/net/jcip/annotations/GuardedBy.java

* /opt/ws_local/PERMITS_SQL/1013822089_1591370825.53/0/jcip-annotations-1-0-1-sources-

jar/net/jcip/annotations/Immutable.java

1.105 hyphenate-style-name 1.0.3

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1.106 stax-api 1.0.1

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1.107 angular-platform-browser-dynamic

9.0.7

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1.108 ca-certificates 20200601~deb10u2

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1.112 jackson-annotations 2.11.3

1.112.1 Available under license :

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1.113 asm-util 8.0.1

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```
* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-  
jar/org/objectweb/asm/util/ASMifierSupport.java
```

```
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jar/org/objectweb/asm/util/CheckRecordComponentAdapter.java

* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-

jar/org/objectweb/asm/util/CheckSignatureAdapter.java

* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-jar/org/objectweb/asm/util/Textifier.java

* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-

jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-
jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-
jar/org/objectweb/asm/util/TraceFieldVisitor.java
* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-
jar/org/objectweb/asm/util/CheckFieldAdapter.java
* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-
jar/org/objectweb/asm/util/TraceMethodVisitor.java
* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-jar/org/objectweb/asm/util/Printer.java
* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-jar/org/objectweb/asm/util/ASMifier.java
* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-
jar/org/objectweb/asm/util/TraceClassVisitor.java
* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-
jar/org/objectweb/asm/util/TraceRecordComponentVisitor.java
* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-
jar/org/objectweb/asm/util/TraceSignatureVisitor.java
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jar/org/objectweb/asm/util/CheckClassAdapter.java
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jar/org/objectweb/asm/util/TraceModuleVisitor.java
* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-
jar/org/objectweb/asm/util/CheckModuleAdapter.java
* /opt/cola/permits/1092524939_1601878528.72/0/asm-util-8-0-1-sources-
jar/org/objectweb/asm/util/CheckMethodAdapter.java

1.114 inline-style-prefixer 4.0.2

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1.115 netty-codec-socks 4.1.32.Final

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jar/io/netty/handler/codec/socksx/v5/Socks5AddressEncoder.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-
jar/io/netty/handler/codec/socksx/v5/Socks5AddressDecoder.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-
jar/io/netty/handler/codec/socksx/SocksPortUnificationServerHandler.java
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* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socks/SocksInitResponse.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socks/SocksMessage.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v5/Socks5InitialRequest.java
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* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socks/SocksResponse.java
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* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequest.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socks/SocksAuthResponseDecoder.java
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* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponse.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponse.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandResponse.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socks/SocksRequest.java
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* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v5/package-info.java
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* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socks/SocksMessageEncoder.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socks/SocksCmdResponse.java

* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v4/Socks4CommandRequest.java
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* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socks/SocksCommonUtils.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthRequest.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandRequest.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialResponse.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialRequest.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socks/SocksAuthRequestDecoder.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v4/Socks4CommandResponse.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/SocksMessage.java
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* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v5/Socks5CommandResponse.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socks/package-info.java
* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socks/UnknownSocksResponse.java
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* /opt/ws_local/PERMITS_SQL/1072598929_1595015163.94/0/netty-codec-socks-4-1-32-final-sources-1-jar/io/netty/handler/codec/socksx/v4/Socks4Message.java

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1.117 bouncy-castle 1.60

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1.118 velocity 2.0

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1.119 base64-js 1.5.1

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1.120 jboss-logging 3.4.1.Final

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1.121 servlet-api 4.0.3

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1.122 java-driver-core 4.6.1

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1.123 groovy-json 2.5.7

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```

Found in path(s):

```
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/Sys.java
```

```
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/DefaultFastStringService.java
```

```
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/Chr.java
```

```
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
```

jar/org/apache/groovy/json/internal/FastStringUtils.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/ValueMapImpl.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/JsonFastParser.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/FastStringServiceFactory.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/JsonStringDecoder.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/Type.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/IO.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/LazyMap.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/groovy/json/JsonToken.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/SimpleCache.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/NumberValue.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/groovy/json/DefaultJsonGenerator.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/Value.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/groovy/json/JsonDelegate.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/groovy/json/JsonBuilder.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/CharacterSource.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/groovy/json/JsonGenerator.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/CharSequenceValue.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/DefaultFastStringServiceFactory.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/Dates.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/JsonParserLax.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/groovy/json/JsonSlurper.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/FastStringService.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/groovy/json/JsonOutput.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/BaseJsonParser.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/Cache.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-
jar/org/apache/groovy/json/internal/CharBuf.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-

jar/groovy/json/JsonTokenType.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/JsonParserUsingCharacterSource.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/groovy/json/JsonSlurperClassic.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/CharScanner.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/ValueContainer.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/CacheType.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/groovy/json/StringEscapeUtils.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/JsonParserCharArray.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/groovy/json/JsonLexer.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/MapItemValue.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/ByteScanner.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/ReaderCharacterSource.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/groovy/json/JsonException.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/ValueMap.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/groovy/json/JsonParserType.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/Exceptions.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/groovy/json/JsonParser.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/ValueList.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/groovy/json/StreamingJsonBuilder.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/LazyValueMap.java
* /opt/cola/permits/1136061461_1613670286.27/0/groovy-json-2-5-7-sources-1-jar/org/apache/groovy/json/internal/ArrayUtils.java

1.124 avahi 0.7-4+deb10u1

1.124.1 Available under license :

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1.125 parse-asn1 5.1.6

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1.126 zipkin-reporter-metrics-micrometer

2.15.0

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Manifest-Version: 1.0
Created-By: Apache Maven Bundle Plugin
Build-Jdk-Spec: 13
Automatic-Module-Name: zipkin2.reporter.metrics.micrometer
Bnd-LastModified: 1589702936955
Build-Jdk: 13.0.2
Built-By: travis
Bundle-Description: Zipkin Reporter (Parent)
Bundle-DocURL: <https://zipkin.io/>
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.txt>
Bundle-ManifestVersion: 2
Bundle-Name: Zipkin Reporter Metrics by Micrometer
Bundle-SymbolicName: io.zipkin.reporter2.zipkin-reporter-metrics-micrometer
Bundle-Vendor: OpenZipkin
Bundle-Version: 2.15.0
Export-Package: zipkin2.reporter.metrics.micrometer;version="2.15.0";uses:="io.micrometer.core.instrument,zipkin2.reporter"
Import-Package: io.micrometer.core.instrument,zipkin2.reporter;version="[2.15,3)"
Originally-Created-By: Apache Maven Bundle Plugin
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-4.2.0.201903051501

Found in path(s):

* /opt/cola/permits/1096695463_1601878587.59/0/zipkin-reporter-metrics-micrometer-2-15-0-jar/META-INF/MANIFEST.MF

1.127 core-js 3.9.1

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1.128 checker-qual 2.11.1

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1.129 lcms 2.9-3

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1.130 angular-core 9.0.7

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1.131 moment-timezone 0.5.31

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1.132 jsr305 3.0.1

1.133 fdisk 2.33.1

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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/ecp/impl/RelayStateUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/saml2delrestrict/impl/DelegateBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/common/binding/security/SAMLProtocolMessageXMLSignatureSecurityPolicyRule.java
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jar/org/opensaml/xacml/ctx/ResourceContentType.java
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jar/org/opensaml/saml2/binding/decoding/HTTPSOAP11Decoder.java
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jar/org/opensaml/common/SAMLObject.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/AttributeValueTypeImpl.java
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jar/org/opensaml/saml1/core/impl/AudienceUnmarshaller.java
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jar/org/opensaml/saml2/metadata/EncryptionMethod.java
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jar/org/opensaml/saml1/core/impl/AssertionIDReferenceMarshaller.java
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/ResponseTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/Conditions.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AudienceRestrictionUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/DomainHintMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/ActionTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/OrganizationNameImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/CombinerParametersTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/CompanyImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AudienceRestrictionConditionUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/LogoImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ArtifactResponseMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/StatusDetailBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/profile/saml/impl/XACMLAuthzDecisionStatementTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AuthorizationDecisionStatementImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ConditionsUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/samlpthrpty/impl/RespondToImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AdviceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/StatusMessageUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/AuthnQuerySchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/DescriptionMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/common/SAMLVersion.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/KeyDescriptorBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/binding/decoding/HTTPPostDecoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml2/core/impl/ArtifactResponseUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AuthenticationStatementImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/SubjectTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/StatusResponseTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AuthnQueryServiceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/GetCompleteImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/NameIDMappingResponseSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/ArtifactResponse.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/RequestAbstractTypeSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdquery/AuthnQueryDescriptorType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/NameIDMappingResponseBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2cb/impl/ChannelBindingsMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/OrganizationURLUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/EvidenceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/ContactPersonMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/IPHint.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/RoleDescriptorUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/StatusResponseTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AdviceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/SubjectType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/GetCompleteMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AdviceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/SubjectQueryMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/binding/SAML2ArtifactMessageContext.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/common/impl/AbstractSAMLObjectUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/AuthnContextClassRefSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/OrganizationURLBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AuthorizationDecisionQueryImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnContextDeclRefUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/SSODescriptorMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/ResponseAbstractTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/RequesterIDSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AssertionIDRequestServiceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthzDecisionStatementImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/EmailAddressMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/LogoutRequestImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/SessionIndexImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/ecp/RequestAuthenticated.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/AuthnContextDeclSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/impl/AbstractXACMLObject.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/validator/AssertionSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/samlec/impl/GeneratedKeyMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/provider/SchemaValidationFilter.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/SubjectLocalityUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/FunctionTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/AuthnContextDeclRefSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/DomainHint.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/EnvironmentTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/xacml/policy/impl/AttributeDesignatorTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/SubjectBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AttributeServiceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AdviceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/common/impl/SecureRandomIdentifierGenerator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthzDecisionQueryMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AttributeBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/NameIDSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/LogoutResponseBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/Action.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/binding/decoding/HTTPArtifactDecoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/saml2aslo/impl/AsynchronousBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/KeyDescriptorMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/EncryptionMethodSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/OrganizationDisplayNameBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/SPSSODescriptorSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/PDPDescriptorMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/Advice.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/profile/saml/impl/XACMLAuthzDecisionStatementTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/AuthnAuthorityDescriptorSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/ResourceType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/saml2mdui/impl/KeywordsBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ActionMatchTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/StatusDetailBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml2/core/validator/AuthzDecisionStatementSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AudienceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/provider/AbstractReloadingMetadataProvider.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/Company.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/IDPSSODescriptorUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/saml2mdui/impl/DiscoHintsBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AffiliateMemberUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/RequestTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/saml2mdui/impl/RespondToBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/saml2delrestrict/impl/DelegationRestrictionTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/AffiliateMember.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/Subject.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/saml2mdquery/impl/AttributeQueryDescriptorTypeBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/PolicySetTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/idpdisco/DiscoveryResponse.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/PolicyTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ObligationsTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/NameIDMappingServiceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/saml2cb/ChannelBindings.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/EncryptionMethodMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AuthzServiceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AuthzServiceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ActionMatchTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/OrganizationURL.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml2/metadata/impl/AssertionIDRequestServiceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/ResultType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/SubjectImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/StatusCode.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/ConditionType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/AttributeDesignator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/IPHintUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/SubjectTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/profile/saml/XACMLPolicyQueryType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/binding/artifact/SAML1ArtifactType0002.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2aslo/impl/AsynchronousImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/profile/saml/impl/XACMLPolicyStatementTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/validator/StatusCodeSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/NameIDMappingRequestSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/EnvironmentMatchType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/PDPDescriptorUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/AttributeValue.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/binding/security/SAML2AuthnRequestsSignedRule.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/common/impl/AbstractSAMLObjectMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/IDPSSODescriptorBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ActionTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/RuleCombinerParametersTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/binding/encoding/HTTPSOAP11Encoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/AssertionIDRequestServiceSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml2/core/impl/AbstractNameIDTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/provider/AbstractObservableMetadataProvider.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/RequestAbstractTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/DecisionType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/ecp/impl/RequestImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/StatusTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthzDecisionQueryImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/NameIDMappingResponseUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/DecisionTypeEnum.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/common/binding/encoding/SAMLMessageEncoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/StatusCodeSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/binding/security/SAML2HTTPRedirectDeflateSignatureRule.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AssertionIDRequestBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/Logo.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/SubjectQueryImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/AttributeValue.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/ServiceNameSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AuthorizationDecisionQueryMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/LocalizedNameMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ObligationsTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/ActionMatchType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/SingleSignOnServiceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/StatusCodeTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/StatusTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml2/core/impl/AuthzDecisionStatementMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/StatusCodeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/PDPDescriptorBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/ecp/impl/ResponseImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnQueryImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/EnvironmentTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/GivenName.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnContextDeclRefMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/DescriptionBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/OneTimeUseImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/Condition.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ManageNameIDResponseImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/IssuerSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/StatusMessage.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2delrestrict/DelegationRestrictionType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/SubjectConfirmationUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/ContactPersonUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/binding/artifact/SAML2ArtifactType0004Builder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/SessionIndex.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/StatusDetailTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/NewIDSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/EntitiesDescriptor.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/RequestMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/EnvironmentMatchTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml2/metadata/impl/AssertionConsumerServiceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/NameIdentifierMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/LogoutRequestMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/AttributeConsumingServiceSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/Subject.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/ResponseTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/binding/encoding/HTTPPostEncoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/CombinerParameterTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AudienceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AssertionIDReferenceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/ServiceName.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnContextClassRefUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/AttributeQuerySchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnContextDeclImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/OrganizationDisplayNameSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/StatusType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AdditionalMetadataLocationUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AttributeAuthorityDescriptorBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/StatusMessageMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/AttributeSelectorTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/EndpointSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/LogoutRequestSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/PolicyCombinerParametersTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/Issuer.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/ResponseTypeImplBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/ServiceNameMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AuthzDecisionQueryBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/PrivacyStatementURLImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/StatusDetailMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/VariableReferenceTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/SAMLProfileConstants.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/EncryptedAssertionImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/GivenNameUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/AuthzDecisionQuery.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/XACMLObject.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AuthnQueryDescriptorTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AuthnContextDeclUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/RoleDescriptorMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/StatusCodeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/SubjectsTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/BaseIDImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ActionBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/Evidentiary.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/binding/artifact/SAML2ArtifactBuilderFactory.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ArtifactBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/AttributeAssignmentTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/NameIDMappingRequest.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ActionNamespaceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/SurNameBuilder.java

- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/RequestedAuthnContextMarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/binding/BasicSAMLMessageContext.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/NameIdentifierUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/EntitiesDescriptorUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/impl/XACMLAuthzDecisionStatementTypeImplBuilder.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/RequestedAttributeUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/SubjectConfirmationDataUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/PolicySetTypeMarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/OrganizationMarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/CompanyUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/LocalizedURI.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/SubjectAttributeDesignatorTypeImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ObligationTypeUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ProxyRestrictionUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AssertionImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/binding/artifact/AbstractSAML1Artifact.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AssertionIDRequestServiceUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/binding/security/BaseSAMLSimpleSignatureSecurityPolicyRule.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/NameIDFormatMarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/validator/AttributeSchemaValidator.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AuthnContextImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ResponseImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/StatusCodeUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/provider/ObligationService.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/GeolocationHintImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/NameIdentifierBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AudienceRestrictionConditionBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/AttributeAssignmentType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/provider/MetadataProviderException.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/NameIDMappingService.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/provider/ChainingMetadataProvider.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/EnvironmentTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/ManageNameIDRequest.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/SPSSODescriptorSpecValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/EncryptedIDImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/idpdisco/DiscoveryResponseUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/SubjectUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/PDPDescriptorSpecValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/LogoutRequestUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/IDPSSODescriptorImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/IPHintBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/LogoutResponseImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AdditionalMetadataLocationBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AttributeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/SubjectAttributeDesignatorTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/StatusMessageTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/binding/encoding/BaseSAML1MessageEncoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AuthnContextClassRefImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AssertionIDRequestMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/binding/encoding/HTTPRedirectDeflateEncoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AuthnContextDeclRefBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/OrganizationDisplayNameMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/BaseIDUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/RespondToMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/AssertionURIRef.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/LogoutRequest.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/RuleCombinerParametersTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/TargetTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/ResultTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/ArtifactResolve.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/AttributeDesignatorType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/AttributeStatement.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/BaseIDMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/SubjectConfirmationData.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/XACMLAuthzDecisionQueryType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/AttributeTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/AssertionIDRef.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/ResourceContentTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/validator/ConditionsSpecValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AttributeConsumingServiceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/AuthnContext.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/CombinerParametersType.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdquery/impl/AttributeQueryDescriptorTypeMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/OrganizationImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/MissingAttributeDetailTypeImplBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/ContactPersonImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/KeyInfoConfirmationDataTypeImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/ecp/impl/ResponseMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ConditionsImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/SurNameSchemaValidator.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/ResultTypeUnmarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/ecp/Response.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/ContactPerson.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/AuthnContextComparisonTypeEnumeration.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/EncryptedAttributeBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AudienceRestrictionBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2cb/impl/ChannelBindingsImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/encryption/EncryptedElementTypeEncryptedKeyResolver.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AssertionIDRequestServiceMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AttributeStatementImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/SingleLogoutServiceSchemaValidator.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/GeolocationHintMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AssertionUnmarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/SubjectTypeImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/AuthnQueryServiceSchemaValidator.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/AttributeTypeMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/CombinerParametersTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/binding/decoding/HandlerChainAwareHTTPSOAP11Decoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/validator/AuthzDecisionQuerySchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/SSODescriptorImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/RequestType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/NameIdentifierImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/EffectType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/SubjectAttributeDesignatorTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/SAMLObjectHelper.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/validator/ResponseSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/impl/XACMLPolicyQueryTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/provider/EntityRoleFilter.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/OneTimeUseBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/AuthzDecisionStatement.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/RequesterIDUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/AttributeValueType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/validator/AssertionSpecValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/EntityAttributesBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AuthenticatingAuthorityMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/LogoUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/StatusMessage.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/SSODescriptorSpecValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/binding/security/MessageReplayRule.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/SubjectStatementImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AudienceRestrictionImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2delrestrict/impl/DelegationRestrictionTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/SubjectLocalityBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/RuleCombinerParametersTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AffiliationDescriptorBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/IssuerBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/ecp/impl/SubjectConfirmationMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/CombinerParametersTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/FunctionTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/PolicyTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/BaseID.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/RequestTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/binding/artifact/SAML1ArtifactBuilderFactory.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ArtifactResolveUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AttributeDesignatorUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/SubjectUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/DisplayName.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AttributeQueryMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/SubjectAttributeDesignatorTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/validator/ArtifactResolveSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AttributeQueryImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/SubjectTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/SubjectLocalityMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/provider/SignatureValidationFilter.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/SubjectMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/CombinerParameterTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/IDPList.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/validator/RequestAbstractTypeSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/AuthzService.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdquery/impl/ActionNamespaceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/ObligationType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AttributeServiceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ConditionsBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/OrganizationNameSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/ManageNameIDResponse.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/InformationURLBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/TelephoneNumbers.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/validator/ActionSpecValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/ServiceNameBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/DomainHintUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/samlec/impl/EncTypeBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/samlec/impl/SessionKeyUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AttributeProfileImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/provider/DOMMetadataProvider.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AttributeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/StatusResponseTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2aslo/Asynchronous.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/binding/encoding/HTTPPostSimpleSignEncoder.java

- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/SingleLogoutServiceBuilder.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ResponseAbstractTypeImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ConditionsMarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/XACMLAuthzDecisionStatementType.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/terminate.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/InformationURLImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/SubjectConfirmationMarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/AuthzServiceSchemaValidator.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/impl/ReferencedPoliciesTypeMarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AttributeUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/EmailAddressBuilder.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/StatusResponseType.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/binding/BindingException.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/MissingAttributeDetailTypeUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/impl/RandomIdentifierGenerator.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/provider/FilterException.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/PolicySetCombinerParametersType.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/AttributeDesignatorTypeUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ArtifactResponseImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/RequestedAuthnContextImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/EmailAddress.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdquery/impl/AuthzDecisionQueryDescriptorTypeImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/DecisionTypeEnumeration.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AuthzDecisionStatementUnmarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/Organization.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/AttributeValueTypeMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/validator/AttributeQuerySchemaValidator.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdquery/impl/AttributeQueryDescriptorTypeImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2delrestrict/Delegate.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/RequestedAttribute.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/PolicyTypeUnmarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ResourceMatchTypeMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/RequestAbstractTypeImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdquery/QueryDescriptorType.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/AuthnAuthorityDescriptor.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AttributeStatementUnmarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/NameIDType.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/AffiliationDescriptor.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/Assertion.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2delrestrict/impl/DelegationRestrictionTypeBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/AudienceRestriction.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AttributeProfileUnmarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/impl/XACMLAuthzDecisionQueryTypeImplBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ManageNameIDRequestMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/AuthorizationDecisionStatement.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/provider/MetadataFilterChain.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/ServiceDescription.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/StatusUnmarshaller.java

- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/EncryptedAttributeImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/KeywordsImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AssertionBuilder.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/LocalizedString.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/impl/XACMLPolicyStatementTypeImplBuilder.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/StatusCodeMarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/Query.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/LocalizedURIUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/RequesterIDImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/Evidence.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/RoleDescriptorSpecValidator.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ConditionsBuilder.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/ecp/impl/ResponseUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/TelephoneNumberImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/ReferencedPoliciesType.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/LocalizedName.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AuthorizationDecisionQueryBuilder.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/RespondWithBuilder.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ActionTypeImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AuthorizationDecisionStatementUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AuthnStatementUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/EnvironmentsType.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/AttributeStatement.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AttributeQueryBuilder.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/xacml/ctx/impl/StatusDetailTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/VariableDefinitionTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/SubjectLocality.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/SubjectType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/SingleSignOnServiceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ScopingImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/AttributeAssignmentTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/ctx/impl/DiscoveryResponseMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/PolicyCombinerParametersTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/NameIDFormatSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/StatusMessageType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/StatusMessageImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthenticatingAuthorityBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/ResourceTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/binding/encoding/BaseSAML2MessageEncoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/EncryptedIDBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/SPSSODescriptor.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/AttributeType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/DecisionTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/EntitiesDescriptorMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/NewID.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ProxyRestrictionMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/Evidence.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/ctx/impl/DisplayNameUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/xacml/ctx/impl/StatusTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/validator/SubjectSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/ManageNameIDServiceSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/IdReferenceTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/ActionTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthenticatingAuthorityUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml1md/impl/SourceIDBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/DiscoHintsImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/EntityDescriptorSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/AttributeValueType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/common/Extensions.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/ecp/impl/RelayStateImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ObligationsTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml1md/SourceID.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/RuleCombinerParametersTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/PDPDescriptorImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/EnvironmentsTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/StatusCodeBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/validator/AudienceSpecValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/AuthorizationDecisionQuery.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/Action.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdquery/ActionNamespace.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/RequestTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/SPSSODescriptorMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

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jar/org/opensaml/saml2/core/EncryptedAttribute.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/ResponseAbstractTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/Statement.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/AuthnContextClassRef.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

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jar/org/opensaml/saml2/core/EncryptedElementType.java
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/AttributeSelectorTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml1md/impl/SourceIDImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/IndexedEndpoint.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/IdReferenceType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/SubjectSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/validator/AuthorizationDecisionStatementSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/UIInfoUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/profile/saml/impl/XACMLPolicyQueryTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/SubjectTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/AttributeValueTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/binding/artifact/SAML1ArtifactBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/profile/saml/impl/XACMLAuthzDecisionQueryTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/AssertionArtifact.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/StatusImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
 jar/org/opensaml/xacml/policy/ExpressionType.java
 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/samlext/saml2mdui/DiscoHints.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/DefaultBootstrap.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/provider/HTTPMetadataProvider.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/ResultTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/ServiceDescriptionImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/GetCompleteUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/binding/security/SAMLMDClientCertAuthRule.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AdviceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AdviceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/IssuerMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/EnvironmentTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/binding/decoding/BasicURLComparator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/SubjectLocality.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AffiliateMemberImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AuthenticationQueryBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/ConfirmationMethod.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/StatusDetailMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/DiscoHintsUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ActionBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/SubjectQueryUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/common/TimeBoundSAMLObject.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/CompanySchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/RequestUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/validator/ArtifactResponseSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/AttributeDesignatorTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ConditionsImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/LocalizedURIMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/EncryptedElementTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/NewIDImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/AuthnQueryService.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/provider/RequiredValidUntilFilter.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AudienceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/SubjectsTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdquery/impl/AuthnQueryDescriptorTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/EntitiesDescriptorImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/DoNotCacheConditionImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ApplyTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/IssuerImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/SubjectConfirmationBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/SubjectMatchTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/EvidenceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/CombinerParametersTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/RequestAbstractTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/ecp/impl/RequestAuthenticatedImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AttributeDesignatorBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/AffiliateMemberSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/EntityDescriptorSpecValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ActionMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/EncryptedAssertionMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AbstractNameIDType.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/EmailAddressUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/binding/AuthnResponseEndpointSelector.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/VariableReferenceTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2delrestrict/impl/DelegationRestrictionTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/Conditions.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/RequestAbstractTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/impl/XACMLPolicyStatementTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/SSODescriptorUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ActionTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/binding/artifact/AbstractSAML2Artifact.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/DescriptionTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/SubjectLocalityImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/OrganizationNameBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/ecp/impl/RequestAuthenticatedUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/StatusCodeTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/KeyDescriptorUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/binding/BasicEndpointSelector.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/NameIDMappingResponse.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/SubjectMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/SubjectMatchTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/samlec/impl/GeneratedKeyBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/StatusDetailTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/ManageNameIDServiceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ObligationsTypeImplBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/RequestedAuthnContextUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/PolicyType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/security/MetadataCredentialResolver.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ArtifactMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/provider/BaseObligationHandler.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/StatusMessageTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AssertionUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/StatusTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/EnvironmentMatchTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ActionImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/SingleLogoutServiceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/IDPListBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/samlec/impl/GeneratedKeyUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/IDPEntryMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdquery/impl/AuthnQueryDescriptorTypeBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/Scoping.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/InformationURLMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/validator/AuthnRequestSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/EncryptedID.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/validator/SessionIndexSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/RuleType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/FunctionTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdattr/impl/EntityAttributesImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/ManageNameIDService.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/validator/AudienceRestrictionConditionSchemaValidator.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AuthnAuthorityDescriptorImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ActionTypesMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/ResourceContentTypeUnmarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/OneTimeUse.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/impl/SAMLObjectContentReference.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/EntityDescriptor.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/SAMLException.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/InformationURLUnmarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/Attribute.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/AuthnQuery.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/binding/decoding/HTTPRedirectDeflateDecoder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/EnvironmentTypeUnmarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ArtifactResolveBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/TerminateBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/xml/SAMLConstants.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/UIInfo.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/NameIDPolicyImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/AttributeProfileSchemaValidator.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AssertionArtifactBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AuthnContextMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/FunctionTypeMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ProxyRestrictionImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/VariableDefinitionType.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/PolicySetTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/DescriptionTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AuthnStatementBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/InformationURL.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ResponseBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/PhoneNumberUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ConfirmationMethodImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/PolicyTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/StatusCodeType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdquery/impl/AttributeQueryDescriptorTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2aslo/impl/AsynchronousUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AuthzServiceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ActionTypesImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/Attribute.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/RequestedAttributeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ArtifactResolveImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/StatusDetailUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AssertionArtifactImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/OrganizationNameUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ConfirmationMethodBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/security/SAMLMDCCredentialContext.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/KeywordsMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AuthnAuthorityDescriptorBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/AssertionIDReference.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AuthnQueryServiceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/ServiceDescriptionUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AssertionURIRefMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2delrestrict/impl/DelegateUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/TerminateUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/Evidentiary.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/DefaultsTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AttributeAuthorityDescriptorImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/DescriptionTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AssertionArtifactMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AttributeQueryMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ManageNameIDResponseMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/PDPDescriptor.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/ecp/impl/RequestUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/validator/RequestSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/AuthenticationStatement.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ResourceTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/xml/SAMLSchemaBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/XACMLPolicyStatementType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/RequestedAuthnContext.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/GeolocationHintBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/PolicyCombinerParametersTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/EnvironmentsTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/OrganizationURLSchemaValidator.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/impl/ReferencedPoliciesTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/ServiceDescriptionBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/PrivacyStatementURLUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/validator/AssertionSpecValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/AttributeValueTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/SubjectMatchType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AuthnContextClassRefMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/ArtifactResolutionService.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/validator/AudienceRestrictionSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/AuthnAuthorityDescriptorSpecValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/samlec/EncType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/LogoBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/UIInfoMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/EntityDescriptorBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/NameIDPolicyBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/ArtifactResolutionServiceSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/StatusDetailType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/SubjectMatchTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/NameIDPolicy.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AuthenticationQueryMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/KeyDescriptor.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/NewIDMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/RoleDescriptorSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/NameIDImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/AuthnContextDeclRef.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/ecp/impl/RequestBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/SubjectStatementUnmarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AuthenticationStatementMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/NameIDFormat.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/validator/ManageNameIDRequestSchemaValidator.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/SignableSAMLObject.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/PolicySetTypeImplBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/AttributeQuery.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/EvidenceBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/NameIDMappingServiceSpecValidator.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ActionTypesUnmarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AudienceRestrictionMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/provider/FilesystemMetadataProvider.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/saml2mdui/impl/DisplayNameMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/StatusMarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/NameIDFormatImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ActionUnmarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ActionImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/binding/artifact/BasicSAMLArtifactMap.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/SubjectConfirmationDataImpl.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/ArtifactResolutionServiceSpecValidator.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/NameID.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/PolicySetCombinerParametersTypeImplBuilder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/impl/AbstractSAMLObjectBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ScopingUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/binding/SAMLMessageContext.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/NameIDMappingRequestBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ActionMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/NameIDMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/EntitiesDescriptorSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/validator/AssertionURIRefSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/Status.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/samlec/impl/SessionKeyBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ApplyTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/impl/AbstractSignableSAMLObject.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2aslo/impl/AsynchronousMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ConditionTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/AuthenticatingAuthority.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/ESAPISecurityConfig.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/DoNotCacheConditionUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/AttributeService.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/EnvironmentType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/validator/GetCompleteSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/NewIDUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/SingleLogoutServiceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/binding/artifact/BasicSAMLArtifactMapEntry.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/DecisionTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml2/core/impl/SubjectConfirmationDataBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/StatusCodeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/SubjectConfirmationBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/binding/artifact/SAML2ArtifactBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/IDPListImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/StatusMessageUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/profile/saml/impl/ReferencedPoliciesTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/ServiceDescriptionMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/ActionType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/IdReferenceTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/NameIDMappingRequestUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/EntityDescriptorUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthzDecisionStatementBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/EvidenceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnStatementImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/samlec/GeneratedKey.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/KeyInfoConfirmationDataTypeBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/OrganizationDisplayNameImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/LogoMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/IDPSSODescriptorSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AffiliationDescriptorMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/SubjectQueryUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/Artifact.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/ecp/RelayState.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml1/core/impl/RequestBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/EnvironmentTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdquery/impl/QueryDescriptorTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/ecp/impl/RequestMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/NameIDMappingResponseMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/SubjectTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/support/AttributeConsumingServiceSelector.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnRequestMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AssertionIDRequestUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/SubjectConfirmationDataMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/SPSSODescriptorUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdquery/AuthzDecisionQueryDescriptorType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AuthnQueryServiceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/ResponseAbstractType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/validator/SubjectConfirmationSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdquery/impl/QueryDescriptorTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/common/SAML2Helper.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ResourcesTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/binding/artifact/SAML2ArtifactType0004.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/AttributeValueTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/PolicySetCombinerParametersTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ManageNameIDRequestUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AttributeConsumingServiceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/binding/decoding/HTTPSOAP11Decoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml2/metadata/AttributeConsumingService.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ApplyTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/EvidenceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/EncryptionMethodUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/common/impl/ExtensionsImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/AuthnStatementSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/common/binding/AbstractEndpointSelector.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/SubjectQueryImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlex/saml2mdquery/impl/AuthzDecisionQueryDescriptorTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/CombinerParameterTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/IdReferenceTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/OneTimeUseUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/StatusDetailTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/EnvironmentType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/SurNameUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AssertionURIRefBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AttributeQueryBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/StatusSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/provider/ResourceBackedMetadataProvider.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/ApplyType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/AttributeSelectorType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/EvidenceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/ActionType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/RuleCombinerParametersType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml2/metadata/validator/AffiliationDescriptorSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/binding/decoding/HTTPPostSimpleSignDecoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/SubjectStatement.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/Description.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ConditionTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/SingleSignOnServiceSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/PolicyCombinerParametersTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ArtifactImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/binding/decoding/HTTPPostDecoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/EndpointMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/IndexedEndpointMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/AttributeAssignmentTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/provider/FileBackedHTTPMetadataProvider.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/AssertionIDRequestService.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/EnvironmentTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/RoleDescriptorImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdattr/impl/EntityAttributesMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnContextDeclBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/Statement.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/SurNameMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/binding/encoding/HTTPArtifactEncoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnRequestImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/security/SAMLSignatureProfileValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ManageNameIDResponseBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/xacml/policy/impl/PolicySetCombinerParametersTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/AuthenticatingAuthoritySchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/DoNotCacheConditionBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/MissingAttributeDetailTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/NameIDMappingRequestImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/AttributeStatementSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/ManageNameIDResponseSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/IndexedEndpointUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/TelephoneNumberSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AttributeConsumingServiceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/SubjectsTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/provider/ObservableMetadataProvider.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ScopingMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/AttributeTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/validator/EvidenceSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/RuleTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/NewIDBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/DescriptionImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/EncryptedElementTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ArtifactResolveMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ObligationTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/ServiceNameImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/SessionIndexBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AttributeDesignatorImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml1/core/impl/AttributeStatementUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/ResultTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/DisplayNameBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/NameIDFormatUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/ConfirmationMethodMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/profile/saml/impl/ReferencedPoliciesTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/NameIDPolicyMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/ManageNameIDServiceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AudienceRestrictionConditionImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ConditionTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/profile/saml/impl/XACMLPolicyStatementTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/PrivacyStatementURLBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ResourcesTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnRequestUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/profile/saml/impl/XACMLPolicyQueryTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/common/binding/artifact/SAMLArtifactMap.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/SubjectLocalityMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/OrganizationDisplayName.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/SubjectConfirmationMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/IPHintMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdquery/impl/AuthnQueryDescriptorTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnRequestBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnContextClassRefBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AssertionIDRefImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/samlext/saml2mdui/impl/UIInfoImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/AttributeAuthorityDescriptorSpecValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/SubjectsTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/common/binding/decoding/URIComparator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/IDPEntry.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/ecp/SubjectConfirmation.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/idpdisco/DiscoveryResponseBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/RoleDescriptor.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/AudienceRestrictionCondition.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/IDPEntryUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/ArtifactResolutionServiceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ConditionTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/SubjectTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2delrestrict/impl/DelegateImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/SSODescriptor.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ResponseBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/Response.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/PDPDescriptorSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnQueryMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/SubjectConfirmationSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/XACMLConstants.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/OrganizationURLMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/AuthnContextDecl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/DefaultsTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml1/core/AuthenticationQuery.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdquery/impl/ActionNamespaceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/SubjectLocalityUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/Request.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/AttributeDesignatorTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/ActionSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/VariableReferenceTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/StatusCodeBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/samlpthrpty/RespondTo.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AttributeAuthorityDescriptorUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ResourcesTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/RequestedAttributeBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/impl/AbstractXACMLObjectUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/NameIDMappingServiceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/NewEncryptedIDBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/DisplayNameImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/PolicySetCombinerParametersTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AuthorityBindingImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/samlec/SessionKey.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/NameIDPolicyUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/IssuerUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AffiliationDescriptorUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/EnvironmentTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/RequestedAuthnContextSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml2/core/impl/AuthnQueryBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/AssertionIDRequestSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/AdditionalMetadataLocationSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/FunctionType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AffiliateMemberMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/OrganizationURLImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AffiliateMemberBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/RequesterIDBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/validator/AttributeStatementSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/EvidenceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/ResourceContentTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/StatusMessageTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/MissingAttributeDetailTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AssertionIDReferenceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/GivenNameMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/Keywords.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/RespondWith.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AudienceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/ArtifactResolutionServiceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/samlpthrpty/impl/RespondToUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/security/MetadataCriteria.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/OrganizationDisplayNameUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/StatusMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/ArtifactResolutionServiceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/xacml/policy/impl/ResourceMatchTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/SubjectConfirmationData.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AdviceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ActionMatchTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2cb/impl/ChannelBindingsBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/IDPEntryImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ResourceMatchTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AttributeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/LogoutRequestBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AttributeStatementMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/AuthnRequest.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AuthorizationDecisionStatementBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/EncryptedAssertion.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/EnvironmentMatchTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdquery/impl/AuthzDecisionQueryDescriptorTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/AttributeValueTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ObligationTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/SessionIndexUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/ContactPersonBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/AttributeValueTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/ManageNameIDServiceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/ecp/impl/RequestAuthenticatedMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AuthorizationDecisionQueryUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/AttributeAuthorityDescriptorSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/xacml/ctx/impl/StatusMessageTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/IDPSSODescriptor.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/ResponseMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/ResourceMatchType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/SubjectTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/validator/AttributeSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/common/impl/AbstractSAMLObject.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/StatusDetailImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AdditionalMetadataLocationMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/OrganizationUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/KeyDescriptorSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AttributeServiceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/common/binding/security/IssueInstantRule.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AuthnAuthorityDescriptorMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/ActionTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AdviceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/DomainHintImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/ecp/Request.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/DescriptionTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/OrganizationName.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/LogoutResponse.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ResourceTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/EmailAddressImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/Audience.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml2/core/impl/AssertionURIRefUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/provider/ObligationProcessingContext.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AssertionConsumerServiceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/VariableReferenceTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/EncryptedElementTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/OrganizationBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/EvidenceSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/PolicySetType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AuthorityBindingUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/common/impl/ExtensionsUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AttributeBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/GetCompleteBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/StatusImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AttributeStatementImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/SubjectBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/Advice.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/SPSSODescriptorImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/RequesterIDMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/IDPSSODescriptorMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/SubjectMatchTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/common/IdentifierGenerator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/provider/AbstractMetadataProvider.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ResponseMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/provider/MetadataFilter.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml1/core/validator/AuthorityBindingSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdquery/AttributeQueryDescriptorType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AttributeServiceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ArtifactUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/GeolocationHint.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/RequesterID.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/SubjectStatementMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/PolicyCombinerParametersType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AuthorizationDecisionStatementMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/SSODescriptorSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/CompanyBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AssertionImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AttributeStatementBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ResponseImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/common/CacheableSAMLObject.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/TerminateMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/provider/MetadataProvider.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/common/SAMLObjectBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AssertionURIRefImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/encryption/Decrypter.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ResourceMatchTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/ContactPersonSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/StatusMessageBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/ResourcesType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml2/metadata/impl/OrganizationNameMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/IndexedEndpointImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/Configuration.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/DefaultsTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/EncryptedIDUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ResourcesTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/EncryptedIDMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/EndpointUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/VariableDefinitionTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/Condition.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/AttributeSelectorTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/StatusUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/NameIDFormatBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ManageNameIDRequestBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/PhoneNumberBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/AssertionIDRequest.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/impl/ResourceTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/binding/artifact/SAML1ArtifactType0001Builder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ResponseUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/NameIDMappingServiceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/SubjectsType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AssertionArtifactUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/RespondWithImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/SubjectAttributeDesignatorType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/binding/encoding/HTTPArtifactEncoder.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/AttributeQuery.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/StatusBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AuthorityBindingMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/common/impl/ExtensionsMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/ResourceTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/SingleSignOnServiceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AttributeStatementBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/ServiceDescriptionSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AuthenticationStatementBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/AssertionConsumerServiceSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/binding/decoding/BaseSAMLMessageDecoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/ProxyRestriction.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/impl/XACMLPolicyQueryTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdquery/impl/QueryDescriptorTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AssertionIDRefUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/profile/saml/impl/XACMLAuthzDecisionStatementTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/SessionIndexMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AuthnContextUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/ManageNameIDServiceBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/Response.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/encryption/Encrypter.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/SubjectConfirmation.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/EncryptedAttributeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ConditionsMarshaller.java

- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/ecp/impl/SubjectConfirmationImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AttributeImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/DecisionTypeImplBuilder.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/CombinerParameterTypeUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AssertionIDRequestImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/StatusCode.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AssertionIDReferenceImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ConfirmationMethodUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/SingleLogoutService.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/AttributeTypeImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/ResourceContentTypeImplBuilder.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/ActionTypeImplBuilder.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/binding/encoding/HTTPPostEncoder.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/TerminateImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ResourceTypeMarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/NameIdentifier.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/RequestAbstractTypeImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/common/binding/security/BaseSAMLXMLSignatureSecurityPolicyRule.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/RuleTypeUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/EncryptionMethodImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/SubjectQuery.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/IPHintImpl.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/RequestTypeUnmarshaller.java
- * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/ResponseUnmarshaller.java

* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/ProxyRestrictionBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/StatusDetail.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/ctx/impl/ResponseTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AttributeDesignatorMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/SPSSODescriptorBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AudienceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AttributeProfileBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AuthenticationStatementUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/DescriptionType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AssertionBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/impl/AttributeProfileMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/KeyInfoConfirmationDataType.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/Version.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/validator/IDPSSODescriptorSpecValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/ecp/impl/SubjectConfirmationUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml1/core/impl/AudienceRestrictionConditionMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdquery/impl/ActionNamespaceImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/DescriptionUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/metadata/AttributeProfile.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ActionTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/core/impl/AssertionMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/policy/impl/ApplyTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/xacml/impl/AbstractXACMLObjectBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/samlext/saml2mdui/impl/PrivacyStatementURLMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/xacml/policy/impl/TargetTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/StatusDetailImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AuthenticationQueryImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/SingleSignOnServiceSpecValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/VariableDefinitionTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/validator/AttributeServiceSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/validator/AssertionSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/XACMLObjectBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/AttributeConsumingServiceUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ArtifactResponseBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/EntityDescriptorMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/AuthorityBindingBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/EncryptedAssertionBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/AuthnStatement.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/StatusDetail.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnQueryUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ObligationTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/Audience.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/StatusMessageBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/DiscoHintsMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/RuleTypeImplBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/ManageNameIDResponseUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/SubjectLocalityImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/OneTimeUseMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/common/binding/artifact/AbstractSAMLArtifact.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/common/binding/artifact/BasicSAMLArtifactMapEntryFactory.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AssertionIDRefBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/RequestImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/DefaultsTypeImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2mdui/impl/LocalizedNameUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/RequestAbstractTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthnStatementMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/AuthenticatingAuthorityImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/ctx/provider/ObligationProcessingException.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/AttributeSelectorTypeUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/GivenNameBuilder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/ActionTypesImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/binding/decoding/BaseSAML1MessageDecoder.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/NewEncryptedIDImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/SubjectImpl.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/xacml/policy/impl/IdReferenceTypeMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/core/impl/NewEncryptedIDUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/impl/SingleLogoutServiceMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/impl/ConditionsUnmarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/validator/ResponseAbstractTypeSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/samlext/saml2delrestrict/impl/DelegateMarshaller.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml2/metadata/AdditionalMetadataLocation.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
jar/org/opensaml/saml1/core/validator/AttributeDesignatorSchemaValidator.java
* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-

jar/org/opensaml/saml2/core/impl/StatusBuilder.java
 * /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-
 jar/org/opensaml/xacml/policy/impl/ActionMatchTypeMarshaller.java
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jar/org/opensaml/saml2/metadata/impl/AdditionalMetadataLocationImpl.java
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 */
/** Overrides binding confidentiality. */
/**
 * Returns confidentiality override flag.
 * @return true iff the encoder cannot provide confidentiality
 */
/**
 * Sets confidentiality override flag.
 * @param flag override flag
 */
```

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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/org/opensaml/saml2/binding/encoding/HandlerChainAwareHTTPSOAP11Encoder.java
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* /opt/cola/permits/1001433984_1607387076.97/0/opensaml-2-6-6-sources-jar/schema/saml-metadata-rpi-v1.0.xsd

1.135 acl 2.2.53-4

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1.136 hk2-api 2.5.0

1.137 logstash-logback-encoder 6.4

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- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/cbor/CborJsonFactoryDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/FieldNamesAware.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/AccessEventNestedJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/PrettyPrintingJsonGeneratorDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/layout/LogstashAccessLayout.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/LogstashUdpSocketAppender.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/listener/LoggingEventTcpAppenderListenerImpl.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/fieldnames/LogstashCommonFieldNames.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/LogLevelJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/FeatureJsonGeneratorDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/pattern/AbstractJsonPatternParser.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/AbstractNestedJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/LogstashMarkersJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/MdcJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/mask/RegexValueMasker.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/LoggingEventFormattedTimestampJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/LoggingEventJsonProviders.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/marker/MessageFormatCache.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/LogstashFormatter.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/RootStackTraceElementJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/StackTraceJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/argument/DeferredStructuredArgument.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/RemoteHostJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/ResponseHeadersJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/stacktrace/StackElementFilter.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/LogstashSocketAppender.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/RequestedUrlJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/mask/MaskingJsonGeneratorDecorator.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/destination/DelegateDestinationConnectionStrategy.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/destination/RandomDestinationConnectionStrategy.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/LoggingEventPatternJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/AbstractPatternJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/encoder/LogstashEncoder.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/RemoteUserJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/LoggingEventNestedJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/LogstashAccessTcpSocketAppender.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/mask/FieldNameBasedFieldMasker.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/LoggerNameJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/pattern/ValueGetter.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/NotConnectedException.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/destination/RoundRobinDestinationConnectionStrategy.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/CharacterEscapesJsonFactoryDecorator.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/WaitStrategyFactory.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/status/LevelFilteringStatusListener.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/pattern/NodeWriter.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/listener/AppenderListener.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/JsonFactoryDecorator.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/LoggingEventCompositeJsonFormatter.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/argument/StructuredArguments.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/ProtocolJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/JsonMessageJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/ThreadNameJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/destination/DestinationConnectionStrategy.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/FormattedTimestampJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/ContentLengthJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/FeatureDecorator.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/UuidProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/AbstractJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/SSLLogstashTcpSocketAppender.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/AccessEventJsonProviders.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/GlobalCustomFieldsJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/DelegatingAsyncDisruptorAppender.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/destination/DestinationConnectionStrategyWithTtl.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/marker/Markers.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/Logback11Support.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/marker/MapEntriesAppendingMarker.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/AccessEventPatternJsonProvider.java

* /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/stacktrace/ShortenedThrowableConverter.java

- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/marker/SingleFieldAppendingMarker.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/marker/LogstashMarker.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/marker/RawJsonAppendingMarker.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/marker/EmptyLogstashMarker.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/layout/LoggingEventCompositeJsonLayout.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/JsonWritingUtils.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/argument/StructuredArgument.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/AccessEventFormattedTimestampJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/NullAbbreviator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/JsonFactoryAware.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/fieldnames/LogstashAccessFieldNames.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/ShutdownInProgressException.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/AsyncDisruptorAppender.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/layout/CompositeJsonLayout.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/ContextMapJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/encoder/LogstashTcpEncoder.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/AbstractFieldJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/StackHashJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/listener/LoggingEventAppenderListenerImpl.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/CompositeJsonGeneratorDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/yaml/YamlFeatureJsonGeneratorDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/JsonProviders.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/AbstractLogstashUdpSocketAppender.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/CompositeJsonFormatter.java

- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/RequestedUriJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/IncludeExcludeHeaderFilter.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/NullJsonGeneratorDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/listener/FailureSummaryAppenderListener.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/LoggingEventAsyncDisruptorAppender.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/mask/PathBasedFieldMasker.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/AbstractThrowableClassNameJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/AccessMessageJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/fieldnames/LogstashFieldNames.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/LogstashAccessUdpSocketAppender.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/SequenceJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/ContextNameJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/listener/AccessEventTcpAppenderListenerImpl.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/fieldnames/Pre50LogstashAccessFieldNames.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/MethodJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/MessageJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/smile/SmileFeatureJsonGeneratorDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/encoder/SeparatorParser.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/JsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/marker/ObjectFieldsAppendingMarker.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/status/DelegatingStatusListener.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/yaml/YamlJsonFactoryDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/CompositeJsonFactoryDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/CallerDataJsonProvider.java

- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/layout/AccessEventCompositeJsonLayout.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/listener/AccessEventAppenderListenerImpl.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/CachingAbbreviator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/destination/DestinationParser.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/AbstractLogstashTcpSocketAppender.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/TagsJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/RingBufferFullException.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/JsonGeneratorDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/destination/PreferPrimaryDestinationConnectionStrategy.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/pattern/LoggingEventJsonPatternParser.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/ThrowableRootCauseClassNameJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/marker/ObjectAppendingMarker.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/layout/LogstashLayout.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/LogstashTcpSocketAppender.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/encoder/AccessEventCompositeJsonEncoder.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/encoder/LogstashAccessEncoder.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/cbor/CborFeatureJsonGeneratorDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/FeatureJsonFactoryDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/listener/TcpAppenderListener.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/NullJsonFactoryDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/ArgumentsJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/pattern/AccessEventJsonPatternParser.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/listener/FailureSummaryLoggingAppenderListener.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/mask/ValueMasker.java

- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/marker/DeferredLogstashMarker.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/EscapeNonAsciiJsonFactoryDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/AccessEventCompositeJsonFormatter.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/fieldnames/ShortenedFieldNames.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/stacktrace/StackHasher.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/ContextJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/LogstashAccessFormatter.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/decorate/smiley/SmileyJsonFactoryDecorator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/mask/MaskingJsonGenerator.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/ThrowableClassNameJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/RequestHeadersJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/LogstashVersionJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/loggingevent/LogLevelValueJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/ElapsedTimeJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/appender/AccessEventAsyncDisruptorAppender.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/composite/accessevent/StatusCodeJsonProvider.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/encoder/LoggingEventCompositeJsonEncoder.java
- * /opt/ws_local/PERMITS_SQL/1077482335_1596857747.4/0/logstash-logback-encoder-6-4-sources-jar/net/logstash/logback/mask/FieldMasker.java

1.138 commons-io 2.5

1.138.1 Available under license :

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">

```

```
<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
<link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
<link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
<link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
<link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
<link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
<link rel="apple-touch-icon" sizes="152x152" href="/favicons/apple-touch-icon-152x152.png">
<link rel="apple-touch-icon" sizes="180x180" href="/favicons/apple-touch-icon-180x180.png">
<link rel="icon" type="image/png" href="/favicons/favicon-32x32.png" sizes="32x32">
<link rel="icon" type="image/png" href="/favicons/favicon-194x194.png" sizes="194x194">
<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
<link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
<link rel="icon" type="image/png" href="/favicons/favicon-16x16.png" sizes="16x16">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">
```

```
<title>Apache License, Version 2.0</title>
```

```
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
```

```
<link href="/css/min.bootstrap.css" rel="stylesheet">
```

```
<link href="/css/styles.css" rel="stylesheet">
```

```
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the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF
licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file
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distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR
CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing
permissions and limitations under the License. -->
```

```
</head>
```

```
<body>
```

```
<!-- Navigation -->
```

```
<header>
```

```
<nav class="navbar navbar-default navbar-fixed-top">
```

```
<div class="container">
```

```
<div class="navbar-header">
```

```
<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
```

```
<span class="sr-only">Toggle navigation</span>
```



```

<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
</div>
<div class="collapse navbar-collapse" id="mainnav-collapse">
  <div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo;&nbsp;&nbsp;<a
href="/licenses/">Licenses</a></div>
  <ul class="nav navbar-nav navbar-right">
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">
        <li><a href="/foundation">Overview</a></li>
        <li><a href="/foundation/members.html">Members</a></li>
        <li><a href="/foundation/how-it-works.html">Process</a></li>
        <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
        <li><a href="/foundation/glossary.html">Glossary</a></li>
        <li><a href="/foundation/preFAQ.html">FAQ</a></li>
        <li><a href="/foundation/contact.html ">Contact</a></li>
      </ul>
    </li>
    <li><a href="/index.html#projects-list">Projects</a></li>
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">
        <li><a href="http://people.apache.org/">Overview</a></li>
        <li><a href="http://people.apache.org/committer-index.html">Committers</a></li>
        <li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
        <li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
        <li><a href="http://planet.apache.org/">Planet Apache</a></li>
      </ul>
    </li>
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">
        <li><a href="/foundation/getinvolved.html">Overview</a></li>
        <li><a href="http://community.apache.org/">Community Development</a></li>
        <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
        <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
      </ul>
    </li>
    <li><a href="/dyn/closer.cgi">Download</a></li>
    <li class="dropdown">
      <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
      <ul class="dropdown-menu" role="menu">

```

```

        <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
        <li><a href="/foundation/contributing.html">Donations</a></li>
        <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
        <li><a href="/foundation/thanks.html">Thanks</a></li>
    </ul>
</li>
</ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
    <div class="col-md-9 col-sm-8 col-xs-12">
        
        <a href="http://apache.org/foundation/contributing.html" title="Support Apache" style="margin-left: 150px;">
            
        </a>
    </div>
    <div class="col-md-3 col-sm-4 col-xs-12">
        <div class="input-group" style="margin-bottom: 5px;">
            <script>
(function() {
    var cx = '005703438322411770421:5mgshgrgx2u';
    var gcse = document.createElement('script');
    gcse.type = 'text/javascript';
    gcse.async = true;
    gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
        '//cse.google.com/cse.js?cx=' + cx;
    var s = document.getElementsByTagName('script')[0];
    s.parentNode.insertBefore(gcse, s);
})();
</script>
    <gcse:searchbox-only></gcse:searchbox-only>
        </div>
        <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
        <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
        <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
    </div>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading

```

* has the :hover property.

*/

```
.headerlink, .elementid-permalink {  
  visibility: hidden;  
}
```

```
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >  
.headerlink, h5:hover > .headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
```

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</br>Version 2.0, January 2004
</br>

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Footer

```
<footer class="bg-primary">
<div class="container">
  <div class="row">
    <br />
    <div class="col-sm-1">
```

```
</div>
<div class="col-sm-2">
  <h5 class="white">Community</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="http://community.apache.org/">Overview</a></li>
    <li><a href="/foundation/conferences.html">Conferences</a></li>
    <li><a href="http://community.apache.org/gsoc.html">Summer of Code</a></li>
    <li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
    <li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
    <li><a href="/travel/">Travel Assistance</a></li>
    <li><a href="/foundation/getinvolved.html">Get Involved</a></li>
    <li><a href="http://community.apache.org/newbiefaq.html">Community FAQ</a></li>
    <li><a href="/memorials/">Memorials</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
  <h5 class="white">Innovation</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="http://incubator.apache.org/">Incubator</a></li>
    <li><a href="http://labs.apache.org/">Labs</a></li>
    <li><a href="/licenses/">Licensing</a></li>
    <li><a href="/foundation/license-faq.html">Licensing FAQ</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
  <h5 class="white">Tech Operations</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/dev/">Developer Information</a></li>
    <li><a href="/dev/infrastructure.html">Infrastructure</a></li>
    <li><a href="/security/">Security</a></li>
    <li><a href="http://status.apache.org">Status</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>
```

```
<div class="col-sm-2">
  <h5 class="white">Press</h5>
  <ul class="list-unstyled white" role="menu">
    <li><a href="/press/">Overview</a></li>
    <li><a href="https://blogs.apache.org/">ASF News</a></li>
    <li><a href="https://blogs.apache.org/foundation/">Announcements</a></li>
    <li><a href="https://twitter.com/TheASF">Twitter Feed</a></li>
    <li><a href="/press/#contact">Contacts</a></li>
  </ul>
</div>
```

```

    </ul>
</div>

<div class="col-sm-2">
<h5 class="white">Legal</h5>
  <ul class="list-unstyled white" role="menu">
<li><a href="/legal/">Legal Affairs</a></li>
<li><a href="/licenses/">Licenses</a></li>
<li><a href="/foundation/marks/">Trademark Policy</a></li>
<li><a href="/foundation/records/">Public Records</a></li>
  <li><a href="/foundation/policies/privacy.html">Privacy Policy</a></li>
<li><a href="/licenses/exports/">Export Information</a></li>
<li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
<li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>

<div class="col-sm-1">
</div>

</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
<div class="col-lg-12">
  <p class="text-center">Copyright © 2017 The Apache Software Foundation, Licensed under the <a
class="white" href="http://www.apache.org/licenses/LICENSE-2.0">Apache License, Version 2.0</a>.</p>
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Foundation.</p>
  </div>
</div>
</div>

</footer>

<!-- / Footer -->

<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>

```

1.139 libidn 2.0.5 1+deb10u1

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Version 3, 29 June 2007

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```
<one line to give the program's name and a brief idea of what it does.>  
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```
<program> Copyright (C) <year> <name of author>  
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
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```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

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Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: Libidn2

Upstream-Contact: Simon Josefsson <simon@josefsson.org>

Source: <https://www.gnu.org/software/libidn/#libidn2>

Files: *

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Files: *.c *.h

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1.140 xom 1.2.10

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- * /opt/cola/permits/1136827867_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-jar/org/springframework/security/jwt/crypto/sign/MacSigner.java
- * /opt/cola/permits/1136827867_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-jar/org/springframework/security/jwt/crypto/sign/InvalidSignatureException.java
- * /opt/cola/permits/1136827867_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-jar/org/springframework/security/jwt/crypto/sign/SignerVerifier.java
- * /opt/cola/permits/1136827867_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-jar/org/springframework/security/jwt/crypto/sign/RsaSigner.java
- * /opt/cola/permits/1136827867_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-jar/org/springframework/security/jwt/JwtAlgorithms.java
- * /opt/cola/permits/1136827867_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-jar/org/springframework/security/jwt/crypto/sign/Signer.java

```
* /opt/cola/permits/1136827867_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-
jar/org/springframework/security/jwt/crypto/sign/RsaVerifier.java
* /opt/cola/permits/1136827867_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-
jar/org/springframework/security/jwt/codecs/Codecs.java
* /opt/cola/permits/1136827867_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-
jar/org/springframework/security/jwt/AlgorithmMetadata.java
* /opt/cola/permits/1136827867_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-
jar/org/springframework/security/jwt/crypto/sign/SignatureVerifier.java
* /opt/cola/permits/1136827867_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-
jar/org/springframework/security/jwt/Jwt.java
* /opt/cola/permits/1136827867_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-
jar/org/springframework/security/jwt/JwtHelper.java
```

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```
/**
```

```
* Base64 encoder which is a reduced version of Robert Harder's public domain implementation (version 2.3.7).
* See <a
href="https://iharder.sourceforge.net/current/java/base64/">https://iharder.sourceforge.net/current/java/base64/</a>
for more information.
*
* @author Luke Taylor
*/
```

Found in path(s):

```
* /opt/cola/permits/1136827867_1613930899.82/0/spring-security-jwt-1-0-11-release-sources-2-
jar/org/springframework/security/jwt/codecs/Base64Codec.java
```

1.142 micrometer-registry-prometheus 1.5.1

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```

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```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusLongTaskTimer.java

* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/HistogramFlavor.java

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* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/package-info.java

* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusCounter.java

* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusRenameFilter.java

* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusDurationNamingConvention.java

* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusTimer.java

* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/MicrometerCollector.java

* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusConfig.java

* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusMeterRegistry.java

* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusDistributionSummary.java

* /opt/ws_local/PERMITS_SQL/1069054003_1594480338.39/0/micrometer-registry-prometheus-1-5-1-sources-jar/io/micrometer/prometheus/PrometheusNamingConvention.java

1.143 nettle 3.4.1-1

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1.145 loose-envify 1.4.0

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1.147 jetty-continuation 9.4.29.v20200521

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
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org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

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org.eclipse.jetty.toolchain:jetty-schemas

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1.148 jre 11.0.9.1+1-1~deb10u2

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```
-----  
=====  
  
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Description: Makes the generated copyright headers reproducible

Author: Emmanuel Bourg <ebourg@apache.org>

Forwarded: no

```
--- a/make/jdk/src/classes/build/tools/cldrconverter/CopyrightHeaders.java  
+++ b/make/jdk/src/classes/build/tools/cldrconverter/CopyrightHeaders.java  
@@ -26,6 +26,7 @@  
package build.tools.cldrconverter;
```

```
import java.util.Calendar;  
+import java.util.Date;  
import java.util.GregorianCalendar;
```

```

import java.util.Locale;
import java.util.TimeZone;
@@ -150,8 +151,14 @@
    }

    private static int getYear() {
-       return new GregorianCalendar(TimeZone.getTimeZone("America/Los_Angeles"),
-                                     Locale.US).get(Calendar.YEAR);
+       Date date = new Date();
+       if (System.getenv("SOURCE_DATE_EPOCH") != null) {
+           date = new Date(1000 * Long.valueOf(System.getenv("SOURCE_DATE_EPOCH")));
+       }
+       GregorianCalendar calendar = new GregorianCalendar(TimeZone.getTimeZone("UTC"), Locale.ENGLISH);
+       calendar.setTime(date);
+       return calendar.get(Calendar.YEAR);
    }

    // no instantiation
--- a/make/jdk/src/classes/build/tools/generatelsrequivmaps/EquivMapsGenerator.java
+++ b/make/jdk/src/classes/build/tools/generatelsrequivmaps/EquivMapsGenerator.java
@@ -33,9 +33,13 @@
import java.time.ZoneId;
import java.time.ZonedDateTime;
import java.util.ArrayList;
+import java.util.Calendar;
+import java.util.Date;
+import java.util.GregorianCalendar;
import java.util.List;
import java.util.Locale;
import java.util.Map;
+import java.util.TimeZone;
import java.util.TreeMap;

/**
@@ -225,8 +229,15 @@
    + "}";

    private static String getOpenJDKCopyright() {
-       int year = ZonedDateTime.now(ZoneId
-                               .of("America/Los_Angeles")).getYear();
+       Date date = new Date();
+       if (System.getenv("SOURCE_DATE_EPOCH") != null) {
+           date = new Date(1000 * Long.valueOf(System.getenv("SOURCE_DATE_EPOCH")));
+       }
+       GregorianCalendar calendar = new GregorianCalendar(TimeZone.getTimeZone("UTC"), Locale.ENGLISH);
+       calendar.setTime(date);

```

```
+
+   int year = calendar.get(Calendar.YEAR);
+   return String.format(Locale.US, COPYRIGHT, year);
+ }
```

1.149 browserify-aes 1.2.0

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1.150 jcommander 1.48

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- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/ISO8601DateConverter.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/PathConverter.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/IntegerConverter.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/ParametersDelegate.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/DoubleConverter.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/IDefaultProvider.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/ResourceBundle.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/Parameters.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/MissingCommandException.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/JCommander.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/StringConverter.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/LongConverter.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/FloatConverter.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/internal/Lists.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/ParameterDescription.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/NoConverter.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/URLConverter.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/ParameterException.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/FileConverter.java
- * /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/BigDecimalConverter.java

* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/defaultprovider/PropertyFileDefaultProvider.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/URICConverter.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/internal/Maps.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/BaseConverter.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/internal/DefaultConverterFactory.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/internal/Sets.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/Parameter.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/converters/BooleanConverter.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/IStringConverter.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/IStringConverterFactory.java

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* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/IPParameterValidator2.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-jar/com/beust/jcommander/IPParameterValidator.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-

jar/com/beust/jcommander/validators/NoValueValidator.java
* /opt/cola/permits/1136044940_1613664795.31/0/jcommander-1-48-sources-1-
jar/com/beust/jcommander/validators/NoValidator.java

1.151 core-js 1.2.7

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1.152 libxcb 1.13.1 2

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1.154 lettuce-core 5.3.1.RELEASE

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1.156 kryo-serializers 0.45

1.157 junit 4.11

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Found in path(s):

- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/csrf/CsrfTokenRepository.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/method/annotation/AuthenticationPrincipalArgumentResolver.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/csrf/InvalidCsrfTokenException.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/csrf/DefaultCsrfToken.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/header/HeaderWriter.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/csrf/CsrfFilter.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/session/AbstractSessionFixationProtectionStrategy.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/header/writers/DelegatingRequestMatcherHeaderWriter.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/session/ChangeSessionIdAuthenticationStrategy.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/csrf/MissingCsrfTokenException.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/session/InvalidSessionAccessDeniedHandler.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/bind/support/AuthenticationPrincipalArgumentResolver.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/csrf/HttpSessionCsrfTokenRepository.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/session/SessionFixationProtectionEvent.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/csrf/CsrfAuthenticationStrategy.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/util/matcher/AnyRequestMatcher.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/csrf/CsrfToken.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/header/writers/XContentTypeOptionsHeaderWriter.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/bind/annotation/AuthenticationPrincipal.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/method/annotation/CsrfTokenArgumentResolver.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/csrf/CsrfException.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/csrf/CsrfLogoutHandler.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/servlet/support/csrf/CsrfRequestDataValueProcessor.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-

jar/org/springframework/security/web/context/AbstractSecurityWebApplicationInitializer.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/session/SessionFixationProtectionStrategy.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/session/CompositeSessionAuthenticationStrategy.java
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Found in path(s):

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* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-  
jar/org/springframework/security/web/header/writers/frameoptions/XFrameOptionsHeaderWriter.java  
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-  
jar/org/springframework/security/web/reactive/result/method/annotation/CurrentSecurityContextArgumentResolver.  
java  
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-  
jar/org/springframework/security/web/header/writers/StaticHeadersWriter.java  
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-  
jar/org/springframework/security/web/header/writers/HpkpHeaderWriter.java  
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-  
jar/org/springframework/security/web/header/writers/XXssProtectionHeaderWriter.java  
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-  
jar/org/springframework/security/web/util/matcher/MediaTypeRequestMatcher.java  
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-  
jar/org/springframework/security/web/authentication/session/ConcurrentSessionControlAuthenticationStrategy.java  
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-  
jar/org/springframework/security/web/header/writers/ClearSiteDataHeaderWriter.java  
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-  
jar/org/springframework/security/web/header/writers/CompositeHeaderWriter.java  
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-  
jar/org/springframework/security/web/method/annotation/CurrentSecurityContextArgumentResolver.java  
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-  
jar/org/springframework/security/web/header/writers/FeaturePolicyHeaderWriter.java  
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
```

jar/org/springframework/security/web/header/writers/ContentSecurityPolicyHeaderWriter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/header/writers/HstsHeaderWriter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/authentication/logout/HeaderWriterServerLogoutHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/AbstractAuthenticationTargetUrlRequestHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/session/ConcurrentSessionFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/header/ClearSiteDataServerHttpHeadersWriter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/AuthenticationConverter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/matcher/AntPathRequestMatcher.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/logout/CookieClearingLogoutHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/matcher/IpAddressMatcher.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/header/HeaderWriterFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/authentication/AuthenticationWebFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/AuthenticationEntryPointFailureHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/logout/HeaderWriterLogoutHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/access/expression/ExpressionBasedFilterInvocationSecurityMetadataSource.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/matcher/RequestMatcher.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/logout/LogoutSuccessEventPublishingLogoutHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/transport/HttpsRedirectWebFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/AuthenticationFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/authentication/ReactivePreAuthenticatedAuthenticationManager.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/www/BasicAuthenticationConverter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/access/intercept/RequestKey.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/csrf/CookieServerCsrfTokenRepository.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/header/writers/ReferrerPolicyHeaderWriter.java

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jar/org/springframework/security/web/util/matcher/RequestVariablesExtractor.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/firewall/StrictHttpFirewall.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/servlet/util/matcher/MvcRequestMatcher.java
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jar/org/springframework/security/web/authentication/www/DigestAuthenticationFilter.java
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jar/org/springframework/security/web/jaasapi/JaasApiIntegrationFilter.java
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jar/org/springframework/security/web/authentication/DelegatingAuthenticationEntryPoint.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/matcher/RequestMatcherEditor.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/matcher/ELRequestMatcher.java
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jar/org/springframework/security/web/csrf/CookieCsrfTokenRepository.java
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* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/session/SessionInformationExpiredEvent.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/csrf/LazyCsrfTokenRepository.java
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* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/context/SecurityContextServerWebExchange.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/csrf/CsrfToken.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/util/matcher/ServerWebExchangeMatchers.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/context/SecurityContextServerWebExchangeWebFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/util/matcher/ServerWebExchangeMatcher.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/authentication/logout/SecurityContextServerLogoutHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/authentication/logout/LogoutWebFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/ui/LogoutPageGeneratingWebFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/header/CompositeServerHttpHeadersWriter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/header/ContentTypeOptionsServerHttpHeadersWriter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/authentication/logout/ServerLogoutSuccessHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-

jar/org/springframework/security/web/server/authentication/RedirectServerAuthenticationSuccessHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/rememberme/PersistentTokenBasedRememberMeServices.java
a
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/csrf/WebSessionServerCsrfTokenRepository.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/csrf/CsrfException.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/savedrequest/ServerRequestCache.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/authentication/RedirectServerAuthenticationFailureHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/authorization/AuthorizationWebFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/csrf/ServerCsrfTokenRepository.java
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jar/org/springframework/security/web/server/WebFilterChainProxy.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/util/matcher/ServerWebExchangeMatcherEntry.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/header/ServerHttpHeadersWriter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/authorization/ExceptionTranslationWebFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
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* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/header/XContentTypeOptionsServerHttpHeadersWriter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/authentication/RedirectServerAuthenticationEntryPoint.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/authentication/ServerAuthenticationFailureHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/ui/LoginPageGeneratingWebFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/ServerAuthenticationEntryPoint.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/savedrequest/ServerRequestCacheWebFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/csrf/DefaultCsrfToken.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/util/matcher/AndServerWebExchangeMatcher.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/ServerFormLoginAuthenticationConverter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/header/XFrameOptionsServerHttpHeadersWriter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/server/authorization/ServerAccessDeniedHandler.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/authentication/rememberme/AbstractRememberMeServices.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/context/ReactorContextWebFilter.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/SecurityWebFilterChain.java
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 jar/org/springframework/security/web/server/authentication/ServerAuthenticationSuccessHandler.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/DelegatingServerAuthenticationEntryPoint.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/WebFilterExchange.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/authentication/logout/ServerLogoutHandler.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/context/NoOpServerSecurityContextRepository.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/header/CacheControlServerHttpHeadersWriter.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/savedrequest/WebSessionServerRequestCache.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/authentication/HttpBasicServerAuthenticationEntryPoint.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/context/ServerSecurityContextRepository.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/authorization/AuthorizationContext.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/authentication/WebFilterChainServerAuthenticationSuccessHandler.java
 va
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/ServerRedirectStrategy.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/authorization/DelegatingReactiveAuthorizationManager.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/util/matcher/MediaTypeServerWebExchangeMatcher.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/header/HttpHeaderWriterWebFilter.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/authentication/ServerAuthenticationEntryPointFailureHandler.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/authorization/HttpStatusServerAccessDeniedHandler.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/authentication/logout/RedirectServerLogoutSuccessHandler.java
 * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
 jar/org/springframework/security/web/server/header/StrictTransportSecurityServerHttpHeadersWriter.java
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- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/util/matcher/NegatedServerWebExchangeMatcher.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/context/request/async/SecurityContextCallableProcessingInterceptor.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/header/StaticServerHttpHeadersWriter.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/authentication/ServerFormLoginAuthenticationConverter.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/authentication/DelegatingServerAuthenticationSuccessHandler.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/MatcherSecurityWebFilterChain.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/authentication/logout/DelegatingServerLogoutHandler.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/csrf/CsrfServerLogoutHandler.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/http/SecurityHeaders.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/header/ContentSecurityPolicyServerHttpHeadersWriter.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/authentication/ServerAuthenticationConverter.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/DefaultServerRedirectStrategy.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/ForwardAuthenticationFailureHandler.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/ForwardAuthenticationSuccessHandler.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/header/FeaturePolicyServerHttpHeadersWriter.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/authentication/HttpStatusServerEntryPoint.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/logout/ForwardLogoutSuccessHandler.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/ExceptionMappingAuthenticationFailureHandler.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/reactive/result/method/annotation/AuthenticationPrincipalArgumentResolver.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/authorization/ServerWebExchangeDelegatingServerAccessDeniedHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/ServerHttpBasicAuthenticationConverter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/header/writers/CacheControlHeadersWriter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/preauth/AbstractPreAuthenticatedProcessingFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/authentication/AnonymousAuthenticationWebFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/authentication/logout/HttpStatusReturningServerLogoutSuccessHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/ui/DefaultLogoutPageGeneratingFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/authentication/ServerHttpBasicAuthenticationConverter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/header/ReferrerPolicyServerHttpHeadersWriter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/firewall/FirewalledResponse.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/reactive/result/view/CsrfRequestDataValueProcessor.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/RequestMatcherDelegatingAccessDeniedHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/context/WebSessionServerSecurityContextRepository.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/util/matcher/PathPatternParserServerWebExchangeMatcher.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/header/XXssProtectionServerHttpHeadersWriter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/SimpleUrlAuthenticationFailureHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/ui/DefaultLoginPageGeneratingFilter.java
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* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/jackson2/PreAuthenticatedAuthenticationTokenDeserializer.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/server/jackson2/WebServerJackson2Module.java
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- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/WebInvocationPrivilegeEvaluator.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/savedrequest/FastDateFormat.java
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- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/channel/InsecureChannelProcessor.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/WebAuthenticationDetailsSource.java
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- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/channel/ChannelDecisionManagerImpl.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/session/HttpSessionDestroyedEvent.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/savedrequest/Enumerator.java
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* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/www/DigestAuthenticationEntryPoint.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/www/BasicAuthenticationEntryPoint.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/rememberme/RememberMeAuthenticationFilter.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/AbstractAuthenticationProcessingFilter.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/channel/RetryWithHttpEntryPoint.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/switchuser/SwitchUserFilter.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/servletapi/SecurityContextHolderAwareRequestFilter.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/switchuser/SwitchUserGrantedAuthority.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/channel/ChannelProcessingFilter.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/PortResolver.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/logout/LogoutHandler.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/RememberMeServices.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/savedrequest/SimpleSavedRequest.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/switchuser/AuthenticationSwitchUserEvent.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/FilterChainProxy.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/LoginUrlAuthenticationEntryPoint.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/channel/ChannelProcessor.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/logout/LogoutFilter.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/intercept/FilterSecurityInterceptor.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/channel/ChannelEntryPoint.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/WebAuthenticationDetails.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/AccessDeniedHandler.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/www/BasicAuthenticationFilter.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/session/HttpSessionCreatedEvent.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/DefaultWebInvocationPrivilegeEvaluator.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/channel/SecureChannelProcessor.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/AuthenticationEntryPoint.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/intercept/DefaultFilterInvocationSecurityMetadataSource.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/AnonymousAuthenticationFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/session/HttpSessionEventPublisher.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/AccessDeniedHandlerImpl.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/channel/ChannelDecisionManager.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/channel/RetryWithHttpsEntryPoint.java

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- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/savedrequest/SavedRequest.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/session/SimpleRedirectSessionInformationExpiredStrategy.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/rememberme/RememberMeAuthenticationException.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/package-info.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/expression/WebExpressionVoter.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/savedrequest/HttpSessionRequestCache.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/header/writers/frameoptions/WhiteListedAllowFromStrategy.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/expression/DefaultWebSecurityExpressionHandler.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/debug/Logger.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/util/RedirectUrlBuilder.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/rememberme/CookieTheftException.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/preauth/RequestHeaderAuthenticationFilter.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/package-info.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/channel/package-info.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/access/expression/package-info.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/preauth/websphere/WebSpherePreAuthenticatedWebAuthenticationDetailsSource.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/jaasapi/package-info.java
- * /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-

jar/org/springframework/security/web/authentication/session/package-info.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/WebAttributes.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/access/channel/AbstractRetryEntryPoint.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/session/SimpleRedirectInvalidSessionStrategy.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/context/request/async/WebAsyncManagerIntegrationFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/firewall/RequestWrapper.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/logout/DelegatingLogoutSuccessHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/session/package-info.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/matcher/NegatedRequestMatcher.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/preauth/RequestAttributeAuthenticationFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/session/NullAuthenticatedSessionStrategy.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/servletapi/HttpServletRequestRequestFactory.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/context/SecurityContextRepository.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/DefaultRedirectStrategy.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/header/writers/frameoptions/AllowFromStrategy.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/logout/LogoutSuccessHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/context/NullSecurityContextRepository.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/preauth/j2ee/J2eeBasedPreAuthenticatedWebAuthenticationD
etailsSource.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/TextEscapeUtils.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/session/SessionManagementFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/header/Header.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/preauth/PreAuthenticatedGrantedAuthoritiesWebAuthenticatio
nDetails.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/access/expression/WebSecurityExpressionRoot.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-

jar/org/springframework/security/web/authentication/session/RegisterSessionAuthenticationStrategy.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/servletapi/HttpServletRequestFactory.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/DefaultSecurityFilterChain.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/preauth/websphere/DefaultWASUsernameAndGroupsExtracto
r.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/preauth/PreAuthenticatedAuthenticationToken.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/rememberme/PersistentRememberMeToken.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/preauth/x509/X509PrincipalExtractor.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/SimpleUrlAuthenticationSuccessHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/OnCommittedResponseWrapper.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/ui/package-info.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/Http403ForbiddenEntryPoint.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/preauth/j2ee/package-info.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/preauth/x509/X509AuthenticationFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/savedrequest/NullRequestCache.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/preauth/websphere/WASUsernameAndGroupsExtractor.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/logout/HttpStatusReturningLogoutSuccessHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/preauth/package-info.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/RedirectStrategy.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/HttpStatusEntryPoint.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/savedrequest/RequestCache.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/session/InvalidSessionStrategy.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/SecurityFilterChain.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/matcher/RegexRequestMatcher.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/package-info.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/preauth/PreAuthenticatedGrantedAuthoritiesUserDetailsService.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/SavedRequestAwareAuthenticationSuccessHandler.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/firewall/DefaultHttpFirewall.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/savedrequest/SavedCookie.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/preauth/websphere/package-info.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/context/SecurityContextPersistenceFilter.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/preauth/j2ee/WebXmlMappableAttributesRetriever.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/context/HttpRequestResponseHolder.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/context/SaveContextOnUpdateOrErrorResponseWrapper.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/rememberme/InMemoryTokenRepositoryImpl.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/firewall/FirewalledRequest.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/preauth/PreAuthenticatedCredentialsNotFoundException.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/preauth/x509/package-info.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/context/package-info.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/jackson2/package-info.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/AuthenticationFailureHandler.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/switchuser/SwitchUserAuthorityChanger.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/servletapi/package-info.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/www/package-info.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/util/ThrowableAnalyzer.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/firewall/HttpFirewall.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/session/SessionAuthenticationStrategy.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/AuthenticationSuccessHandler.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-

jar/org/springframework/security/web/authentication/package-info.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/context/HttpSessionSecurityContextRepository.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/header/writers/frameoptions/StaticAllowFromStrategy.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/rememberme/PersistentTokenRepository.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/access/intercept/package-info.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/ThrowableCauseExtractor.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/logout/package-info.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/logout/CompositeLogoutHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/switchuser/package-info.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/session/SessionAuthenticationException.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/rememberme/InvalidCookieException.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/header/writers/frameoptions/AbstractRequestParameterAllowFromStrategy.java
va
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/preauth/j2ee/J2eePreAuthenticatedProcessingFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/rememberme/package-info.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/debug/DebugFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/preauth/x509/SubjectDnX509PrincipalExtractor.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/savedrequest/package-info.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/preauth/PreAuthenticatedAuthenticationProvider.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/access/expression/WebExpressionConfigAttribute.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/header/writers/frameoptions/RegExpAllowFromStrategy.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/authentication/www/DigestAuthUtils.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/matcher/AndRequestMatcher.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/firewall/RequestRejectedException.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/matcher/OrRequestMatcher.java

* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/logout/SimpleUrlLogoutSuccessHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/authentication/preauth/websphere/WebSpherePreAuthenticatedProcessingFilter.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/savedrequest/RequestCacheAwareFilter.java
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* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/jackson2/DefaultSavedRequestMixin.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/session/SessionInformationExpiredStrategy.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/jackson2/CookieDeserializer.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/jackson2/WebAuthenticationDetailsMixin.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/jackson2/SavedCookieMixin.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/jackson2/ServletJackson2Module.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/jackson2/CookieMixin.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/jackson2/PreAuthenticatedAuthenticationTokenMixin.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-jar/org/springframework/security/web/jackson2/WebJackson2Module.java
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jar/org/springframework/security/web/authentication/DelegatingAuthenticationFailureHandler.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/context/support/SecurityWebApplicationContextUtils.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/access/expression/EvaluationContextPostProcessor.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/access/expression/AbstractVariableEvaluationContextPostProcessor.java
* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/access/DelegatingAccessDeniedHandler.java
```

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* /opt/ws_local/PERMITS_SQL/1072987844_1595248238.57/0/spring-security-web-5-3-3-release-sources-
jar/org/springframework/security/web/util/matcher/RequestHeaderRequestMatcher.java
```

1.160 findutils 4.6.0+git+20190209 2

1.160.1 Available under license :

It was downloaded from <ftp://ftp.gnu.org/gnu/findutils>

Debian maintainer history: The original package was put together by Ian Murdock <imurdock@debian.org>, afterwards Kevin Dalley <kevind@rahul.net> took over. 2003-07 Andreas Metzler <ametzler@debian.org> followed.

Upstream Authors:

* GNU find was written by Eric Decker <cire@cisco.com>, with enhancements by David MacKenzie <djm@gnu.org>, Jay Plett <jay@silence.princeton.nj.us>, and Tim Wood <axolotl!tim@toad.com>.

The idea for -print0 and xargs -0 came from Dan Bernstein <brnstnd@kramden.acf.nyu.edu>.

Improvements have been made by James Youngman <jay@gnu.org>.

* GNU xargs

was originally written by Mike Rendell, with enhancements by David MacKenzie. Modifications by James Youngman Dmitry V. Levin

* GNU locate and its associated utilities were originally

written by James Woods, with enhancements by David MacKenzie, James Youngman and Bas van Gompel.

Upstream's AUTHORS lists these major contributors:

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Bernhard Voelker <mail@bernhard-voelker.de>

Current upstream maintainer is James Youngman <jay@gnu.org>.

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1.161 spring-security-crypto 5.3.3.RELEASE

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* /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/password/DelegatingPasswordEncoder.java
* /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/password/Md4PasswordEncoder.java
* /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/password/Pbkdf2PasswordEncoder.java
* /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/password/MessageDigestPasswordEncoder.java
* /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/keygen/Base64StringKeyGenerator.java

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jar/org/springframework/security/crypto/password/Digester.java
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 */
/**
 * Base64 encoder which is a reduced version of Robert Harder's public domain
 * implementation (version 2.3.7). See <a
 * href="http://iharder.sourceforge.net/current/java/base64/">http://iharder.sourceforge.net/current/java/base64/</a>
 * for more information.
 * <p>
 * For internal use only.
 *
 * @author Luke Taylor
 * @since 3.0
 */
```

* @deprecated Use java.util.Base64

*/

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* /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/codecs/Base64.java

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 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/password/PasswordEncoderUtils.java
 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/factory/PasswordEncoderFactories.java
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 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/encrypt/HexEncodingTextEncryptor.java
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 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/encrypt/BouncyCastleAesBytesEncryptor.java
 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/encrypt/CipherUtils.java
 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/password/StandardPasswordEncoder.java
 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/util/EncodingUtils.java
 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/keygen/StringKeyGenerator.java
 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/keygen/HexEncodingStringKeyGenerator.java
 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/encrypt/BouncyCastleAesGcmBytesEncryptor.java
 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/keygen/SharedKeyGenerator.java
 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/password/PasswordEncoder.java
 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/keygen/BytesKeyGenerator.java
 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/keygen/SecureRandomBytesKeyGenerator.java
 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/encrypt/TextEncryptor.java
 - * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/encrypt/AesBytesEncryptor.java
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 * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/codec/Hex.java
 * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/codec/package-info.java
 * /opt/cola/permits/1135880092_1613624048.43/0/spring-security-crypto-5-3-3-release-sources-1-jar/org/springframework/security/crypto/password/AbstractPasswordEncoder.java

1.162 libgrypt 1.8.4 5

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Assignment for future changes terminated on 2012-12-04.

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Wrote cipher/twofish.c.

GNUPG Natural Resources Canada 1998-08-11

Disclaims changes by Matthew Skala.

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Changes and bug fixes all over the place.

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Assigns past and future changes. (g10/compress.c, g10/encr-data.c,
g10/free-packet.c, g10/mdfilter.c, g10/plaintext.c, util/iobuf.c)

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ANY g10 Code GmbH 2001-06-07
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Code marked with ChangeLog entries of g10 Code employees.

LIBGCRYPT Timo Schulz 2001-08-31
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LIBGCRYPT Moritz Schulte 2003-04-17
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GNUTLS Nikolaos Mavrogiannopoulos 2003-11-22
nmav@gnutls.org
Original code for cipher/rfc2268.c.

LIBGCRYPT The Written Word 2005-04-15
Assigns past and future changes. (new: src/libgrypt.pc.in,
src/Makefile.am, src/secmem.c, mpi/hppa1.1/mpih-mul3.S,
mpi/hppa1.1/udiv-qrnnd.S, mpi/hppa1.1/mpih-mul2.S,
mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

LIBGCRYPT Brad Hards 2006-02-09
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bradh@frogmouth.net
(Added OFB mode. Changed cipher/cipher.c, test/basic.c doc/gcrypt.tex.
added SHA-224, changed cipher/sha256.c, added HMAC tests.)

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LIBGCRYPT Werner Dittmann 2009-05-20
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LIBGCRYPT Ulrich Maller 2012-02-15
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(Changes to cipher/idea.c and related files)

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* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/SecretDecor.java
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* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/MsDecor.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/PreFormatter.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/package-info.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-
jar/com/jcabi/log/VerboseRunnable.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/ExceptionDecor.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/DomDecor.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/NanoDecor.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/TypeDecor.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/ListDecor.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/SizeDecor.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-
jar/com/jcabi/log/MulticolorLayout.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/VerboseProcess.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/DecorException.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/TextDecor.java
* /opt/cola/permits/1145228681_1618217528.32/0/jcabi-log-0-14-sources-2-jar/com/jcabi/log/DecorsManager.java

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* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/management/PooledDataSourceManager.java
 * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/JavaBeanRefTest.java
 * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/NullStatementSetManagedResultSet.java
 * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/C3P0BenchmarkApp.java
 * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/resourcepool/ResourcePoolEventSupport.java
 * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/PoolConfig.java
 * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/stmt/PerConnectionMaxOnlyStatementCache.java
 * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/AbstractConnectionTester.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/OneThreadRepeatedInsertOrQueryTest.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/IdentityTokenized.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/cfg/C3P0ConfigFinder.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/PoolBackedDataSource.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/example/IsValidOnlyConnectionTester30.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/resourcepool/EventSupportingResourcePool.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/filter/FilterDataSource.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/JndiLookupTest.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/AbstractConnectionCustomizer.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/SetManagedResultSet.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/off/servlet/C3P0StatusServlet.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/DriverManagerDataSourceFactory.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/DbAuth.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/junit/MarshallUnmarshallDataSourcesJUnitTestCase.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/management/PooledDataSourceManagerMBean.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/InternalPooledConnection.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/util/ConnectionEventSupport.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/C3P0JavaBeanObjectFactory.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/management/C3P0RegistryManagerMBean.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/stmt/GooGooStatementCache.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/WrapperConnectionPoolDataSource.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/codegen/BeangenDataSourceGenerator.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/DefaultConnectionTester.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/stmt/MemoryCoalescedStatementCacheKey.java

- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/PooledDataSource.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/ProxyResultSetDetachable.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/stmt/GlobalMaxOnlyStatementCache.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/InterruptedBatchTest.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/cfg/C3P0ConfigXmlUtils.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/cfg/NamedScope.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/PoolBackedDataSourceFactory.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/SetManagedDatabaseMetaData.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/management/DynamicPooledDataSourceManagerMBean.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/example/InitSqlConnectionCustomizer.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/AbstractComboPooledDataSource.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/C3P0Defaults.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/FreezableDriverManagerDataSource.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/resourcepool/ResourcePoolFactory.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/AuthMaskingProperties.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/resourcepool/ResourcePoolException.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/management/ActiveManagementCoordinator.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/util/CloseReportingConnectionWrapper.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/AbstractC3P0PooledConnection.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/cfg/C3P0Config.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/ListTablesTest.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/IdentityTokenResolvable.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/StatsTest.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/debug/ConstructionLoggingComboPooledDataSource.java

* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/LoadPoolBackedDataSource.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/TestRefSerStuff.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/C3P0PooledConnection.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/jboss/C3P0PooledDataSourceMBean.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/management/NullManagementCoordinator.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/resourcepool/ResourcePoolUtils.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/util/TestUtils.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/DataSources.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/util/IsValidOnlyConnectionTester.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/cfg/DefaultC3P0ConfigFinder.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/ConnectionDispersionTest.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/ConnectionTester.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/util/StatementEventSupport.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/AbstractPoolBackedDataSource.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/C3P0PooledConnectionPool.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/TestConnectionCustomizer.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/DriverManagerDataSource.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/C3P0Registry.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/codegen/JdbcProxyGenerator.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/JndiRefConnectionPoolDataSource.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/jboss/C3P0PooledDataSource.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/AlwaysFailDataSource.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/mbean/C3P0PooledDataSource.java
* /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/SQLWarnings.java

- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/C3P0ProxyConnection.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/junit/C3P0JUnitTestCaseBase.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/C3P0PooledConnectionPoolManager.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/resourcepool/NoGoodResourcesException.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/JndiBindTest.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/stmt/StatementCacheBenchmark.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/JndiRefForwardingDataSource.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/AlwaysFailConnectionTester.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/C3P0ProxyStatement.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/stmt/StatementCacheKey.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/test/RawConnectionOpTest.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/ConnectionCustomizer.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/resourcepool/CannotAcquireResourceException.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/mbean/C3P0PooledDataSourceMBean.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/debug/AfterCloseLoggingComboPooledDataSource.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/resourcepool/ResourcePool.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/debug/CloseLoggingComboPooledDataSource.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/FullQueryConnectionTester.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/management/C3P0RegistryManager.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/QueryConnectionTester.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/ComboPooledDataSource.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/debug/AfterCloseLoggingConnectionWrapper.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/resourcepool/BasicResourcePoolFactory.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/codegen/UnsupportedParentLoggerGeneratorExtension.java

- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/resourcepool/ResourcePoolEvent.java
- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/management/ManagementCoordinator.java
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- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/impl/AbstractIdentityTokenized.java
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- * /opt/cola/permits/1150985920_1654022816.8854094/0/c3p0-0-9-5-2-sources-3-jar/com/mchange/v2/c3p0/stmt/DoubleMaxStatementCache.java
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* /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/proxy/ResultSetProxy.java
* /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/proxy/IHikariConnectionProxy.java
* /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/util/IBagStateListener.java
* /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/pool/GlobalPoolLock.java
* /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/proxy/ProxyFactory.java
* /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/pool/LeakTask.java
* /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/AbstractHikariConfig.java
* /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/HikariConfig.java
* /opt/cola/permits/1184455681_1627567242.79/0/hikaricp-java6-2-3-13-sources-5-jar/com/zaxxer/hikari/util/DefaultThreadFactory.java

1.169 commons-csv 1.4

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1.170 hamcrest 1.3

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#
# Don't put empty lines into this file!
#
.gitignore
#
builds/unix/pkg.m4
#
docs/FTL.TXT
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/zip/adler32.c
```

```
src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h
#
src/tools/apinames.c
src/tools/ftrandom/ftrandom.c
#
# EOF
```

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1.172 shadow 4.5-1.1

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Upstream source <https://invisible-island.net/ncurses/ncurses.html>

This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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1.174 libffi 3.2.1 9

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This package was debianized by Matthias Klose <doko@debian.org>
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Upstream Authors:

Anthony Green <green@redhat.com>

GCC developers

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1.175 spring-security-oauth 2.3.8.RELEASE

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* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
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* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-jar/org/springframework/security/oauth/provider/ConsumerAuthentication.java
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* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-jar/org/springframework/security/oauth/config/ConsumerServiceBeanDefinitionParser.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-jar/org/springframework/security/oauth/config/OAuthProviderBeanDefinitionParser.java
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* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-jar/org/springframework/security/oauth/config/OAuthConsumerBeanDefinitionParser.java

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- * /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-jar/org/springframework/security/oauth/consumer/net/OAuthURLStreamHandlerFactory.java
- * /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-jar/org/springframework/security/oauth/common/signature/SharedConsumerSecret.java
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- * /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-jar/org/springframework/security/oauth/provider/OAuthVersionUnsupportedException.java
- * /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-jar/org/springframework/security/oauth/provider/filter/CoreOAuthProviderSupport.java
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- * /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-jar/org/springframework/security/oauth/common/OAuthProviderParameter.java
- * /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-jar/org/springframework/security/oauth/provider/attributes/ConsumerSecurityConfig.java
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jar/org/springframework/security/oauth/common/signature/OAuthSignatureMethodFactory.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/common/signature/SignatureSecretEditor.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/consumer/token/HttpSessionBasedTokenServices.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/OAuthAuthenticationDetails.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/consumer/nonce/NonceFactory.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/token/InMemoryProviderTokenServices.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/config/ExpressionHandlerBeanDefinitionParser.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/config/VerifierServiceBeanDefinitionParser.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-

jar/org/springframework/security/oauth/common/signature/RSAKeySecret.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/ResourceSpecificConsumerDetails.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/ConsumerDetailsService.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/common/OAuthException.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/consumer/token/OAuthConsumerTokenServices.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/common/signature/InvalidSignatureException.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/ConsumerCredentials.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/common/signature/SignatureSecret.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/common/signature/OAuthSignatureMethod.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/nonce/NullNonceServices.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/config/OAuthSecurityNamespaceHandler.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/nonce/OAuthNonceServices.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/nonce/ExpiringTimestampNonceServices.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/consumer/BaseProtectedResourceDetails.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/attributes/ConsumerRolesAllowed.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/consumer/UnverifiedRequestTokenException.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/common/signature/PlainTextSignatureMethod.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/token/OAuthProviderTokenImpl.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/token/OAuthAccessProviderToken.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/nonce/NonceAlreadyUsedException.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/common/OAuthCodec.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/token/ExpiredOAuthTokenException.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/OAuthProviderSupport.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/token/InvalidOAuthTokenException.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-

jar/org/springframework/security/oauth/common/signature/HMAC_SHA1SignatureMethod.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/nonce/InMemoryNonceServices.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/consumer/OAuthConsumerToken.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/attributes/ConsumerSecurityVoter.java
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/provider/ConsumerDetails.java
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1070651034_1594726134.88/0/spring-security-oauth-2-3-8-release-sources-1-
jar/org/springframework/security/oauth/config/ConsumerDetailsFactoryBean.java
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Found in path(s):

1.176 brave 5.12.3

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1.177 servo-core 0.12.21

1.178 brave-instrumentation-kafka-streams

5.12.3

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1.179 junit 4.10

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1.180 spring-cloud-netflix-archaius

2.2.3.RELEASE

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- * /opt/cola/permits/1137898389_1614163545.94/0/spring-cloud-netflix-archaius-2-2-3-release-sources-1-jar/org/springframework/cloud/netflix/archaius/ArchaiusAutoConfiguration.java
- * /opt/cola/permits/1137898389_1614163545.94/0/spring-cloud-netflix-archaius-2-2-3-release-sources-1-jar/org/springframework/cloud/netflix/archaius/ConfigurableEnvironmentConfiguration.java
- * /opt/cola/permits/1137898389_1614163545.94/0/spring-cloud-netflix-archaius-2-2-3-release-sources-1-jar/org/springframework/cloud/netflix/archaius/ArchaiusDelegatingProxyUtils.java
- * /opt/cola/permits/1137898389_1614163545.94/0/spring-cloud-netflix-archaius-2-2-3-release-sources-1-jar/org/springframework/cloud/netflix/archaius/ArchaiusEndpoint.java

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- * /opt/cola/permits/1137898389_1614163545.94/0/spring-cloud-netflix-archaius-2-2-3-release-sources-1-jar/META-INF/maven/org.springframework.cloud/spring-cloud-netflix-archaius/pom.xml

1.181 ws-commons-util 1.0.2

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1.182 vdom-virtualize 2.0.0

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```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1047774556_1590612060.18/0/vdom-virtualize-2-0-0-1-tgz/package/index.js
```

1.183 libbsd 0.9.1 2+deb10u1

1.183.1 Available under license :

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1.184 feign-form-spring 3.8.0

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1.185 des.js 1.0.1

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* /opt/ws_local/PERMITS_SQL/1047774479_1591200443.92/0/des-js-1-0-1-4-tgz/package/README.md

1.186 expat 2.2.6 2+deb10u1

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1.187 udev 1.6.13

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1.188 react-lifecycles-compat 3.0.4

1.188.1 Available under license :

MIT

1.189 zipkin 2.21.1

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Manifest-Version: 1.0
Created-By: Apache Maven Bundle Plugin
Build-Jdk-Spec: 13
Automatic-Module-Name: zipkin2
Bnd-LastModified: 1586931162540
Build-Jdk: 13.0.2
Built-By: travis
Bundle-Description: Zipkin (Parent)
Bundle-DocURL: <http://zipkin.io/>
Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>
Bundle-ManifestVersion: 2
Bundle-Name: Zipkin Core Library
Bundle-SymbolicName: io.zipkin.zipkin2.zipkin
Bundle-Vendor: OpenZipkin
Bundle-Version: 2.21.1
Export-Package: zipkin2;version="2.21.1";uses:="zipkin2.codec,zipkin2.internal",zipkin2.codec;version="2.21.1";uses:="zipkin2,zipkin2.internal",zipkin2.storage;version="2.21.1";uses:="zipkin2,zipkin2.internal",zipkin2.v1;version="2.21.1";uses:="zipkin2,zipkin2.internal",zipkin2.internal;zipkin2internal=true;mandatory:=zipkin2internal;version="2.21.1";uses:="zipkin2,zipkin2.storage,zipkin2.v1"
Import-Package: zipkin2;version="[2.21,3)",zipkin2.codec;version="[2.21,3)",zipkin2.internal;version="[2.21,3)";zipkin2internal=true,zipkin2.storage;version="[2.21,3)",zipkin2.v1;version="[2.21,3)"
Originally-Created-By: Apache Maven Bundle Plugin
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-4.2.0.201903051501

Found in path(s):

* /opt/cola/permits/1096695204_1601878596.36/0/zipkin-2-21-1-jar/META-INF/MANIFEST.MF

1.190 evp_bytestokey 1.0.3

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1.191 fonts-dejavu 2.37-1

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1.192 libgpg-error 1.35 1

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1.193 ngclipboard 1.1.1

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1.194 angular-bootstrap-slider 0.1.26

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1.195 alsa-lib 1.1.8-1

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1.201 jakarta-ws-rs-api 2.1.5

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```
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```

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```
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```

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Source Code

The project maintains the following source code repositories:

* <https://github.com/eclipse-ee4j/jaxrs-api>

Third-party Content

This project leverages the following third party content.

javaee-api (7.0)

* License: Apache-2.0 AND W3C

JUnit (4.11)

* License: Common Public License 1.0

Mockito (2.16.0)

* Project: <http://site.mockito.org>

* Source: <https://github.com/mockito/mockito/releases/tag/v2.16.0>

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1.202 elliptic 6.5.4

1.202.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
!function(e){"object"==typeof exports&&"undefined"!=typeof module?module.exports=e():"function"==typeof
define&&define.amd?define([],e):("undefined"!=typeof window?window:"undefined"!=typeof
global?global:"undefined"!=typeof self?self:this).elliptic=e()}(function(){return function r(f,d,n){function
a(t,e){if(!d[t]){if(!f[t]){var i="function"==typeof require&&require;if(!e&&i)return i(t,!0);if(s)return
s(t,!0);throw(i=new Error("Cannot find module
"+t+"")).code="MODULE_NOT_FOUND",i}i=d[t]={exports:{},f[t][0].call(i.exports,function(e){return
a(f[t][1][e]|e)},i,i.exports,r,f,d,n)}return d[t].exports}for(var s="function"==typeof
require&&require,e=0;e<n.length;e++)a(n[e]);return a}({1:[function(e,t,i){"use
strict";i.version=e("../package.json").version,i.utils=e("./elliptic/utils"),i.rand=e("brorand"),i.curve=e("./elliptic/curv
e"),i.curves=e("./elliptic/curves"),i.ec=e("./elliptic/ec"),i.eddsa=e("./elliptic/eddsa")},{"../package.json":35,"./elliptic
/curve":4,"./elliptic/curves":7,"./elliptic/ec":8,"./elliptic/eddsa":11,"./elliptic/utils":15,brorand:17}],2:[function(e,t,i){
"use strict";var r=e("bn.js"),f=e("./utils"),x=f.getNAF,I=f.getJSF,o=f.assert;function d(e,t){this.type=e,this.p=new
r(t.p,16),this.red=t.prime?r.red(t.prime):r.mont(this.p),this.zero=new r(0).toRed(this.red),this.one=new
r(1).toRed(this.red),this.two=new r(2).toRed(this.red),this.n=t.n&&new
r(t.n,16),this.g=t.g&&this.pointFromJSON(t.g,t.gRed),this._wnafT1=new Array(4),this._wnafT2=new
Array(4),this._wnafT3=new Array(4),this._wnafT4=new
Array(4),this._bitLength=this.n?this.n.bitLength():0;t=this.n&&this.p.div(this.n);!t|0<t.cmpn(100)?this.redN=null:(t
his._maxwellTrick=!0,this.redN=this.n.toRed(this.red))}function
n(e,t){this.curve=e,this.type=t,this.precomputed=null}(t.exports=d).prototype.point=function(){throw new
Error("Not implemented")},d.prototype.validate=function(){throw new Error("Not
implemented")},d.prototype._fixedNafMul=function(e,t){o(e.precomputed);var
i=e._getDoubles(),r=x(t,1,this._bitLength),t=(1<<i.step+1)-(i.step%2===0?2:1);t/=3;for(var
f,d=[],n=0;n<r.length;n+=i.step){f=0;for(var a=n+i.step-1;n<=a;a--)=f<<1+r[a];d.push(f)}for(var
s=this.jpoint(null,null,null),c=this.jpoint(null,null,null),h=t;0<h;h--
){for(n=0;n<d.length;n++){f=d[n]===h?c=c.mixedAdd(i.points[n]):f===-
h&&(c=c.mixedAdd(i.points[n].neg()));s=s.add(c)}return s.toP()},d.prototype._wnafMul=function(e,t){for(var
i=e._getNAFPoints(4),r=i.wnd,f=i.points,d=x(t,r,this._bitLength),n=this.jpoint(null,null,null),a=d.length-1;0<=a;a--
){for(var s=0;0<=a&&0===d[a];a--)=s++;if(0<=a&&s++,n=n.dblp(s),a<0)break;var
c=d[a];o(0!==c),n="affine"===e.type?0<c?n.mixedAdd(f[c-1>>1]):n.mixedAdd(f[-c-1>>1].neg()):0<c?n.add(f[c-
1>>1]):n.add(f[-c-
1>>1].neg())}return"affine"===e.type?n.toP():n},d.prototype._wnafMulAdd=function(e,t,i,r,f){for(var
d,n=this._wnafT1,a=this._wnafT2,s=this._wnafT3,c=0,h=0;h<r;h++){var
o=(d=t[h])._getNAFPoints(e);n[h]=o.wnd,a[h]=o.points}for(h=r-1;1<=h;h=2){var u=h-
1,b=h;if(1===n[u]&&1===n[b]){var
l=[t[u],null,null,t[b]];0===t[u].y.cmp(t[b].y)?(l[1]=t[u].add(t[b]),l[2]=t[u].toJ().mixedAdd(t[b].neg())):0===t[u].y.c
mp(t[b].y.redNeg())?(l[1]=t[u].toJ().mixedAdd(t[b]),l[2]=t[u].add(t[b].neg())):(l[1]=t[u].toJ().mixedAdd(t[b]),l[2]=t[
u].toJ().mixedAdd(t[b].neg()));var p=[-3,-1,-5,-7,0,7,5,1,3],m=I(i[u],i[b]),c=Math.max(m[0].length,c);for(s[u]=new
Array(c),s[b]=new Array(c),_=0;_<c;_++){var
v=0,m[0][_],g=0,m[1][_],s[u][_]=p[3*(1+v)+(1+g)],s[b][_]=0,a[u]=1}else
s[u]=x(i[u],n[u],this._bitLength),s[b]=x(i[b],n[b],this._bitLength),c=Math.max(s[u].length,c),c=Math.max(s[b].lengt
h,c)}var y=this.jpoint(null,null,null),M=this._wnafT4;for(h=c;0<=h;h--){for(var w=0;0<=h;){for(var
S=!0,_=0;_<r;_++)M[_]=0|s[_][h],0!==M[_]&&(S=1);if(!S)break;w++,h--
}if(0<=h&&w++,y=y.dblp(w),h<0)break;for(_=0;_<r;_++){var A=M[_];0!==A&&(0<A?d=a[_][A-
1>>1]:A<0&&(d=a[_][-A-
1>>1].neg()),y="affine"===d.type?y.mixedAdd(d):y.add(d)}}for(h=0;h<r;h++)a[h]=null;return
```

```

f?y:y.toP()),(d.BasePoint=n).prototype.eq=function(){throw new Error("Not
implemented")},n.prototype.validate=function(){return
this.curve.validate(this)},d.prototype.decodePoint=function(e,t){e=f.toArray(e,t);t=this.p.byteLength();if(((4===e[0]
|6===e[0]|7===e[0])&&e.length-1===2*t))return 6===e[0]?o(e[e.length-1]%2===0):7===e[0]&&o(e[e.length-
1]%2===1),this.point(e.slice(1,1+t),e.slice(1+t,1+2*t));if((2===e[0]|3===e[0])&&e.length-1===t)return
this.pointFromX(e.slice(1,1+t),3===e[0]);throw new Error("Unknown point
format")},n.prototype.encodeCompressed=function(e){return
this.encode(e,10)},n.prototype._encode=function(e){var
t=this.curve.p.byteLength(),i=this.getX().toArray("be",t);return
e?[this.getY().isEven()?2:3].concat(i):[4].concat(i,this.getY().toArray("be",t))},n.prototype.encode=function(e,t){ret
urn f.encode(this._encode(t),e)},n.prototype.precompute=function(e){if(this.precomputed)return this;var
t={doubles:null,naf:null,beta:null};return
t.naf=this._getNAFPoints(8),t.doubles=this._getDoubles(4,e),t.beta=this._getBeta(),this.precomputed=t,this},n.proto
type._hasDoubles=function(e){if(!this.precomputed)return !1;var
t=this.precomputed.doubles;return!!t&&t.points.length>=Math.ceil((e.bitLength()+1)/t.step)},n.prototype._getDoub
les=function(e,t){if(this.precomputed&&this.precomputed.doubles)return this.precomputed.doubles;for(var
i=[this],r=this,f=0;f<t;f+=e){for(var
d=0;d<e;d++)r=r.dbl();i.push(r)}return{step:e,points:i}},n.prototype._getNAFPoints=function(e){if(this.precompute
d&&this.precomputed.naf)return this.precomputed.naf;for(var t=[this],i=(1<<e)-
1,r=1==i?null:this.dbl(),f=1;f<i;f++)t[f]=t[f-
1].add(r);return{wnd:e,points:t}},n.prototype._getBeta=function(){return
null},n.prototype.dblp=function(e){for(var t=this,i=0;i<e;i++)t=t.dbl();return
t},{"/utils":15,"bn.js":16}],3:[function(e,t,i){"use strict";var
r=e("./utils"),d=e("bn.js"),f=e("inherits"),n=e("./base"),a=r.assert;function
s(e){this.twisted=1!=(0|e.a),this.mOneA=this.twisted&&-
1==(0|e.a),this.extended=this.mOneA,n.call(this,"edwards",e),this.a=new
d(e.a,16).umod(this.red.m),this.a=this.a.toRed(this.red),this.c=new
d(e.c,16).toRed(this.red),this.c2=this.c.redSqr(),this.d=new
d(e.d,16).toRed(this.red),this.dd=this.d.redAdd(this.d),a(!this.twisted||0===this.c.fromRed().cmpn(1)),this.oneC=1=
=(0|e.c)}function
c(e,t,i,r,f){n.BasePoint.call(this,e,"projective"),null===t&&null===i&&null===r?(this.x=this.curve.zero,this.y=this.
curve.one,this.z=this.curve.one,this.t=this.curve.zero,this.zOne=!0):(this.x=new d(t,16),this.y=new
d(i,16),this.z=r?new d(r,16):this.curve.one,this.t=f&&new
d(f,16),this.x.red||(this.x=this.x.toRed(this.curve.red)),this.y.red||(this.y=this.y.toRed(this.curve.red)),this.z.red||(this.
z=this.z.toRed(this.curve.red)),this.t&&!this.t.red&&(this.t=this.t.toRed(this.curve.red)),this.zOne=this.z===this.cu
ve.one,this.curve.extended&&!this.t&&(this.t=this.x.redMul(this.y),this.zOne||(this.t=this.t.redMul(this.z.redInvm()
))))}f(s,n),(t.exports=s).prototype._mulA=function(e){return
this.mOneA?e.redNeg():this.a.redMul(e)},s.prototype._mulC=function(e){return
this.oneC?e.this.c.redMul(e)},s.prototype.jpoint=function(e,t,i,r){return
this.point(e,t,i,r)},s.prototype.pointFromX=function(e,t){var i=(e!=(e=new
d(e,16)).red?e.toRed(this.red):e).redSqr(),r=this.c2.redSub(this.a.redMul(i)),i=this.one.redSub(this.c2.redMul(this.d)
.redMul(i)),r=r.redMul(i.redInvm()),i=r.redSqr();if(0!==(i.redSqr().redSub(r).cmp(this.zero)))throw new
Error("invalid
point");r=i.fromRed().isOdd();return(t&&!r||!t&&r)&&(i=i.redNeg()),this.point(e,i)},s.prototype.pointFromY=funct
ion(e,t){var i=(e!=(e=new
d(e,16)).red?e.toRed(this.red):e).redSqr(),r=i.redSub(this.c2),i=i.redMul(this.d).redMul(this.c2).redSub(this.a),r=r.re
dMul(i.redInvm());if(0===r.cmp(this.zero)){if(t)throw new Error("invalid point");return
this.point(this.zero,e)}i=r.redSqr();if(0!==(i.redSqr().redSub(r).cmp(this.zero)))throw new Error("invalid

```

```

point");return
i.fromRed().isOdd()!==t&&(i=i.redNeg()),this.point(i,e),s.prototype.validate=function(e){if(e.isInfinity())return!0;
e.normalize();var
t=e.x.redSqr(),i=e.y.redSqr(),e=t.redMul(this.a).redAdd(i),i=this.c2.redMul(this.one.redAdd(this.d.redMul(t).redMul
(i)));return 0===e.cmp(i)},f(c,n.BasePoint),s.prototype.pointFromJSON=function(e){return
c.fromJSON(this,e)},s.prototype.point=function(e,t,i,r){return new c(this,e,t,i,r)},c.fromJSON=function(e,t){return
new c(e,t[0],t[1],t[2])},c.prototype.inspect=function(){return this.isInfinity()?"<EC Point Infinity>":"<EC Point x:
"+this.x.fromRed().toString(16,2)+" y: "+this.y.fromRed().toString(16,2)+" z:
"+this.z.fromRed().toString(16,2)+">"},c.prototype.isInfinity=function(){return
0===this.x.cmpn(0)&&(0===this.y.cmp(this.z)||this.zOne&&0===this.y.cmp(this.curve.c))},c.prototype._extDbL=f
unction(){var
e=this.x.redSqr(),t=this.y.redSqr(),i=(i=this.z.redSqr()).redIAdd(i),r=this.curve._mulA(e),f=this.x.redAdd(this.y).red
Sqr().redISub(e).redISub(t),d=r.redAdd(t),e=d.redSub(i),i=r.redSub(t),r=f.redMul(e),t=d.redMul(i),i=f.redMul(i),d=
e.redMul(d);return this.curve.point(r,t,d,i)},c.prototype._projDbL=function(){var
e,t,i,r,f,d,n=this.x.redAdd(this.y).redSqr(),a=this.x.redSqr(),s=this.y.redSqr();return
d=this.curve.twisted?(f=(i=this.curve._mulA(a)).redAdd(s),this.zOne?(e=n.redSub(a).redSub(s).redMul(f.redSub(thi
s.curve.two)),t=f.redMul(i.redSub(s)),f.redSqr().redSub(f).redSub(f)):(r=this.z.redSqr(),d=f.redSub(r).redISub(r),e=n
.redSub(a).redISub(s).redMul(d),t=f.redMul(i.redSub(s)),f.redMul(d))):(i=a.redAdd(s),r=this.curve._mulC(this.z).re
dSqr(),d=i.redSub(r).redSub(r),e=this.curve._mulC(n.redISub(i)).redMul(d),t=this.curve._mulC(i).redMul(a.redISub
(s)),i.redMul(d)),this.curve.point(e,t,d)},c.prototype.dbL=function(){return
this.isInfinity()?this:this.curve.extended?this._extDbL():this._projDbL(),c.prototype._extAdd=function(e){var
t=this.y.redSub(this.x).redMul(e.y.redSub(e.x)),i=this.y.redAdd(this.x).redMul(e.y.redAdd(e.x)),r=this.t.redMul(this
.curve.dd).redMul(e.t),f=this.z.redMul(e.z.redAdd(e.z)),d=i.redSub(t),e=f.redSub(r),f=f.redAdd(r),r=i.redAdd(t),i=d
.redMul(e),t=f.redMul(r),r=d.redMul(r),f=e.redMul(f);return
this.curve.point(i,t,f,r)},c.prototype._projAdd=function(e){var
t,i=this.z.redMul(e.z),r=i.redSqr(),f=this.x.redMul(e.x),d=this.y.redMul(e.y),n=this.curve.d.redMul(f).redMul(d),a=r
.redSub(n),n=r.redAdd(n),e=this.x.redAdd(this.y).redMul(e.x.redAdd(e.y)).redISub(f).redISub(d),e=i.redMul(a).red
Mul(e),n=this.curve.twisted?(t=i.redMul(n).redMul(d.redSub(this.curve._mulA(f))),a.redMul(n)):(t=i.redMul(n).red
Mul(d.redSub(f)),this.curve._mulC(a).redMul(n));return this.curve.point(e,t,n)},c.prototype.add=function(e){return
this.isInfinity()?e:e.isInfinity()?this:this.curve.extended?this._extAdd(e):this._projAdd(e)},c.prototype.mul=function
(e){return
this._hasDoubles(e)?this.curve._fixedNafMul(this,e):this.curve._wnafMul(this,e)},c.prototype.mulAdd=function(e,t,
i){return this.curve._wnafMulAdd(1,[this,t],[e,i],2,!1)},c.prototype.jmulAdd=function(e,t,i){return
this.curve._wnafMulAdd(1,[this,t],[e,i],2,!0)},c.prototype.normalize=function(){if(this.zOne)return this;var
e=this.z.redInvM();return
this.x=this.x.redMul(e),this.y=this.y.redMul(e),this.t&&(this.t=this.t.redMul(e)),this.z=this.curve.one,this.zOne=!0,t
his},c.prototype.neg=function(){return
this.curve.point(this.x.redNeg(),this.y,this.z,this.t&&this.t.redNeg())},c.prototype.getX=function(){return
this.normalize(),this.x.fromRed(),c.prototype.getY=function(){return
this.normalize(),this.y.fromRed(),c.prototype.eq=function(e){return
this===e||0===this.getX().cmp(e.getX())&&0===this.getY().cmp(e.getY())},c.prototype.eqXToP=function(e){var
t=e.toRed(this.curve.red).redMul(this.z);if(0===this.x.cmp(t))return!0;for(var
i=e.clone(),r=this.curve.redN.redMul(this.z);;){if(i.iadd(this.curve.n),0<=i.cmp(this.curve.p))return!1;if(t.redIAdd(r)
,0===this.x.cmp(t))return!0}},c.prototype.toP=c.prototype.normalize,c.prototype.mixedAdd=c.prototype.add},{"/.u
tils":15,"/base":2,"bn.js":16,inherits:32}],4:[function(e,t,i){"use
strict";i.base=e("/base"),i.short=e("/short"),i.mont=e("/mont"),i.edwards=e("/edwards")},{" /base":2,"/edwards":3
,"/mont":5,"/short":6}],5:[function(e,t,i){"use strict";var
r=e("bn.js"),f=e("inherits"),d=e("/base"),n=e("../utils");function a(e){d.call(this,"mont",e),this.a=new

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r(e.a,16).toRed(this.red),this.b=new r(e.b,16).toRed(this.red),this.i4=new
r(4).toRed(this.red).redInvm(),this.two=new
r(2).toRed(this.red),this.a24=this.i4.redMul(this.a.redAdd(this.two))}function
s(e,t,i){d.BasePoint.call(this,e,"projective"),null===t&&null===i?(this.x=this.curve.one,this.z=this.curve.zero):(this
.x=new r(t,16),this.z=new
r(i,16),this.x.red||(this.x=this.x.toRed(this.curve.red)),this.z.red||(this.z=this.z.toRed(this.curve.red)))}f(a,d),(t.export
s=a).prototype.validate=function(e){var
t=e.normalize().x,e=t.redSqr(),t=e.redMul(t).redAdd(e.redMul(this.a)).redAdd(t);return
0===t.redSqr().redSqr().cmp(t)},f(s,d.BasePoint),a.prototype.decodePoint=function(e,t){return
this.point(n.toArray(e,t,1)},a.prototype.point=function(e,t){return new
s(this,e,t)},a.prototype.pointFromJSON=function(e){return
s.fromJSON(this,e)},s.prototype.precompute=function(){},s.prototype._encode=function(){return
this.getX().toArray("be",this.curve.p.byteLength())},s.fromJSON=function(e,t){return new
s(e,t[0],t[1]||e.one)},s.prototype.inspect=function(){return this.isInfinity?"<EC Point Infinity>":"<EC Point x:
"+this.x.fromRed().toString(16,2)+" z:
"+this.z.fromRed().toString(16,2)+">"},s.prototype.isInfinity=function(){return
0===this.z.cmpn(0)},s.prototype.dbl=function(){var
e=this.x.redAdd(this.z).redSqr(),t=this.x.redSub(this.z).redSqr(),i=e.redSub(t),e=e.redMul(t),i=i.redMul(t.redAdd(th
is.curve.a24.redMul(i)));return this.curve.point(e,i)},s.prototype.add=function(){throw new Error("Not supported on
Montgomery curve")},s.prototype.diffAdd=function(e,t){var
i=this.x.redAdd(this.z),r=this.x.redSub(this.z),f=e.x.redAdd(e.z),i=e.x.redSub(e.z).redMul(i),f=f.redMul(r),r=t.z.red
Mul(i.redAdd(f).redSqr()),f=t.x.redMul(i.redISub(f).redSqr());return
this.curve.point(r,f)},s.prototype.mul=function(e){for(var
t=e.clone(),i=this,r=this.curve.point(null,null),f=[];0!==(t.cmpn(0);t.iushrn(1))f.push(t.andln(1));for(var d=f.length-
1;0<=d;d--)0===f[d]?(i=i.diffAdd(r,this),r=r.dbl()):r=i.diffAdd(r,this),i=i.dbl());return
r},s.prototype.mulAdd=function(){throw new Error("Not supported on Montgomery
curve")},s.prototype.jumlAdd=function(){throw new Error("Not supported on Montgomery
curve")},s.prototype.eq=function(e){return
0===this.getX().cmp(e.getX())},s.prototype.normalize=function(){return
this.x=this.x.redMul(this.z.redInvm()),this.z=this.curve.one,this},s.prototype.getX=function(){return
this.normalize(),this.x.fromRed()}},{"/utils":15,"/base":2,"bn.js":16,inherits:32}],6:[function(e,t,i){"use strict";var
r=e("./utils"),y=e("bn.js"),f=e("inherits"),d=e("./base"),n=r.assert;function a(e){d.call(this,"short",e),this.a=new
y(e.a,16).toRed(this.red),this.b=new
y(e.b,16).toRed(this.red),this.tinv=this.two.redInvm(),this.zeroA=0===this.a.fromRed().cmpn(0),this.threeA=0===t
his.a.fromRed().sub(this.p).cmpn(-3),this.endo=this._getEndomorphism(e),this._endoWnafT1=new
Array(4),this._endoWnafT2=new Array(4)}function
s(e,t,i,r){d.BasePoint.call(this,e,"affine"),null===t&&null===i?(this.x=null,this.y=null,this.inf=!0):(this.x=new
y(t,16),this.y=new
y(i,16),r&&(this.x.forceRed(this.curve.red),this.y.forceRed(this.curve.red)),this.x.red||(this.x=this.x.toRed(this.curve
.red)),this.y.red||(this.y=this.y.toRed(this.curve.red)),this.inf=!1)}function
c(e,t,i,r){d.BasePoint.call(this,e,"jacobian"),null===t&&null===i&&null===r?(this.x=this.curve.one,this.y=this.cur
ve.one,this.z=new y(0)):this.x=new y(t,16),this.y=new y(i,16),this.z=new
y(r,16),this.x.red||(this.x=this.x.toRed(this.curve.red)),this.y.red||(this.y=this.y.toRed(this.curve.red)),this.z.red||(this
.z=this.z.toRed(this.curve.red)),this.zOne=this.z===this.curve.one}f(a,d),(t.exports=a).prototype._getEndomorphis
m=function(e){var t,i,r;if(this.zeroA&&this.g&&this.n&&1===this.p.modn(3))return i=(e.beta?new
y(e.beta,16):i=(r=this._getEndoRoots(this.p))[0].cmp(r[1])<0?r[0]:r[1]).toRed(this.red),e.lambda?t=new
y(e.lambda,16):(r=this._getEndoRoots(this.n),0===this.g.mul(r[0]).x.cmp(this.g.x.redMul(i))?t=r[0]:(t=r[1],n(0===t
his.g.mul(t).x.cmp(this.g.x.redMul(i))))),{beta:i,lambda:t,basis:e.basis?e.basis.map(function(e){return{a:new

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y(e.a,16),b:new y(e.b,16)}):this._getEndoBasis(t)},a.prototype._getEndoRoots=function(e){var
t=e===this.p?this.red:y.mont(e),i=new y(2).toRed(t).redInv(),e=i.redNeg(),i=new
y(3).toRed(t).redNeg().redSqrt().redMul(i);return[e.redAdd(i).fromRed(),e.redSub(i).fromRed()]},a.prototype._getE
ndoBasis=function(e){for(var
t,i,r,f,d,n,a,s=this.n.ushrn(Math.floor(this.n.bitLength()/2)),c=e,h=this.n.clone(),o=new y(1),u=new y(0),b=new
y(0),l=new y(1),p=0;0!==(c.cmpn(0));){var
m=h.div(c),v=h.sub(m.mul(c)),g=b.sub(m.mul(o)),m=l.sub(m.mul(u));if(!r&&v.cmp(s)<0)t=a.neg(),i=o,r=v.neg(),f
=g;else if(r&&2===++p)break;h=c,c=a-v,b=o,o=g,l=u,u=m}d=v.neg(),n=g;e=r.sqr().add(f.sqr());return
0<=d.sqr().add(n.sqr()).cmp(e)&&(d=t,n=i),r.negative&&(r=r.neg(),f=f.neg()),d.negative&&(d=d.neg(),n=n.neg()),[
{a:r,b:f},{a:d,b:n}],a.prototype._endoSplit=function(e){var
t=this.endo.basis,i=t[0],r=t[1],f=r.b.mul(e).divRound(this.n),d=i.b.neg().mul(e).divRound(this.n),n=f.mul(i.a),t=d.m
ul(r.a),i=f.mul(i.b),r=d.mul(r.b);return{k1:e.sub(n).sub(t),k2:i.add(r).neg()}},a.prototype.pointFromX=function(e,t){
var i=(e!=(e=new
y(e,16)).red?e.toRed(this.red):e).redSqr().redMul(e).redIAdd(e.redMul(this.a)).redIAdd(this.b),r=i.redSqr();if(0!==(r
.redSqr().redSub(i).cmp(this.zero))throw new Error("invalid
point");i=r.fromRed().isOdd();return(t&&!i||t&&i)&&(r=r.redNeg()),this.point(e,r)},a.prototype.validate=function(
e){if(e.inf)return!0;var t=e.x,i=e.y,e=this.a.redMul(t),e=t.redSqr().redMul(t).redIAdd(e).redIAdd(this.b);return
0===i.redSqr().redIAdd(e).cmpn(0)},a.prototype._endoWnafMulAdd=function(e,t,i){for(var
r=this._endoWnafT1,f=this._endoWnafT2,d=0;d<e.length;d++){var
n=this._endoSplit(t[d]),a=e[d],s=a._getBeta();n.k1.negative&&(n.k1.ineg(),a=a.neg(!0)),n.k2.negative&&(n.k2.ineg
(),s=s.neg(!0)),r[2*d]=a,r[2*d+1]=s,f[2*d]=n.k1,f[2*d+1]=n.k2}for(var
i=this._wnafMulAdd(1,r,f,2*d,i),c=0;c<2*d;c++)r[c]=null,f[c]=null;return
i},f(s,d.BasePoint),a.prototype.point=function(e,t,i){return new
s(this,e,t)},a.prototype.pointFromJSON=function(e,t){return
s.fromJSON(this,e,t)},s.prototype._getBeta=function(){if(this.curve.endo){var
e=this.precomputed;if(e&&e.beta)return e.beta;var
t,i,r=this.curve.point(this.x.redMul(this.curve.endo.beta),this.y);return e&&(t=this.curve,i=function(e){return
t.point(e.x.redMul(t.endo.beta),e.y)}),(e.beta=r).precomputed={beta:null,naf:e.naf&&{wnd:e.naf.wnd,points:e.naf.po
ints.map(i)},doubles:e.doubles&&{step:e.doubles.step,points:e.doubles.points.map(i)}},r}},s.prototype.toJSON=fun
ction(){return
this.precomputed?[this.x,this.y,this.precomputed&&{doubles:this.precomputed.doubles&&{step:this.precomputed.d
oubles.step,points:this.precomputed.doubles.points.slice(1)},naf:this.precomputed.naf&&{wnd:this.precomputed.na
f.wnd,points:this.precomputed.naf.points.slice(1)}]:[this.x,this.y]},s.fromJSON=function(t,e,i){"string"===typeof
e&&(e=JSON.parse(e));var r=t.point(e[0],e[1],i);if(!e[2])return r;function f(e){return
t.point(e[0],e[1],i)}e=e[2];return
r.precomputed={beta:null,doubles:e.doubles&&{step:e.doubles.step,points:[r].concat(e.doubles.points.map(f))},naf:
e.naf&&{wnd:e.naf.wnd,points:[r].concat(e.naf.points.map(f))},r},s.prototype.inspect=function(){return
this.isInfinity()?<EC Point Infinity>:"<EC Point x: "+this.x.fromRed().toString(16,2)+" y:
"+this.y.fromRed().toString(16,2)+">"},s.prototype.isInfinity=function(){return
this.inf},s.prototype.add=function(e){if(this.inf)return e;if(e.inf)return this;if(this.eq(e))return
this.dbl();if(this.neg().eq(e))return this.curve.point(null,null);if(0===this.x.cmp(e.x))return
this.curve.point(null,null);var
t=this.y.redSub(e.y),e=(t=0!==(t.cmpn(0)?t.redMul(this.x.redSub(e.x).redInv()):t).redSqr().redIAdd(this.x).redISub
(e.x),t=t.redMul(this.x.redSub(e)).redISub(this.y);return
this.curve.point(e,t)},s.prototype.dbl=function(){if(this.inf)return this;var
e=this.y.redAdd(this.y);if(0===e.cmpn(0))return this.curve.point(null,null);var
t=this.curve.a,i=this.x.redSqr(),e=e.redInv(),t=i.redAdd(i).redIAdd(t).redMul(e),e=t.redSqr().redISub(t
his.x.redAdd(this.x)),t=t.redMul(this.x.redSub(e)).redISub(this.y);return

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this.curve.point(e,t)},s.prototype.getX=function(){return this.x.fromRed()},s.prototype.getY=function(){return
this.y.fromRed()},s.prototype.mul=function(e){return e=new
y(e,16),this.isInfinity()?this:this._hasDoubles(e)?this.curve._fixedNafMul(this,e):this.curve.endo?this.curve._endoW
nafMulAdd([this],[e]):this.curve._wnafMul(this,e)},s.prototype.mulAdd=function(e,t,i){t=[this,t],i=[e,i];return
this.curve.endo?this.curve._endoWnafMulAdd(t,i):this.curve._wnafMulAdd(1,t,i,2)},s.prototype.jmulAdd=function(
e,t,i){t=[this,t],i=[e,i];return
this.curve.endo?this.curve._endoWnafMulAdd(t,i,!0):this.curve._wnafMulAdd(1,t,i,2,!0)},s.prototype.eq=function(e
){return
this===e||this.inf===e.inf&&(this.inf||0===this.x.cmp(e.x)&&0===this.y.cmp(e.y))},s.prototype.neg=function(e){if
(this.inf)return this;var t,i=this.curve.point(this.x,this.y.redNeg());return
e&&this.precomputed&&(t=this.precomputed,e=function(e){return
e.neg()}).precomputed={naf:t.naf&&{wnd:t.naf.wnd,points:t.naf.points.map(e)},doubles:t.doubles&&{step:t.doubl
es.step,points:t.doubles.points.map(e)}},i},s.prototype.toJ=function(){return
this.inf?this.curve.jpoint(null,null,null):this.curve.jpoint(this.x,this.y,this.curve.one)},f(c,d.BasePoint),a.prototype.jp
oint=function(e,t,i){return new c(this,e,t,i)},c.prototype.toP=function(){if(this.isInfinity())return
this.curve.point(null,null);var e=this.z.redInvM(),t=e.redSqr(),i=this.x.redMul(t),e=this.y.redMul(t).redMul(e);return
this.curve.point(i,e)},c.prototype.neg=function(){return
this.curve.jpoint(this.x,this.y.redNeg(),this.z)},c.prototype.add=function(e){if(this.isInfinity())return
e;if(e.isInfinity())return this;var
t=e.z.redSqr(),i=this.z.redSqr(),r=this.x.redMul(t),f=e.x.redMul(i),d=this.y.redMul(t.redMul(e.z)),n=e.y.redMul(i.re
dMul(this.z)),t=r.redSub(f),i=d.redSub(n);if(0===t.cmpn(0))return
0!==i.cmpn(0)?this.curve.jpoint(null,null,null):this.dbl();f=t.redSqr(),n=f.redMul(t),r=r.redMul(f),f=i.redSqr().redI
Add(n).redISub(r).redISub(r),n=i.redMul(r.redISub(f)).redISub(d.redMul(n)),t=this.z.redMul(e.z).redMul(t);return
this.curve.jpoint(f,n,t)},c.prototype.mixedAdd=function(e){if(this.isInfinity())return e.toJ();if(e.isInfinity())return
this;var
t=this.z.redSqr(),i=this.x,r=e.x.redMul(t),f=this.y,d=e.y.redMul(t).redMul(this.z),e=i.redSub(r),t=f.redSub(d);if(0===
=e.cmpn(0))return
0!==t.cmpn(0)?this.curve.jpoint(null,null,null):this.dbl();r=e.redSqr(),d=r.redMul(e),i=i.redMul(r),r=t.redSqr().redI
Add(d).redISub(i).redISub(i),d=t.redMul(i.redISub(r)).redISub(f.redMul(d)),e=this.z.redMul(e);return
this.curve.jpoint(r,d,e)},c.prototype.dblp=function(e){if(0===e)return this;if(this.isInfinity())return this;if(!e)return
this.dbl();if(this.curve.zeroA||this.curve.threeA){for(var t=this,i=0;i<e;i++)t=t.dbl();return t}var
r=this.curve.a,f=this.curve.tinv,d=this.x,n=this.y,a=this.z,s=a.redSqr().redSqr(),c=n.redAdd(n);for(i=0;i<e;i++){var
h=d.redSqr(),o=c.redSqr(),u=o.redSqr(),b=h.redAdd(h).redIAdd(h).redIAdd(r.redMul(s)),h=d.redMul(o),o=b.redSqr
().redISub(h.redAdd(h)),h=h.redISub(o),b=(b=b.redMul(h)).redIAdd(b).redISub(u),h=c.redMul(a);i+1<e&&(s=s.red
Mul(u),d=o,a=h,c=b)}return this.curve.jpoint(d,c.redMul(f,a)},c.prototype.dbl=function(){return
this.isInfinity()?this:this.curve.zeroA?this._zeroDbl():this.curve.threeA?this._threeDbl():this.dbl()},c.prototype._ze
roDbl=function(){var
e,t,i,r,f,d=this.zOne?(i=this.x.redSqr(),e=(r=this.y.redSqr()).redSqr(),f=(f=this.x.redAdd(r).redSqr()).redISub(i).redIS
ub(e)).redIAdd(f),r=(t=i.redAdd(i).redIAdd(i)).redSqr().redISub(f).redISub(f),i=(i=i.e.redIAdd(e)).redIAdd(i)).redI
Add(i),e=r,t=t.redMul(f.redISub(r)).redISub(i),this.y.redAdd(this.y):(f=this.x.redSqr(),d=(r=this.y.redSqr()).redSqr(
),i=(i=this.x.redAdd(r).redSqr()).redISub(f).redISub(d)).redIAdd(i),f=(r=f.redAdd(f).redIAdd(f)).redSqr(),d=(d=(d=d.
redIAdd(d)).redIAdd(d)).redIAdd(d),e=f.redISub(i).redISub(i),t=r.redMul(i.redISub(e)).redISub(d),(d=this.y.redMul
(this.z)).redIAdd(d));return this.curve.jpoint(e,t,d)},c.prototype._threeDbl=function(){var e,t,i,r,f,d,n,a;return
this.zOne?(e=this.x.redSqr(),r=(t=this.y.redSqr()).redSqr(),n=(n=this.x.redAdd(t).redSqr()).redISub(e).redISub(r)).re
dIAdd(n),i=f=(a=e.redAdd(e).redIAdd(e).redIAdd(this.curve.a)).redSqr().redISub(n).redISub(n),d=(d=(d=r.redIAdd
(r)).redIAdd(d)).redIAdd(d),t=a.redMul(n.redISub(f)).redISub(d),e=this.y.redAdd(this.y):(r=this.z.redSqr(),a=this.y
.redSqr(),n=this.x.redMul(a),f=(f=this.x.redSub(r).redMul(this.x.redAdd(r))).redAdd(f).redIAdd(f),n=(d=(d=n.redI
Add(n)).redIAdd(d)).redAdd(d),i=f.redSqr()).redISub(n),e=this.y.redAdd(this.z).redSqr()).redISub(a).redISub(r),a=(a=

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a=(a=a.redSqr()).redIAdd(a).redIAdd(a).redIAdd(a),t=f.redMul(d.redISub(i)).redISub(a),this.curve.jpoint(i,t,e)},c.
prototype._dbl=function(){var
e=this.curve.a,t=this.x,i=this.y,r=this.z,f=r.redSqr().redSqr(),d=t.redSqr(),n=i.redSqr(),e=d.redAdd(d).redIAdd(d).re
dIAdd(e.redMul(f)),f=t.redAdd(t),t=(f=f.redIAdd(f)).redMul(n),f=e.redSqr().redISub(t.redAdd(t)),t=t.redISub(f),n=n
.redSqr();n=(n=(n=n.redIAdd(n)).redIAdd(n)).redIAdd(n);n=e.redMul(t).redISub(n),r=i.redAdd(i).redMul(r);return
this.curve.jpoint(f,n,r)},c.prototype.trpl=function(){if(!this.curve.zeroA)return this.dbl().add(this);var
e=this.x.redSqr(),t=this.y.redSqr(),i=this.z.redSqr(),r=t.redSqr(),f=e.redAdd(e).redIAdd(e),d=f.redSqr(),n=this.x.red
Add(t).redSqr().redISub(e).redISub(r),e=(n=(n=(n=n.redIAdd(n)).redAdd(n)).redIAdd(n)).redISub(d)).redSqr(),r=r.re
dIAdd(r);r=(r=(r=r.redIAdd(r)).redIAdd(r)).redIAdd(r);d=f.redIAdd(n).redSqr().redISub(d).redISub(e).redISub(r),t=
t.redMul(d);t=(t=t.redIAdd(t)).redIAdd(t);t=this.x.redMul(e).redISub(t);t=(t=t.redIAdd(t)).redIAdd(t);d=this.y.redM
ul(d.redMul(r.redISub(d)).redISub(n.redMul(e)));d=(d=(d=d.redIAdd(d)).redIAdd(d)).redIAdd(d);e=this.z.redAdd(n
).redSqr().redISub(i).redISub(e);return this.curve.jpoint(t,d,e)},c.prototype.mul=function(e,t){return e=new
y(e,t),this.curve._wnafMul(this,e)},c.prototype.eq=function(e){if("affine"===e.type)return
this.eq(e.toJ());if(this===e)return!0;var
t=this.z.redSqr(),i=e.z.redSqr();if(0!==(this.x.redMul(i).redISub(e.x.redMul(t)).cmpn(0))return!1;t=t.redMul(this.z),i
=i.redMul(e.z);return 0===this.y.redMul(i).redISub(e.y.redMul(t)).cmpn(0)},c.prototype.eqXToP=function(e){var
t=this.z.redSqr(),i=e.toRed(this.curve.red).redMul(t);if(0===this.x.cmp(i))return!0;for(var
r=e.clone(),f=this.curve.redN.redMul(t);;){if(r.iadd(this.curve.n),0<=r.cmp(this.curve.p))return!1;if(i.redIAdd(f),0=
===this.x.cmp(i))return!0}},c.prototype.inspect=function(){return this.isInfinity()? "<EC JPoint Infinity>": "<EC
JPoint x: "+this.x.toString(16,2)+" y: "+this.y.toString(16,2)+" z:
"+this.z.toString(16,2)+">"},c.prototype.isInfinity=function(){return
0===this.z.cmpn(0)},{"../utils":15,"./base":2,"bn.js":16,inherits:32}],7:[function(e,t,i){"use strict";var
r,f=i,i=e("hash.js"),d=e("./curve"),n=e("./utils").assert;function a(e){"short"===e.type?this.curve=new
d.short(e):"edwards"===e.type?this.curve=new d.edwards(e):this.curve=new
d.mont(e),this.g=this.curve.g,this.n=this.curve.n,this.hash=e.hash,n(this.g.validate(),"Invalid
curve"),n(this.g.mul(this.n).isInfinity(),"Invalid curve, G*N != O")}function
s(t,i){Object.defineProperty(f,t,{configurable:!0,enumerable:!0,get:function(){var e=new a(i);return
Object.defineProperty(f,t,{configurable:!0,enumerable:!0,value:e}),e}})}f.PresetCurve=a,s("p192",{type:"short",pri
me:"p192",p:"ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff",a:"ffffffff ffffffff ffffffff ffffffff ffffffff
ffffffffc",b:"64210519 e59c80e7 0fa7e9ab 72243049 feb8deec c146b9b1",n:"ffffffff ffffffff ffffffff 99def836
146bc9b1 b4d22831",hash:i.sha256,gRed:!1,g:["188da80e b03090f6 7cbf20eb 43a18800 f4ff0afd
82ff1012","07192b95 ffc8da78 631011ed 6b24cdd5 73f977a1
1e794811"]}),s("p224",{type:"short",prime:"p224",p:"ffffffff ffffffff ffffffff ffffffff 00000000 00000000
00000001",a:"ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff",b:"b4050a85 0c04b3ab f5413256 5044b0b7
d7bdf8ba 270b3943 2355ffb4",n:"ffffffff ffffffff ffffffff ffff16a2 e0b8f03e 13dd2945
5c5c2a3d",hash:i.sha256,gRed:!1,g:["b70e0cbd 6bb4bf7f 321390b9 4a03c1d3 56c21122 343280d6
115c1d21","bd376388 b5f723fb 4c22dfe6 cd4375a0 5a074764 44d58199
85007e34"]}),s("p256",{type:"short",prime:null,p:"ffffffff 00000001 00000000 00000000 00000000 ffffffff ffffffff
ffffffff",a:"ffffffff 00000001 00000000 00000000 00000000 ffffffff ffffffff ffffffff",b:"5ac635d8 aa3a93e7
b3ebbd55 769886bc 651d06b0 cc53b0f6 3bce3c3e 27d2604b",n:"ffffffff 00000000 ffffffff ffffffff bce6faad
a7179e84 f3b9cac2 fc632551",hash:i.sha256,gRed:!1,g:["6b17d1f2 e12c4247 f8bce6e5 63a440f2 77037d81
2deb33a0 f4a13945 d898c296","4fe342e2 fe1a7f9b 8ee7eb4a 7c0f9e16 2bce3357 6b315ece cbb64068
37bf51f5"]}),s("p384",{type:"short",prime:null,p:"ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff
00000000 00000000 ffffffff",a:"ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff
00000000 ffffffff",b:"b3312fa7 e23ee7e4 988e056b e3f82d19 181d9c6e fe814112 0314088f 5013875a c656398d
8a2ed19d 2a85c8ed d3ec2aef",n:"ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff c7634d81 f4372ddf 581a0db2
48b0a77a ecec196a ccc52973",hash:i.sha384,gRed:!1,g:["aa87ca22 be8b0537 8eb1c71e f320ad74 6e1d3b62
8ba79b98 59f741e0 82542a38 5502f25d bf55296c 3a545e38 72760ab7","3617de4a 96262c6f 5d9e98bf 9292dc29

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l({r:o,s:s,recoveryParam:h}})}},s.prototype.verify=function(e,t,i,r){e=this._truncateToN(new
u(e,16)),i=this.keyFromPublic(i,r);r=(t=new
l(t,"hex")),r,t=t.s;if(r.cmpn(1)<0||0<=r.cmp(this.n))return!1;if(t.cmpn(1)<0||0<=t.cmp(this.n))return!1;var
f,t=t.invm(this.n),e=t.mul(e).umod(this.n),t=t.mul(r).umod(this.n);return
this.curve._maxwellTrick?(f=this.g.jmulAdd(e,i.getPublic(),t)).isInfinity()&&f.eqXToP(r):(f=this.g.mulAdd(e,i.ge
tPublic(),t)).isInfinity()&&0===f.getX().umod(this.n).cmp(r)},s.prototype.recoverPubKey=function(e,t,i,r){a((3&i
===i,"The recovery param is more than two bits"),t=new l(t,r);var f=this.n,d=new
u(e),n=t.r,r=t.s,e=1&i,i=i>>1;if(0<=n.cmp(this.curve.p.umod(this.curve.n))&&i)throw new Error("Unable to find
second key
candidate");n=i?this.curve.pointFromX(n.add(this.curve.n),e):this.curve.pointFromX(n,e);t=t.r.invm(f),d=f.sub(d).m
ul(t).umod(f),f=r.mul(t).umod(f);return
this.g.mulAdd(d,n,f)},s.prototype.getKeyRecoveryParam=function(e,t,i,r){if(null!==(t=new
l(t,r)).recoveryParam)return t.recoveryParam;for(var
f,d=0;d<4;d++){try{f=this.recoverPubKey(e,t,d)}catch(e){continue}if(f.eq(i))return d}throw new Error("Unable to
find valid recovery factor")},{"/curves":7,"/utils":15,"/key":9,"/signature":10,"bn.js":16,brorand:17,"hmac-
drbg":31}],9:[function(e,t,i){"use strict";var r=e("bn.js"),f=e("../utils").assert;function
d(e,t){this.ec=e,this.priv=null,this.pub=null,t.priv&&this._importPrivate(t.priv,t.privEnc),t.pub&&this._importPubli
c(t.pub,t.pubEnc)}(t.exports=d).fromPublic=function(e,t,i){return t instanceof d?t:new
d(e,{pub:t,pubEnc:i}),d.fromPrivate=function(e,t,i){return t instanceof d?t:new
d(e,{priv:t,privEnc:i}),d.prototype.validate=function(){var e=this.getPublic();return
e.isInfinity()?{result:!1,reason:"Invalid public
key"}:e.validate()?e.mul(this.ec.curve.n).isInfinity()?{result:!0,reason:null}:{result:!1,reason:"Public key * N !=
O"}:{result:!1,reason:"Public key is not a point"}},d.prototype.getPublic=function(e,t){return"string"===typeof
e&&(t=e,e=null),this.pub||(this.pub=this.ec.g.mul(this.priv)),t?this.pub.encode(t,e):this.pub},d.prototype.getPrivate=
function(e){return"hex"===e?this.priv.toString(16,2):this.priv},d.prototype._importPrivate=function(e,t){this.priv=
new
r(e,t||16),this.priv=this.priv.umod(this.ec.curve.n)},d.prototype._importPublic=function(e,t){if(e.x||e.y)return"mont"
===this.ec.curve.type?f(e.x,"Need x
coordinate"):"short"!==this.ec.curve.type&&"edwards"!==this.ec.curve.type?f(e.x&&e.y,"Need both x and y
coordinate"),void(this.pub=this.ec.curve.point(e.x,e.y));this.pub=this.ec.curve.decodePoint(e,t)},d.prototype.derive=
function(e){return e.validate()||f(e.validate(),"public point not
validated"),e.mul(this.priv).getX(),d.prototype.sign=function(e,t,i){return
this.ec.sign(e,this,t,i)},d.prototype.verify=function(e,t){return
this.ec.verify(e,t,this)},d.prototype.inspect=function(){return"<Key priv: "+(this.priv&&this.priv.toString(16,2))+
"pub: "+(this.pub&&this.pub.inspect())+" >"},"/utils":15,"bn.js":16}],10:[function(e,t,i){"use strict";var
f=e("bn.js"),d=e("../utils"),r=d.assert;function n(e,t){if(e instanceof n)return
e;this._importDER(e,t)||(r(e.r&&e.s,"Signature without r or s"),this.r=new f(e.r,16),this.s=new f(e.s,16),void
0===e.recoveryParam?this.recoveryParam=null:this.recoveryParam=e.recoveryParam)}function
a(){this.place=0}function s(e,t){var i=e[t.place++];if(!(128&i))return i;var r=15&i;if(0===r||4<r)return!1;for(var
f=0,d=0,n=t.place;d<r;d++,n++)f<<=8,f|=e[n],f>>=0;return!(f<=127)&&(t.place=n,f)}function c(e){for(var
t=0,i=e.length-1;!e[t]&&!(128&e[t+1])&&t<i;t++)return 0===t?e:e.slice(t)}function
h(e,t){if(t<128)e.push(t);else{var i=1+(Math.log(t)/Math.LN2>>>3);for(e.push(128i);--
i)e.push(t>>>(i<<3)&255);e.push(t)}(t.exports=n).prototype._importDER=function(e,t){e=d.toArray(e,t);var
i=new a;if(48!==(e[i.place++]))return!1;var
r=s(e,i);if(!1===r)return!1;if(r+i.place!==(e.length))return!1;if(2!==(e[i.place++]))return!1;t=s(e,i);if(!1===t)return!1;r
=e.slice(i.place,t+i.place);if(i.place+t,2!==(e[i.place++]))return!1;t=s(e,i);if(!1===t)return!1;if(e.length!==(t+i.place)
return!1;i=e.slice(i.place,t+i.place);if(0===r[0]){if(!(128&r[1]))return!1;r=r.slice(1)}if(0===i[0]){if(!(128&i[1]))retu
rn!1;i=i.slice(1)}return this.r=new f(r),this.s=new

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f(i,!this.recoveryParam=null)},n.prototype.toDER=function(e){var
t=this.r.toArray(),i=this.s.toArray();for(128&t[0]&&(t=[0].concat(t)),128&i[0]&&(i=[0].concat(i)),t=c(t),i=c(i);!(i[0
]]|128&i[1]);i=i.slice(1);var r=[2];h(r,t.length),(r=r.concat(t)).push(2),h(r,i.length);t=r.concat(i),r=[48];return
h(r,t.length),r=r.concat(t),d.encode(r,e)},{"../utils":15,"bn.js":16}],11:[function(e,t,i){"use strict";var
r=e("hash.js"),f=e("../curves"),d=e("../utils"),n=d.assert,a=d.parseBytes,s=e("../key"),c=e("../signature");function
h(e){if(n("ed25519"===e,"only tested with ed25519 so far"),!(this instanceof h))return new
h(e);e=f[e].curve,this.curve=e,this.g=e.g,this.g.precompute(e.n.bitLength()+1),this.pointClass=e.point().constructor,t
his.encodingLength=Math.ceil(e.n.bitLength()/8),this.hash=r.sha512}(t.exports=h).prototype.sign=function(e,t){e=a
(e);var
i=this.keyFromSecret(t),r=this.hashInt(i.messagePrefix(),e),f=this.g.mul(r),t=this.encodePoint(f),i=this.hashInt(t,i.pub
bBytes(),e).mul(i.priv()),i=r.add(i).umod(this.curve.n);return
this.makeSignature({R:f,S:i,Rencoded:t}),h.prototype.verify=function(e,t,i){e=a(e),t=this.makeSignature(t);var
r=this.keyFromPublic(i),i=this.hashInt(t.Rencoded(),r.pubBytes(),e),e=this.g.mul(t.S());return
t.R().add(r.pub()).mul(i).eq(e)},h.prototype.hashInt=function(){for(var
e=this.hash(),t=0;t<arguments.length;t++)e.update(arguments[t]);return
d.intFromLE(e.digest()).umod(this.curve.n)},h.prototype.keyFromPublic=function(e){return
s.fromPublic(this,e)},h.prototype.keyFromSecret=function(e){return
s.fromSecret(this,e)},h.prototype.makeSignature=function(e){return e instanceof c?e:new
c(this,e)},h.prototype.encodePoint=function(e){var t=e.getY().toArray("le",this.encodingLength);return
t[this.encodingLength-1]=e.getX().isOdd()?128:0,t,h.prototype.decodePoint=function(e){var
t=(e=d.parseBytes(e)).length-1,i=e.slice(0,t).concat(-129&e[t]),t=0!=(128&e[t]),i=d.intFromLE(i);return
this.curve.pointFromY(i,t)},h.prototype.encodeInt=function(e){return
e.toArray("le",this.encodingLength)},h.prototype.decodeInt=function(e){return
d.intFromLE(e)},h.prototype.isPoint=function(e){return e instanceof
this.pointClass}},{"../curves":7,"../utils":15,"/key":12,"/signature":13,"hash.js":19}],12:[function(e,t,i){"use
strict";var r=e("../utils"),f=r.assert,d=r.parseBytes,e=r.cachedProperty;function
n(e,t){this.eddsa=e,this._secret=d(t.secret),e.isPoint(t.pub)?this._pub=t.pub:this._pubBytes=d(t.pub)}n.fromPublic=f
unction(e,t){return t instanceof n?t:new n(e,{pub:t}),n.fromSecret=function(e,t){return t instanceof n?t:new
n(e,{secret:t}),n.prototype.secret=function(){return this._secret},e(n,"pubBytes",function(){return
this.eddsa.encodePoint(this.pub()))},e(n,"pub",function(){return
this._pubBytes?this.eddsa.decodePoint(this._pubBytes):this.eddsa.g.mul(this.priv())},e(n,"privBytes",function(){va
r e=this.eddsa,t=this.hash(),i=e.encodingLength-1,e=t.slice(0,e.encodingLength);return
e[0]&=248,e[i]&=127,e[i]=64,e}),e(n,"priv",function(){return
this.eddsa.decodeInt(this.privBytes())},e(n,"hash",function(){return
this.eddsa.hash().update(this.secret()).digest()}),e(n,"messagePrefix",function(){return
this.hash().slice(this.eddsa.encodingLength)}),n.prototype.sign=function(e){return f(this._secret,"KeyPair can only
verify"),this.eddsa.sign(e,this)},n.prototype.verify=function(e,t){return
this.eddsa.verify(e,t,this)},n.prototype.getSecret=function(e){return f(this._secret,"KeyPair is public
only"),r.encode(this.secret(),e)},n.prototype.getPublic=function(e){return
r.encode(this.pubBytes(),e)},t.exports=n},{"../utils":15}],13:[function(e,t,i){"use strict";var
r=e("bn.js"),f=e("../utils"),d=f.assert,e=f.cachedProperty,n=f.parseBytes;function
a(e,t){this.eddsa=e,"object"!==typeof
t&&(t=n(t)),Array.isArray(t)&&(t={R:t.slice(0,e.encodingLength),S:t.slice(e.encodingLength)}),d(t.R&&t.S,"Signa
ture without R or S"),e.isPoint(t.R)&&(this._R=t.R),t.S instanceof
r&&(this._S=t.S),this._Rencoded=Array.isArray(t.R)?t.R:t.Rencoded,this._Sencoded=Array.isArray(t.S)?t.S:t.Senc
oded)e(a,"S",function(){return this.eddsa.decodeInt(this.Sencoded())},e(a,"R",function(){return
this.eddsa.decodePoint(this.Rencoded())},e(a,"Rencoded",function(){return
this.eddsa.encodePoint(this.R())},e(a,"Sencoded",function(){return

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this.eddsa.encodeInt(this.S()),a.prototype.toBytes=function(){return
this.Rencoded().concat(this.Sencoded()),a.prototype.toHex=function(){return
f.encode(this.toBytes(),"hex").toUpperCase(),t.exports=a},{../utils":15,"bn.js":16}],14:[function(e,t,i){t.exports={
doubles:{step:4,points:[["e60fce93b59e9ec53011aabc21c23e97b2a31369b87a5ae9c44ee89e2a6dec0a"],["f7e3507399
e595929db99f34f57937101296891e44d23f0be1f32cce69616821"],["8282263212c609d9ea2a6e3e172de238d8c39ca
bd5ac1ca10646e23fd5f1508"],["11f8a8098557dfe45e8256e830b60ace62d613ac2f7b17bed31b6eaff6e26caf"],["175e
159f728b865a72f99cc6c6fc846de0b93833fd222ed73fce5b551e5b739"],["d3506e0d9e3c79eba4ef97a51ff71f5eacb5
955add24345c6efa6ffee9fed695"],["363d90d447b00c9c99ceac05b6262ee053441c7e55552ffe526bad8f83ff4640"],["4
e273adfc732221953b445397f3363145b9a89008199ecb62003c7f3bee9de9"],["8b4b5f165df3c2be8c6244b5b745638
843e4a781a15bcd1b69f79a55dffdf80c"],["4aad0a6f68d308b4b3fbd7813ab0da04f9e336546162ee56b3eff0c65fd4fd3
6"],["723cbaa6e5db996d6bf771c00bd548c7b700dbffa6c0e77bcb6115925232fcdad"],["96e867b5595cc498a921137488
824d6e2660a0653779494801dc069d9eb39f5f"],["eebfa4d493bebf98ba5feec812c2d3b50947961237a919839a533ec
a0e7dd7fa"],["5d9a8ca3970ef0f269ee7edaf178089d9ae4cdc3a711f712ddfd4fdae1de8999"],["100f44da696e71672791
d0a09b7bde459f1215a29b3c03bfefd7835b39a48db0"],["cdd9e13192a00b772ec8f3300c090666b7ff4a18ff5195ac0fbd
5cd62bc65a09"],["e1031be262c7ed1b1dc9227a4a04c017a77f8d4464f3b3852c8acde6e534fd2d"],["9d706192894040
5e6bb6a4176597535af292dd419e1ced79a44f18f29456a00d"],["feea6cae46d55b530ac2839f143bd7ec5cf8b266a41d
6af52d5e688d9094696d"],["e57c6b6c97dce1bab06e4e12bf3ecd5c981c8957cc41442d3155debf18090088"],["da67a91
d91049cddb367be4be6ffca3cfeed657d808583de33fa978bc1ec6cb1"],["9bacaa35481642bc41f463f7ec9780e5dec7adc
508f740a17e9ea8e27a68be1d"],["53904faa0b334cdda6e000935ef22151ec08d0f7bb11069f57545ccc1a37b7c0"],["5bc
087d0bc80106d88c9eccac20d3c1c13999981e14434699dcb096b022771c8"],["8e7bcd0bd35983a7719cca7764ca906
779b53a043a9b8bcaeff959f43ad86047"],["10b7770b2a3da4b3940310420ca9514579e88e2e47fd68b3ea10047e84603
72a"],["385eed34c1cdf21e6d0818689b81bde71a7f4f18397e6690a841e1599c43862"],["283bec3e8ea23f56701de19
e9ebf4576b304eec2086dc8cc0458fe5542e5453"],["6f9d9b803ecf191637c73a4413dfa180fddf84a5947fbc9c606ed8
6c3fac3a7"],["7c80c68e603059ba69b8e2a30e45c4d47ea4dd2f5c281002d86890603a842160"],["3322d401243c4e258
2a2147c104d6ecbf774d163db0f5e5313b7e0e742d0e6bd"],["56e70797e9664ef5bfb019bc4ddaf9b72805f63ea2873af6
24f3a2e96c28b2a0"],["85672c7d2de0b7da2bd1770d89665868741b3f9af7643397721d74d28134ab83"],["7c481b9b5b
43b2eb6374049bfa62c2e5e77f17fcc5298f44c8e3094f790313a6"],["948bf809b1988a46b06c9f1919413b10f9226c60
f668832ffd959af60c82a0a"],["53a562856dcb6646dc6b74c5d1c3418c6d4dff08c97cd2bed4cb7f88d8c8e589"],["6260c
e7f461801c34f067ce0f02873a8f1b0e44dfc69752accecd819f38fd8e8"],["bc2da82b6fa5b571a7f09049776a1ef7ecd292
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f77fd53de4a2708b26b6f5da72ad3394119daf408f9"]]]], {}, {}, 15: [function(e, t, i) { "use strict"; var
r = i, f = e("bn.js"), i = e("minimalistic-assert"), e = e("minimalistic-crypto-
utils"); r.assert = i, r.toArray = e.toArray, r.zero2 = e.zero2, r.toHex = e.toHex, r.encode = e.encode, r.getNAF = function(e, t, i) {
var r = new Array(Math.max(e.bitLength(), i) + 1); r.fill(0); for (var f = 1 << t + 1, d = e.clone(), n = 0; n < r.length; n++) { var
a, s = d.andln(f - 1); d.isOdd() ? (a = (f >> 1) - 1 < s ? (f >> 1) - s : s, d.isubn(a)) : a = 0, r[n] = a, d.iushrn(1) } return
r }, r.getJSF = function(e, t) { var i = [], []; e = e.clone(), t = t.clone(); for (var r, f = 0, d = 0; 0 < e.cmpn(-f) || 0 < t.cmpn(-d);) { var
n, a = e.andln(3) + f & 3, s = t.andln(3) + d & 3; 3 === s && (s = -1), n = 0 === (1 & (a = 3 === a ?
1 : a)) ? 0 : 3 === (r = e.andln(7) + f & 7) && 5 !== r || 2 !== s ? a :
a, i[0].push(n), s = 0 === (1 & s) ? 0 : 3 === (r = t.andln(7) + d & 7) && 5 !== r || 2 !== s ? a : -s, i[1].push(s), 2 * f === n + 1 && (f = 1 -
f), 2 * d === s + 1 && (d = 1 - d), e.iushrn(1), t.iushrn(1) } return i }, r.cachedProperty = function(e, t, i) { var
r = "_" + t; e.prototype[t] = function() { return void
0 !== this[r] ? this[r] : this[r] = i.call(this) } }, r.parseBytes = function(e) { return "string" === typeof
e ? r.toArray(e, "hex") : e }, r.intFromLE = function(e) { return new f(e, "hex", "le") } }, {"bn.js": 16, "minimalistic-
assert": 33, "minimalistic-crypto-utils": 34}], 16: [function(_, e, t) { !function(e, t) { "use strict"; function p(e, t) { if (!e) throw
new Error(t || "Assertion failed") } function i(e, t) { e.super_ = t; function i() {} i.prototype = t.prototype, e.prototype = new
i, e.prototype.constructor = e } function m(e, t, i) { if (m.isBN(e)) return
e; this.negative = 0, this.words = null, this.length = 0, (this.red = null) !== e && ("le" !== t && "be" !== t) ? (i = t, t = 10), this._init(e || 0,
t || 10, i || "be") } var r; "object" === typeof
e ? e.exports = m : t.BN = m, (m.BN = m).wordSize = 26; try { r = _("buffer").Buffer } catch (e) {} function n(e, t, i) { for (var
r = 0, f = Math.min(e.length, i), d = t; d < f; d++) { var n = e.charCodeAt(d) - 48; r <<= 4, r |= 49 <= n && n <= 54 ? n -
49 + 10 : 17 <= n && n <= 22 ? n - 17 + 10 : 15 & n } return r } function o(e, t, i, r) { for (var


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.i.strip())m.prototype.toString=function(e,t){if(t=0|t|1,16===(e=e|10)||"hex"===e){a="";for(var
i=0,r=0,f=0;f<this.length;f++){var d=this.words[f],n=(16777215&(d<<i|r)).toString(16),a=0!==(r=d)>>>24-
i&16777215)||f!==(this.length-1?u[6-n.length]+n+a:n+a;26<=(i+=2)&&(i-=26,f--
))for(0!==(r&&(a=r.toString(16)+a);a.length%t!=0);a="0"+a;return a=0!==(this.negative?"-
"+a:a)if(e===(0)e)&&2<=e&&e<=36){var s=b[e],c=l[e];for(a="",h=this.clone()).negative=0;!h.isZero();){var
h,o=h.modn(c).toString(e);a=(h=h.idivn(c)).isZero()?o+a:u[s-
o.length]+o+a}for(this.isZero()&&(a="0"+a);a.length%t!=0);a="0"+a;return a=0!==(this.negative?"-
"+a:a)p(!1,"Base should be between 2 and 36")},m.prototype.toNumber=function(){var e=this.words[0];return
2===this.length?e+=67108864*this.words[1]:3===this.length&&1===this.words[2]?e+=4503599627370496+6710
8864*this.words[1]:2<this.length&&p(!1,"Number can only safely store up to 53 bits"),0!==(this.negative?-
e:e)},m.prototype.toJSON=function(){return this.toString(16)},m.prototype.toBuffer=function(e,t){return p(void
0!==(r=this.toArrayLike(r,e,t)),this.toArrayLike(Array,e,t)),m.prototype.toArray=function(e,t){return
this.toArrayLike(Array,e,t)},m.prototype.toArrayLike=function(e,t,i){var
r=this.byteLength(),f=i||Math.max(1,r);p(r<=f,"byte array longer than desired length"),p(0<f,"Requested array
length <= 0"),this.strip();var d,n,t="le"===t,a=new
e(f),s=this.clone();if(t){for(n=0;!s.isZero();n++)d=s.andln(255),s.iushrn(8),a[n]=d;for(n<f;n++)a[n]=0}else{for(n=0
;n<f-r;n++)a[n]=0;for(n=0;!s.isZero();n++)d=s.andln(255),s.iushrn(8),a[f-n-1]=d}return
a},Math.clz32?m.prototype._countBits=function(e){return 32-
Math.clz32(e)}:m.prototype._countBits=function(e){var t=e,e=0;return
4096<=t&&(e+=13,t>>=13),64<=t&&(e+=7,t>>=7),8<=t&&(e+=4,t>>=4),2<=t&&(e+=2,t>>=2),e+t},m.prot
otype._zeroBits=function(e){if(0===e)return 26;var t=e,e=0;return
0==(8191&t)&&(e+=13,t>>=13),0==(127&t)&&(e+=7,t>>=7),0==(15&t)&&(e+=4,t>>=4),0==(3&t)&&(e+=
2,t>>=2),0==(1&t)&&e++,e},m.prototype.bitLength=function(){var e=this.words[this.length-
1],e=this._countBits(e);return 26*(this.length-1)+e},m.prototype.zeroBits=function(){if(this.isZero())return
0;for(var e=0,t=0;t<this.length;t++){var i=this._zeroBits(this.words[t]);if(e+=i,26!==(i))break}return
e},m.prototype.byteLength=function(){return Math.ceil(this.bitLength()/8)},m.prototype.toTwos=function(e){return
0!==(this.negative?this.abs().inotn(e).iaddn(1):this.clone())},m.prototype.fromTwos=function(e){return this.testn(e-
1)?this.notn(e).iaddn(1).ineg():this.clone()}},m.prototype.isNeg=function(){return
0!==(this.negative)},m.prototype.neg=function(){return this.clone().ineg()}},m.prototype.ineg=function(){return
this.isZero()||(this.negative^=1),this},m.prototype.iuor=function(e){for(;this.length<e.length;)this.words[this.length
++]|=0;for(var t=0;t<e.length;t++)this.words[t]=this.words[t]|e.words[t];return
this.strip()}},m.prototype.ior=function(e){return
p(0==(this.negative|e.negative)),this.iuor(e)},m.prototype.or=function(e){return
this.length>e.length?this.clone().ior(e):e.clone().ior(this)},m.prototype.uor=function(e){return
this.length>e.length?this.clone().iuor(e):e.clone().iuor(this)},m.prototype.iuand=function(e){for(var
t=this.length>e.length?e:this,i=0;i<t.length;i++)this.words[i]=this.words[i]&e.words[i];return
this.length=t.length,this.strip()}},m.prototype.iand=function(e){return
p(0==(this.negative|e.negative)),this.iuand(e)},m.prototype.and=function(e){return
this.length>e.length?this.clone().iand(e):e.clone().iand(this)},m.prototype.uand=function(e){return
this.length>e.length?this.clone().iuand(e):e.clone().iuand(this)},m.prototype.iuxor=function(e){for(var
t,i=this.length>e.length?(t=this,e):(t=e,this),r=0;r<i.length;r++)this.words[r]=t.words[r]^i.words[r];if(this!==(t)for(r<
t.length;r++)this.words[r]=t.words[r];return this.length=t.length,this.strip()}},m.prototype.ixor=function(e){return
p(0==(this.negative|e.negative)),this.iuxor(e)},m.prototype.xor=function(e){return
this.length>e.length?this.clone().ixor(e):e.clone().ixor(this)},m.prototype.uxor=function(e){return
this.length>e.length?this.clone().iuxor(e):e.clone().iuxor(this)},m.prototype.inotn=function(e){p("number"===typeof
e&&0<=e);var t=0|Math.ceil(e/26),e=e%26;this._expand(t,0<e&&t--;for(var
i=0;i<t;i++)this.words[i]=67108863&~this.words[i];return 0<e&&(this.words[i]=~this.words[i]&67108863)>>26-
e),this.strip()}},m.prototype.notn=function(e){return

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this.clone().inotn(e)},m.prototype.setn=function(e,t){p("number"==typeof e&&&0<=e);var i=e/26|0,e=e%26;return
this._expand(1+i),this.words[i]=t?this.words[i]|1<<e:this.words[i]&~(1<<e),this.strip()},m.prototype.iadd=function(
e){var t,i,r;if(0!==(this.negative&&0===e.negative))return
this.negative=0,t=this.isub(e),this.negative^=1,this._normSign();if(0===this.negative&&0!==(e.negative))return
e.negative=0,t=this.isub(e),e.negative=1,t._normSign();r=this.length>e.length?(i=this,e):(i=e,this);for(var
f=0,d=0;d<r.length;d++)t=(0|i.words[d])+f,this.words[d]=67108863&t,f=t>>>26;for(;0!==(f&&d<i.le
ngth;d++)t=(0|i.words[d])+f,this.words[d]=67108863&t,f=t>>>26;if(this.length=i.length,0!==(f))this.words[this.lengt
h]=f,this.length++;else if(i!==(this))for(;d<i.length;d++)this.words[d]=i.words[d];return
this},m.prototype.add=function(e){var t;return
0!==(e.negative&&0===this.negative?(e.negative=0,t=this.sub(e),e.negative^=1,t):0===e.negative&&0!==(this.negat
ive?(this.negative=0,t=e.sub(this),this.negative=1,t):this.length>e.length?this.clone().iadd(e):e.clone().iadd(this)}),m.
prototype.isub=function(e){if(0!==(e.negative)){e.negative=0;var t=this.iadd(e);return
e.negative=1,t._normSign()}if(0!==(this.negative))return
this.negative=0,this.iadd(e),this.negative=1,this._normSign();var i,r,f=this.cmp(e);if(0===f)return
this.negative=0,this.length=1,this.words[0]=0,this:r=0<f?(i=this,e):(i=e,this);for(var
d=0,n=0;n<r.length;n++)d=(t=(0|i.words[n])-
(0|r.words[n])+d)>>26,this.words[n]=67108863&t;for(;0!==(d&&n<i.length;n++)d=(t=(0|i.words[n])+d)>>26,this.w
ords[n]=67108863&t;if(0===d&&n<i.length&&i!==(this))for(;n<i.length;n++)this.words[n]=i.words[n];return
this.length=Math.max(this.length,n),i!==(this&&(this.negative=1),this.strip)},m.prototype.sub=function(e){return
this.clone().isub(e)};var d=function(e,t,i){var
r=e.words,f=t.words,d=i.words,n=0|r[0],a=8191&n,s=n>>>13,c=0|r[1],h=8191&c,o=c>>>13,u=0|r[2],b=8191&u,l=
u>>>13,p=0|r[3],m=8191&p,v=p>>>13,g=0|r[4],y=8191&g,M=g>>>13,w=0|r[5],S=8191&w,_=w>>>13,A=0|r[6],
x=8191&A,I=A>>>13,z=0|r[7],q=8191&z,R=z>>>13,k=0|r[8],P=8191&k,j=k>>>13,N=0|r[9],E=8191&N,B=N>>>
13,L=0|f[0],O=8191&L,F=L>>>13,T=0|f[1],C=8191&T,Z=T>>>13,J=0|f[2],H=8191&J,D=J>>>13,X=0|f[3],K=81
91&X,V=X>>>13,W=0|f[4],U=8191&W,Y=W>>>13,G=0|f[5],Q=8191&G,$=G>>>13,n=0|f[6],c=8191&n,u=n>>
>13,p=0|f[7],g=8191&p,w=p>>>13,A=0|f[8],z=8191&A,k=A>>>13,r=0|f[9],N=8191&r,L=r>>>13;i.negative=e.ne
gative^t.negative,i.length=19;var
X=(0+Math.imul(a,O)|0)+((8191&(J=Math.imul(a,F)+Math.imul(s,O)|0))<<13)|0,ee=(Math.imul(s,F)+(J>>>13)|0)+
(X>>>26)|0;X&=67108863,T=Math.imul(h,O),J=Math.imul(h,F)+Math.imul(o,O)|0,W=Math.imul(o,F);G=(ee+(T+
Math.imul(a,C)|0)|0)+((8191&(J=(J+Math.imul(a,Z)|0)+Math.imul(s,C)|0))<<13)|0;ee=((W+Math.imul(s,Z)|0)+(J>>
>13)|0)+(G>>>26)|0,G&=67108863,T=Math.imul(b,O),J=Math.imul(b,F)+Math.imul(l,O)|0,W=Math.imul(l,F),T=
T+Math.imul(h,C)|0,J=(J+Math.imul(h,Z)|0)+Math.imul(o,C)|0,W=W+Math.imul(o,Z)|0;n=(ee+(T+Math.imul(a,H)|
0)|0)+((8191&(J=(J+Math.imul(a,D)|0)+Math.imul(s,H)|0))<<13)|0;ee=((W+Math.imul(s,D)|0)+(J>>>13)|0)+(n>>>
26)|0,n&=67108863,T=Math.imul(m,O),J=Math.imul(m,F)+Math.imul(v,O)|0,W=Math.imul(v,F),T=T+Math.imul(
b,C)|0,J=(J+Math.imul(b,Z)|0)+Math.imul(l,C)|0,W=W+Math.imul(l,Z)|0,T=T+Math.imul(h,H)|0,J=(J+Math.imul(h
,D)|0)+Math.imul(o,H)|0,W=W+Math.imul(o,D)|0;p=(ee+(T+Math.imul(a,K)|0)|0)+((8191&(J=(J+Math.imul(a,V)|0
)+Math.imul(s,K)|0))<<13)|0;ee=((W+Math.imul(s,V)|0)+(J>>>13)|0)+(p>>>26)|0,p&=67108863,T=Math.imul(y,O
),J=Math.imul(y,F)+Math.imul(M,O)|0,W=Math.imul(M,F),T=T+Math.imul(m,C)|0,J=(J+Math.imul(m,Z)|0)+Math
.imul(v,C)|0,W=W+Math.imul(v,Z)|0,T=T+Math.imul(b,H)|0,J=(J+Math.imul(b,D)|0)+Math.imul(l,H)|0,W=W+Mat
h.imul(l,D)|0,T=T+Math.imul(h,K)|0,J=(J+Math.imul(h,V)|0)+Math.imul(o,K)|0,W=W+Math.imul(o,V)|0;A=(ee+(
T+Math.imul(a,U)|0)|0)+((8191&(J=(J+Math.imul(a,Y)|0)+Math.imul(s,U)|0))<<13)|0;ee=((W+Math.imul(s,Y)|0)+(
J>>>13)|0)+(A>>>26)|0,A&=67108863,T=Math.imul(S,O),J=Math.imul(S,F)+Math.imul(_ ,O)|0,W=Math.imul(_ ,F
),T=T+Math.imul(y,C)|0,J=(J+Math.imul(y,Z)|0)+Math.imul(M,C)|0,W=W+Math.imul(M,Z)|0,T=T+Math.imul(m,
H)|0,J=(J+Math.imul(m,D)|0)+Math.imul(v,H)|0,W=W+Math.imul(v,D)|0,T=T+Math.imul(b,K)|0,J=(J+Math.imul(
b,V)|0)+Math.imul(l,K)|0,W=W+Math.imul(l,V)|0,T=T+Math.imul(h,U)|0,J=(J+Math.imul(h,Y)|0)+Math.imul(o,U
)|0,W=W+Math.imul(o,Y)|0;f=(ee+(T+Math.imul(a,Q)|0)|0)+((8191&(J=(J+Math.imul(a,$)|0)+Math.imul(s,Q)|0))<<
13)|0;ee=((W+Math.imul(s,$)|0)+(J>>>13)|0)+(f>>>26)|0,f&=67108863,T=Math.imul(x,O),J=Math.imul(x,F)+Mat
h.imul(l,O)|0,W=Math.imul(l,F),T=T+Math.imul(S,C)|0,J=(J+Math.imul(S,Z)|0)+Math.imul(_ ,C)|0,W=W+Math.im

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$ul(_Z)|0, T=T+Math.imul(y, H)|0, J=(J+Math.imul(y, D)|0)+Math.imul(M, H)|0, W=W+Math.imul(M, D)|0, T=T+Math.imul(m, K)|0, J=(J+Math.imul(m, V)|0)+Math.imul(v, K)|0, W=W+Math.imul(v, V)|0, T=T+Math.imul(b, U)|0, J=(J+Math.imul(b, Y)|0)+Math.imul(l, U)|0, W=W+Math.imul(l, Y)|0, T=T+Math.imul(h, Q)|0, J=(J+Math.imul(h, \$)|0)+Math.imul(o, Q)|0, W=W+Math.imul(o, \$)|0; r=(ee+(T+Math.imul(a, c)|0)|0)+((8191 \& (J=(J+Math.imul(a, u)|0)+Math.imul(s, c)|0)) \< \< 13)|0; ee=((W+Math.imul(s, u)|0)+(J \> \> \> 13)|0)+(r \> \> \> 26)|0, r \& = 67108863, T=Math.imul(q, O), J=Math.imul(q, F)+Math.imul(R, O)|0, W=Math.imul(R, F), T=T+Math.imul(x, C)|0, J=(J+Math.imul(x, Z)|0)+Math.imul(I, C)|0, W=W+Math.imul(I, Z)|0, T=T+Math.imul(S, H)|0, J=(J+Math.imul(S, D)|0)+Math.imul(_, H)|0, W=W+Math.imul(_, D)|0, T=T+Math.imul(y, K)|0, J=(J+Math.imul(y, V)|0)+Math.imul(M, K)|0, W=W+Math.imul(M, V)|0, T=T+Math.imul(m, U)|0, J=(J+Math.imul(m, Y)|0)+Math.imul(v, U)|0, W=W+Math.imul(v, Y)|0, T=T+Math.imul(b, Q)|0, J=(J+Math.imul(b, \$)|0)+Math.imul(l, Q)|0, W=W+Math.imul(l, \$)|0, T=T+Math.imul(h, c)|0, J=(J+Math.imul(h, u)|0)+Math.imul(o, c)|0, W=W+Math.imul(o, u)|0; e=(ee+(T+Math.imul(a, g)|0)|0)+((8191 \& (J=(J+Math.imul(a, w)|0)+Math.imul(s, g)|0)) \< \< 13)|0; ee=((W+Math.imul(s, w)|0)+(J \> \> \> 13)|0)+(e \> \> \> 26)|0, e \& = 67108863, T=Math.imul(P, O), J=Math.imul(P, F)+Math.imul(j, O)|0, W=Math.imul(j, F), T=T+Math.imul(q, C)|0, J=(J+Math.imul(q, Z)|0)+Math.imul(R, C)|0, W=W+Math.imul(R, Z)|0, T=T+Math.imul(x, H)|0, J=(J+Math.imul(x, D)|0)+Math.imul(I, H)|0, W=W+Math.imul(I, D)|0, T=T+Math.imul(S, K)|0, J=(J+Math.imul(S, V)|0)+Math.imul(_, K)|0, W=W+Math.imul(_, V)|0, T=T+Math.imul(y, U)|0, J=(J+Math.imul(y, Y)|0)+Math.imul(M, U)|0, W=W+Math.imul(M, Y)|0, T=T+Math.imul(m, Q)|0, J=(J+Math.imul(m, \$)|0)+Math.imul(v, Q)|0, W=W+Math.imul(v, \$)|0, T=T+Math.imul(b, c)|0, J=(J+Math.imul(b, u)|0)+Math.imul(l, c)|0, W=W+Math.imul(l, u)|0, T=T+Math.imul(h, g)|0, J=(J+Math.imul(h, w)|0)+Math.imul(o, g)|0, W=W+Math.imul(o, w)|0; t=(ee+(T+Math.imul(a, z)|0)|0)+((8191 \& (J=(J+Math.imul(a, k)|0)+Math.imul(s, z)|0)) \< \< 13)|0; ee=((W+Math.imul(s, k)|0)+(J \> \> \> 13)|0)+(t \> \> \> 26)|0, t \& = 67108863, T=Math.imul(E, O), J=Math.imul(E, F)+Math.imul(B, O)|0, W=Math.imul(B, F), T=T+Math.imul(P, C)|0, J=(J+Math.imul(P, Z)|0)+Math.imul(j, C)|0, W=W+Math.imul(j, Z)|0, T=T+Math.imul(q, H)|0, J=(J+Math.imul(q, D)|0)+Math.imul(R, H)|0, W=W+Math.imul(R, D)|0, T=T+Math.imul(x, K)|0, J=(J+Math.imul(x, V)|0)+Math.imul(I, K)|0, W=W+Math.imul(I, V)|0, T=T+Math.imul(S, U)|0, J=(J+Math.imul(S, Y)|0)+Math.imul(_, U)|0, W=W+Math.imul(_, Y)|0, T=T+Math.imul(y, Q)|0, J=(J+Math.imul(y, \$)|0)+Math.imul(M, Q)|0, W=W+Math.imul(M, \$)|0, T=T+Math.imul(m, c)|0, J=(J+Math.imul(m, u)|0)+Math.imul(v, c)|0, W=W+Math.imul(v, u)|0, T=T+Math.imul(b, g)|0, J=(J+Math.imul(b, w)|0)+Math.imul(l, g)|0, W=W+Math.imul(l, w)|0, T=T+Math.imul(h, z)|0, J=(J+Math.imul(h, k)|0)+Math.imul(o, z)|0, W=W+Math.imul(o, k)|0; a=(ee+(T+Math.imul(a, N)|0)|0)+((8191 \& (J=(J+Math.imul(a, L)|0)+Math.imul(s, N)|0)) \< \< 13)|0; ee=((W+Math.imul(s, L)|0)+(J \> \> \> 13)|0)+(a \> \> \> 26)|0, a \& = 67108863, T=Math.imul(E, C), J=Math.imul(E, Z)+Math.imul(B, C)|0, W=Math.imul(B, Z), T=T+Math.imul(P, H)|0, J=(J+Math.imul(P, D)|0)+Math.imul(j, H)|0, W=W+Math.imul(j, D)|0, T=T+Math.imul(q, K)|0, J=(J+Math.imul(q, V)|0)+Math.imul(R, K)|0, W=W+Math.imul(R, V)|0, T=T+Math.imul(x, U)|0, J=(J+Math.imul(x, Y)|0)+Math.imul(I, U)|0, W=W+Math.imul(I, Y)|0, T=T+Math.imul(S, Q)|0, J=(J+Math.imul(S, \$)|0)+Math.imul(_, Q)|0, W=W+Math.imul(_, \$)|0, T=T+Math.imul(y, c)|0, J=(J+Math.imul(y, u)|0)+Math.imul(M, c)|0, W=W+Math.imul(M, u)|0, T=T+Math.imul(m, g)|0, J=(J+Math.imul(m, w)|0)+Math.imul(v, g)|0, W=W+Math.imul(v, w)|0, T=T+Math.imul(b, z)|0, J=(J+Math.imul(b, k)|0)+Math.imul(l, z)|0, W=W+Math.imul(l, k)|0; h=(ee+(T+Math.imul(h, N)|0)|0)+((8191 \& (J=(J+Math.imul(h, L)|0)+Math.imul(o, N)|0)) \< \< 13)|0; ee=((W+Math.imul(o, L)|0)+(J \> \> \> 13)|0)+(h \> \> \> 26)|0, h \& = 67108863, T=Math.imul(E, H), J=Math.imul(E, D)+Math.imul(B, H)|0, W=Math.imul(B, D), T=T+Math.imul(P, K)|0, J=(J+Math.imul(P, V)|0)+Math.imul(j, K)|0, W=W+Math.imul(j, V)|0, T=T+Math.imul(q, U)|0, J=(J+Math.imul(q, Y)|0)+Math.imul(R, U)|0, W=W+Math.imul(R, Y)|0, T=T+Math.imul(x, Q)|0, J=(J+Math.imul(x, \$)|0)+Math.imul(I, Q)|0, W=W+Math.imul(I, \$)|0, T=T+Math.imul(S, c)|0, J=(J+Math.imul(S, u)|0)+Math.imul(_, c)|0, W=W+Math.imul(_, u)|0, T=T+Math.imul(y, g)|0, J=(J+Math.imul(y, w)|0)+Math.imul(M, g)|0, W=W+Math.imul(M, w)|0, T=T+Math.imul(m, z)|0, J=(J+Math.imul(m, k)|0)+Math.imul(v, z)|0, W=W+Math.imul(v, k)|0; b=(ee+(T+Math.imul(b, N)|0)|0)+((8191 \& (J=(J+Math.imul(b, L)|0)+Math.imul(l, N)|0)) \< \< 13)|0; ee=((W+Math.imul(l, L)|0)+(J \> \> \> 13)|0)+(b \> \> \> 26)|0, b \& = 67108863, T=Math.imul(E, K), J=Math.imul(E, V)+Math.imul(B, K)|0, W=Math.imul(B, V), T=T+Math.imul(P, U)|0, J=(J+Math.imul(P, Y)|0)+Math.imul(j, U)|0, W=W+Math.imul(j, Y)|0, T=T+Math.imul(q, Q)|0, J=(J+Math.imul(q, \$)|0)+Math.imul(R, Q)|0, W=W+Math.imul(R, \$)|0, T=T+Math.imul(x, c)|0, J=(J+Math.imul(x, u)|0)+Math.imul(I, c)|0, W=W+Math.imul(I, u)|0, T=T+Math.imul(S, g)|0, J=(J+Math.imul(S, w)|0)+Math.imul(_, g)|0, W=W+Math.imul(_, w)|0, T=T+Math.imul(y, z)|0, J=(J+Math.imul(y, k)|0)+Math.imul(M, z)|0, W=W+Math.imul(M, k)|0; m=(ee+(T+Math.imul(m, N)|0)|0)+((8191 \& (J=(J+Math.imul(m, L)|0)+Math.imul(v, N)|0)) \< \< 13)|0; ee=((W+Math.imul(v, L)|0)+(J \> \> \> 13)|0)+$


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(m>>>26)|0,m&=67108863,T=Math.imul(E,U),J=Math.imul(E,Y)+Math.imul(B,U)|0,W=Math.imul(B,Y),T=T+Ma
th.imul(P,Q)|0,J=(J+Math.imul(P,$)|0)+Math.imul(j,Q)|0,W=W+Math.imul(j,$)|0,T=T+Math.imul(q,c)|0,J=(J+Math
.imul(q,u)|0)+Math.imul(R,c)|0,W=W+Math.imul(R,u)|0,T=T+Math.imul(x,g)|0,J=(J+Math.imul(x,w)|0)+Math.imul
(I,g)|0,W=W+Math.imul(I,w)|0,T=T+Math.imul(S,z)|0,J=(J+Math.imul(S,k)|0)+Math.imul(_z)|0,W=W+Math.imul(
_k)|0;y=(ee+(T+Math.imul(y,N)|0)|0)+((8191&(J=(J+Math.imul(y,L)|0)+Math.imul(M,N)|0))<<13)|0;ee=((W+Mat
h.imul(M,L)|0)+(J>>>13)|0)+(y>>>26)|0,y&=67108863,T=Math.imul(E,Q),J=Math.imul(E,$)+Math.imul(B,Q)|0,
W=Math.imul(B,$),T=T+Math.imul(P,c)|0,J=(J+Math.imul(P,u)|0)+Math.imul(j,c)|0,W=W+Math.imul(j,u)|0,T=T+
Math.imul(q,g)|0,J=(J+Math.imul(q,w)|0)+Math.imul(R,g)|0,W=W+Math.imul(R,w)|0,T=T+Math.imul(x,z)|0,J=(J+
Math.imul(x,k)|0)+Math.imul(I,z)|0,W=W+Math.imul(I,k)|0;S=(ee+(T+Math.imul(S,N)|0)|0)+((8191&(J=(J+Math.i
mul(S,L)|0)+Math.imul(_N)|0))<<13)|0;ee=((W+Math.imul(_L)|0)+(J>>>13)|0)+(S>>>26)|0,S&=67108863,T=Ma
th.imul(E,c),J=Math.imul(E,u)+Math.imul(B,c)|0,W=Math.imul(B,u),T=T+Math.imul(P,g)|0,J=(J+Math.imul(P,w)
|0)+Math.imul(j,g)|0,W=W+Math.imul(j,w)|0,T=T+Math.imul(q,z)|0,J=(J+Math.imul(q,k)|0)+Math.imul(R,z)|0,W=
W+Math.imul(R,k)|0;x=(ee+(T+Math.imul(x,N)|0)|0)+((8191&(J=(J+Math.imul(x,L)|0)+Math.imul(I,N)|0))<<13)|0
;ee=((W+Math.imul(I,L)|0)+(J>>>13)|0)+(x>>>26)|0,x&=67108863,T=Math.imul(E,g),J=Math.imul(E,w)+Math.i
mul(B,g)|0,W=Math.imul(B,w),T=T+Math.imul(P,z)|0,J=(J+Math.imul(P,k)|0)+Math.imul(j,z)|0,W=W+Math.imul(
j,k)|0;q=(ee+(T+Math.imul(q,N)|0)|0)+((8191&(J=(J+Math.imul(q,L)|0)+Math.imul(R,N)|0))<<13)|0;ee=((W+Math.
imul(R,L)|0)+(J>>>13)|0)+(q>>>26)|0,q&=67108863,T=Math.imul(E,z),J=Math.imul(E,k)+Math.imul(B,z)|0,W=M
ath.imul(B,k);P=(ee+(T+Math.imul(P,N)|0)|0)+((8191&(J=(J+Math.imul(P,L)|0)+Math.imul(j,N)|0))<<13)|0;ee=((
W+Math.imul(j,L)|0)+(J>>>13)|0)+(P>>>26)|0,P&=67108863;N=(ee+Math.imul(E,N)|0)+((8191&(J=Math.imul(E,
L)+Math.imul(B,N)|0))<<13)|0;return
ee=(Math.imul(B,L)+(J>>>13)|0)+(N>>>26)|0,N&=67108863,d[0]=X,d[1]=G,d[2]=n,d[3]=p,d[4]=A,d[5]=f,d[6]=r,
d[7]=e,d[8]=t,d[9]=a,d[10]=h,d[11]=b,d[12]=m,d[13]=y,d[14]=S,d[15]=x,d[16]=q,d[17]=P,d[18]=N,0!=ee&&(d[19
]=ee,i.length++),i};function a(e,t,i){return(new s).mulp(e,t,i)}function
s(e,t){this.x=e,this.y=t}Math.imul||(d=f),m.prototype.mulTo=function(e,t){var
i=this.length+e.length,t=(10===this.length&&10===e.length?d:i<63?f:i<1024?function(e,t,i){i.negative=t.negative^
e.negative,i.length=e.length+t.length;for(var r=0,f=0,d=0;d<i.length-1;d++){for(var
n=f,f=0,a=67108863&r,s=Math.min(d,t.length-1),c=Math.max(0,d-e.length+1);c<=s;c++){var h=d-
c,o=(0|e.words[h])*o|t.words[c],h=67108863&o,a=67108863&(h=h+a|0);f+=n=(n=n+(o/67108864|0)|0)+(h>>>2
6)|0>>>26,n&=67108863}i.words[d]=a,r=n,n=f}return 0!==(r?i.words[d]=r:i.length--,i.strip()):a)(this,e,t);return
t},s.prototype.makeRBT=function(e){for(var t=new Array(e),i=m.prototype._countBits(e)-
1,r=0;r<e;r++)t[r]=this.revBin(r,i,e);return t},s.prototype.revBin=function(e,t,i){if(0===e||e===i-1)return e;for(var
r=0,f=0;f<t;f++)r|=(1&e)<<t-f-1,e>>=1;return r},s.prototype.permute=function(e,t,i,r,f,d){for(var
n=0;n<d;n++)r[n]=t[e[n]],f[n]=i[e[n]]},s.prototype.transform=function(e,t,i,r,f,d){this.permute(d,e,t,i,r,f);for(var
n=1;n<f;n<=1)for(var a=n<<1,s=Math.cos(2*Math.PI/a),c=Math.sin(2*Math.PI/a),h=0;h<f;h+=a)for(var
o=s,u=c,b=0;b<n;b++){var l=i[h+b],p=r[h+b],m=o*(g=i[h+b+n])-
u*(v=r[h+b+n]),v=o*v+u*g,g=m;i[h+b]=l+g,r[h+b]=p+v,i[h+b+n]=l-g,r[h+b+n]=p-v,b!==(a&&(m=s*o-
c*u,u=s*u+c*o,o=m))},s.prototype.guessLen13b=function(e,t){for(var
e=1&(r=1|Math.max(t,e)),i=0,r=r/2|0;r>>=1)i++;return
1<<i+1+e},s.prototype.conjugate=function(e,t,i){if(!(i<=1))for(var r=0;r<i/2;r++){var f=e[r];e[r]=e[i-r-1],e[i-r-
1]=f,f=t[r],t[r]=t[i-r-1],t[i-r-1]=f}},s.prototype.normalize13b=function(e,t){for(var i=0,r=0;r<t/2;r++){var
f=8192*Math.round(e[2*r+1]/t)+Math.round(e[2*r]/t)+i,e[r]=67108863&f,i=f<67108864?0:f/67108864|0}return
e},s.prototype.convert13b=function(e,t,i,r){for(var
f=0,d=0;d<t;d++)f+=0|e[d],i[2*d]=8191&f,f>>=13,i[2*d+1]=8191&f,f>>=13;for(d=2*d;d<r;++)i[d]=0;p(0===f
),p(0===(-8192&f))},s.prototype.stub=function(e){for(var t=new Array(e),i=0;i<e;i++)t[i]=0;return
t},s.prototype.mulp=function(e,t,i){var
r=2*this.guessLen13b(e.length,t.length),f=this.makeRBT(r),d=this.stub(r),n=new Array(r),a=new Array(r),s=new
Array(r),c=new Array(r),h=new Array(r),o=new
Array(r),u=i.words;u.length=r,this.convert13b(e.words,e.length,n,r),this.convert13b(t.words,t.length,c,r),this.transfor

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m(n,d,a,s,r,f),this.transform(c,d,h,o,r,f);for(var b=0;b<r;b++){var l=a[b]*h[b]-
s[b]*o[b];s[b]=a[b]*o[b]+s[b]*h[b],a[b]=l}return
this.conjugate(a,s,r),this.transform(a,s,u,d,r,f),this.conjugate(u,d,r),this.normalize13b(u,r),i.negative=e.negative^t.negative,i.length=e.length+t.length,i.strip()),m.prototype.mul=function(e){var t=new m(null);return t.words=new Array(this.length+e.length),this.mulTo(e,t),m.prototype.mulf=function(e){var t=new m(null);return t.words=new Array(this.length+e.length),a(this,e,t),m.prototype.imul=function(e){return this.clone().mulTo(e,this)},m.prototype.imuln=function(e){p("number"===typeof e),p(e<67108864);for(var t=0,i=0;i<this.length;i++){var r=(0|this.words[i])*e,f=(67108863&r)+(67108863&t);t>=26,t+=r/67108864|0,t+=f>>>26,this.words[i]=67108863&f}return 0!==(t&&(this.words[i]=t,this.length++),this)},m.prototype.muln=function(e){return this.clone().imuln(e)},m.prototype.sqr=function(){return this.mul(this)},m.prototype.isqr=function(){return this.imul(this.clone())},m.prototype.pow=function(e){var t=function(e){for(var t=new Array(e.bitLength()),i=0;i<t.length;i++){var r=i/26|0,f=i%26;t[i]=(e.words[r]&1<<f)>>>f}return t}(e);if(0===t.length)return new m(1);for(var i=this,r=0;r<t.length&&0===t[r];r++,i=i.sqr());if(++r<t.length)for(var f=i.sqr();r<t.length;r++,f=f.sqr())0!==t[r]&&(i=i.mul(f));return i},m.prototype.iushln=function(e){p("number"===typeof e&&0<=e);var t=e%26,i=(e-t)/26,r=67108863>>>26-t<<26-t;if(0!=t){for(var f=0,d=0;d<this.length;d++){var n=this.words[d]&r,a=(0|this.words[d])-n<<t;this.words[d]=a|f,f=n>>>26-t}f&&(this.words[d]=f,this.length++)}if(0!=i){for(d=this.length-1;0<=d;d--)this.words[d+i]=this.words[d];for(d=0;d<i;d++)this.words[d]=0;this.length+=i}return this.strip()},m.prototype.ishln=function(e){return p(0===this.negative),this.iushln(e)},m.prototype.iushrn=function(e,t,i){var r;p("number"===typeof e&&0<=e),r=t?(t%26)/26:0;var f=e%26,d=Math.min((e-f)/26,this.length),n=67108863^67108863>>>f<<f,a=i;if(r=d,r=Math.max(0,r),a){for(var s=0;s<d;s++)a.words[s]=this.words[s];a.length=d}if(0===d)if(this.length>d)for(this.length-=d,s=0;s<this.length;s++)this.words[s]=this.words[s+d];else this.words[0]=0,this.length=1;for(var c=0,s=this.length-1;0<=s&&(0===c||r<=s);s--){var h=0|this.words[s];this.words[s]=c<<<26-f|h>>>f,c=h&n}return a&&0!==(c&&(a.words[a.length++]=c),0===this.length&&(this.words[0]=0,this.length=1),this.strip()),m.prototype.ishrn=function(e,t,i){return p(0===this.negative),this.iushrn(e,t,i)},m.prototype.shln=function(e){return this.clone().ishln(e)},m.prototype.ushln=function(e){return this.clone().iushln(e)},m.prototype.shrn=function(e){return this.clone().ishrn(e)},m.prototype.ushrn=function(e){return this.clone().iushrn(e)},m.prototype.testn=function(e){p("number"===typeof e&&0<=e);var t=e%26,e=(e-t)/26,t=1<<t;return!(this.length<=e)&&!(this.words[e]&t)},m.prototype.imaskn=function(e){p("number"===typeof e&&0<=e);var t=e%26,e=(e-t)/26;return p(0===this.negative,"imaskn works only with positive numbers"),this.length<=e?this:(0!=t&&e++,this.length=Math.min(e,this.length),0!=t&&(t=67108863^67108863>>>t<<t,this.words[this.length-1]&t),this.strip()),m.prototype.maskn=function(e){return this.clone().imaskn(e)},m.prototype.iaddn=function(e){return p("number"===typeof e),p(e<67108864),e<0?this.isubn(-e):0!==(this.negative?(1===this.length&&(0|this.words[0])<e?(this.words[0]=e-(0|this.words[0]),this.negative=0):(this.negative=0,this.isubn(e),this.negative=1),this):this._iaddn(e)},m.prototype._iaddn=function(e){this.words[0]+=e;for(var t=0;t<this.length&&67108864<=this.words[t];t++)this.words[t]-=67108864,t===this.length-1?this.words[t+1]=1:this.words[t+1]++;return this.length=Math.max(this.length,t+1),this},m.prototype.isubn=function(e){if(p("number"===typeof e),p(e<67108864),e<0)return this.iaddn(-e);if(0!==(this.negative)return this.negative=0,this.iaddn(e),this.negative=1,this;if(this.words[0]-=e,1===this.length&&this.words[0]<0)this.words[0]=-this.words[0],this.negative=1;else for(var t=0;t<this.length&&this.words[t]<0;t++)this.words[t]+=67108864,--this.words[t+1];return this.strip()),m.prototype.addn=function(e){return this.clone().iaddn(e)},m.prototype.subn=function(e){return this.clone().isubn(e)},m.prototype.iabs=function(){return this.negative=0,this},m.prototype.abs=function(){return

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this.clone().iabs()),m.prototype._ishlnsubmul=function(e,t,i){var r,f=e.length+i;this._expand(f);for(var
d=0,n=0;n<e.length;n++){r=(0|this.words[n+i])+d;var a=(0|e.words[n])*t,d=((r-=67108863&a)>>26)-
(a/67108864|0);this.words[n+i]=67108863&r}for(;n<this.length-
i;n++)d=(r=(0|this.words[n+i])+d)>>26,this.words[n+i]=67108863&r;if(0===d)return this.strip();for(p(-
1===d),n=d=0;n<this.length;n++)d=(r=(0|this.words[n])+d)>>26,this.words[n]=67108863&r;return
this.negative=1,this.strip()),m.prototype._wordDiv=function(e,t){var i=this.length-
e.length,r=this.clone(),f=e,d=0|f.words[f.length-1];0!=(i=26-
this._countBits(d))&&(f=f.usln(i),r.iushln(i),d=0|f.words[f.length-1]);var n,a=r.length-
f.length;if("mod"!==t){(n=new m(null)).length=1+a,n.words=new Array(n.length);for(var
s=0;s<n.length;s++)n.words[s]=0}e=r.clone()._ishlnsubmul(f,1,a);0===e.negative&&(r=e,n&&(n.words[a]=1));for(
var c=a-1;0<=c;c--){var h=67108864*(0|r.words[f.length+c])+(0|r.words[f.length+c-
1]),h=Math.min(h/d|0,67108863);for(r._ishlnsubmul(f,h,c);0!==r.negative;h--
,r.negative=0,r._ishlnsubmul(f,1,c),r.isZero()||(r.negative^=1);n&&(n.words[c]=h)}return
n&&n.strip(),r.strip(),"div"!==t&&0!=i&&r.iushrn(i),{div:n|null,mod:r}},m.prototype.divmod=function(e,t,i){retur
n p(!e.isZero()),this.isZero()){div:new m(0),mod:new
m(0)}:0!==this.negative&&0===e.negative?(d=this.neg().divmod(e,t),"mod"!==t&&(r=d.div.neg()),"div"!==t&&(f
=d.mod.neg(),i&&0!==f.negative&&f.iadd(e)),{div:r,mod:f}):0===this.negative&&0===e.negative?(d=this.divmod
(e.neg(),t),{div:r:"mod"!==t?d.div.neg():r,mod:d.mod}):0!=(this.negative&e.negative)?(d=this.neg().divmod(e.neg(
),t),"div"!==t&&(f=d.mod.neg(),i&&0!==f.negative&&f.isub(e)),{div:d.div,mod:f}):e.length>this.length||this.cmp(
e)<0){div:new
m(0),mod:this}:1===e.length?"div"===t?{div:this.divn(e.words[0]),mod:null}:"mod"===t?{div:null,mod:new
m(this.modn(e.words[0]))}:{div:this.divn(e.words[0]),mod:new m(this.modn(e.words[0]))}:this._wordDiv(e,t);var
r,f,d},m.prototype.div=function(e){return this.divmod(e,"div",!1).div},m.prototype.mod=function(e){return
this.divmod(e,"mod",!1).mod},m.prototype.umod=function(e){return
this.divmod(e,"mod",!0).mod},m.prototype.divRound=function(e){var t=this.divmod(e);if(t.mod.isZero())return
t.div;var i=0!==t.div.negative?t.mod.isub(e):t.mod,r=e.usln(1),e=e.andln(1),r=i.cmp(r);return
r<0||1===e&&0===r?t.div:0!==t.div.negative?t.div.isubn(1):t.div.iaddn(1)},m.prototype.modn=function(e){p(e<=6
7108863);for(var t=(1<<26)%e,i=0,r=this.length-1;0<=r;r--)i=(t*i+(0|this.words[r]))%e;return
i},m.prototype.idivn=function(e){p(e<=67108863);for(var t=0,i=this.length-1;0<=i;i--){var
r=(0|this.words[i])+67108864*t;this.words[i]=r/e|0,t=r%e}return this.strip()},m.prototype.divn=function(e){return
this.clone().idivn(e)},m.prototype.egcd=function(e){p(0===e.negative),p(!e.isZero());for(var
t=this,i=e.clone(),t=0!==t.negative?t.umod(e):t.clone(),r=new m(1),f=new m(0),d=new m(0),n=new
m(1),a=0;t.isEven()&&i.isEven();t.iushrn(1),i.iushrn(1),++a;for(var s=i.clone(),c=t.clone();!t.isZero();){for(var
h=0,o=1;0==(t.words[0]&o)&&h<26;++h,o<=1);if(0<h)for(t.iushrn(h);0<h--
);(r.isOdd()||f.isOdd())&&(r.iadd(s),f.isub(c)),r.iushrn(1),f.iushrn(1);for(var
u=0,b=1;0==(i.words[0]&b)&&u<26;++u,b<=1);if(0<u)for(i.iushrn(u);0<u--
);(d.isOdd()||n.isOdd())&&(d.iadd(s),n.isub(c)),d.iushrn(1),n.iushrn(1);0<=t.cmp(i)?(t.isub(i),r.isub(d),f.isub(n)):
(i.isub(t),d.isub(r),n.isub(f))}return {a:d,b:n,gcd:i.iushrn(a)}},m.prototype._invmp=function(e){p(0===e.negative),p(!e.i
sZero());for(var t,i=this,r=e.clone(),i=0!==i.negative?i.umod(e):i.clone(),f=new m(1),d=new
m(0),n=r.clone();0<i.cmpn(1)&&0<r.cmpn(1);){for(var
a=0,s=1;0==(i.words[0]&s)&&a<26;++a,s<=1);if(0<a)for(i.iushrn(a);0<a--
);f.isOdd()&&f.iadd(n),f.iushrn(1);for(var
c=0,h=1;0==(r.words[0]&h)&&c<26;++c,h<=1);if(0<c)for(r.iushrn(c);0<c--
);d.isOdd()&&d.iadd(n),d.iushrn(1);0<=i.cmp(r)?(i.isub(r),f.isub(d)):
(r.isub(i),d.isub(f))}return(t=0===i.cmpn(1)?f:
d).cmpn(0)<0&&t.iadd(e),t},m.prototype.gcd=function(e){if(this.isZero())return e.abs();if(e.isZero())return
this.abs();var t=this.clone(),i=e.clone();t.negative=0;for(var
r=i.negative=0;t.isEven()&&i.isEven();r++)t.iushrn(1),i.iushrn(1);for(;){for(;t.isEven();t.iushrn(1);for(;i.isEven();i
.iushrn(1);var f=t.cmp(i);if(f<0)var d=t,i=i,d;else if(0===f|0===i.cmpn(1))break;t.isub(i)}return

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i.iushln(r)},m.prototype.invm=function(e){return this.egcd(e).a.umod(e)},m.prototype.isEven=function(){return
0==(1&this.words[0])},m.prototype.isOdd=function(){return
1==(1&this.words[0])},m.prototype.andln=function(e){return
this.words[0]&e},m.prototype.bincn=function(e){p("number"==typeof e);var t=e%26,e=(e-
t)/26,t=1<<t;if(this.length<=e)return this._expand(1+e),this.words[e]=t,this;for(var
i=t,r=e;0!==(i&&r<this.length;r++){var f=0|this.words[r],i=(f+=i)>>>26;f&=67108863,this.words[r]=f}return
0!==(i&&(this.words[r]=i,this.length++),this)},m.prototype.isZero=function(){return
1===this.length&&0===this.words[0]},m.prototype.cmpn=function(e){var t=e<0;return
0===this.negative||t?0===this.negative&&t?1:(this.strip(),e=1<this.length?1:(p((e=t?-e:e)<=67108863,"Number is
too big"),(t=0|this.words[0])===e?0:t<e?-1:1),0!==(this.negative?0|-e:e):-
1)},m.prototype.cmp=function(e){if(0!==(this.negative&&0===e.negative)return-
1;if(0===this.negative&&0!==(e.negative)return 1;e=this.ucmp(e);return 0!==(this.negative?0|-
e:e)},m.prototype.ucmp=function(e){if(this.length>e.length)return 1;if(this.length<e.length)return-1;for(var
t=0,i=this.length-1;0<=i;i--){var r=0|this.words[i],f=0|e.words[i];if(r!=f){r<f?t=-1:f<r&&(t=1);break}}return
t},m.prototype.gtn=function(e){return 1===this.cmpn(e)},m.prototype.gt=function(e){return
1===this.cmp(e)},m.prototype.gten=function(e){return 0<=this.cmpn(e)},m.prototype.gte=function(e){return
0<=this.cmp(e)},m.prototype.ltn=function(e){return-1===this.cmpn(e)},m.prototype.lt=function(e){return-
1===this.cmp(e)},m.prototype.lten=function(e){return this.cmpn(e)<=0},m.prototype.lte=function(e){return
this.cmp(e)<=0},m.prototype.eqn=function(e){return 0===this.cmpn(e)},m.prototype.eq=function(e){return
0===this.cmp(e)},m.red=function(e){return new w(e)},m.prototype.toRed=function(e){return p(!this.red,"Already a
number in reduction context"),p(0===this.negative,"red works only with
positives"),e.convertTo(this)._forceRed(e)},m.prototype.fromRed=function(){return p(this.red,"fromRed works
only with numbers in reduction context"),this.red.convertFrom(this)},m.prototype._forceRed=function(e){return
this.red=e,this},m.prototype.forceRed=function(e){return p(!this.red,"Already a number in reduction
context"),this._forceRed(e)},m.prototype.redAdd=function(e){return p(this.red,"redAdd works only with red
numbers"),this.red.add(this,e)},m.prototype.redIAdd=function(e){return p(this.red,"redIAdd works only with red
numbers"),this.red.iadd(this,e)},m.prototype.redSub=function(e){return p(this.red,"redSub works only with red
numbers"),this.red.sub(this,e)},m.prototype.redISub=function(e){return p(this.red,"redISub works only with red
numbers"),this.red.isub(this,e)},m.prototype.redShl=function(e){return p(this.red,"redShl works only with red
numbers"),this.red.shl(this,e)},m.prototype.redMul=function(e){return p(this.red,"redMul works only with red
numbers"),this.red._verify2(this,e),this.red.mul(this,e)},m.prototype.redIMul=function(e){return p(this.red,"redMul
works only with red numbers"),this.red._verify2(this,e),this.red.imul(this,e)},m.prototype.redSqr=function(){return
p(this.red,"redSqr works only with red
numbers"),this.red._verify1(this),this.red.sqr(this)},m.prototype.redISqr=function(){return p(this.red,"redISqr works
only with red numbers"),this.red._verify1(this),this.red.isqr(this)},m.prototype.redSqrt=function(){return
p(this.red,"redSqrt works only with red
numbers"),this.red._verify1(this),this.red.sqrt(this)},m.prototype.redInvm=function(){return p(this.red,"redInvm
works only with red numbers"),this.red._verify1(this),this.red.invm(this)},m.prototype.redNeg=function(){return
p(this.red,"redNeg works only with red
numbers"),this.red._verify1(this),this.red.neg(this)},m.prototype.redPow=function(e){return
p(this.red&&!e.red,"redPow(normalNum)"),this.red._verify1(this),this.red.pow(this,e)};var
c={k256:null,p224:null,p192:null,p25519:null};function h(e,t){this.name=e,this.p=new
m(t,16),this.n=this.p.bitLength(),this.k=new m(1).iushln(this.n).isub(this.p),this.tmp=this._tmp()}function
v(){h.call(this,"k256","ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff
ffffffffe fffffc2f")}function
g(){h.call(this,"p224","ffffffff ffffffff ffffffff ffffffff 00000000 00000000 00000001")}function
y(){h.call(this,"p192","ffffffff ffffffff ffffffff ffffffff ffffffff ffffffff")}function
M(){h.call(this,"25519","7fffffffffffffff ffffffffffffffff ffffffffffffffff ffffffffffffffffed")}function w(e){var
t;"string"==typeof e?(t=m._prime(e),this.m=t.p,this.prime=t):(p(e.gtn(1),"modulus must be greater than

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1"),this.m=e,this.prime=null})function
S(e){w.call(this,e),this.shift=this.m.bitLength(),this.shift%26!=0&&(this.shift+=26-this.shift%26),this.r=new
m(1).iushln(this.shift),this.r2=this.imod(this.r.sqr()),this.rinv=this.r._invmp(this.m),this.minv=this.rinv.mul(this.r).is
ubn(1).div(this.m),this.minv=this.minv.umod(this.r),this.minv=this.r.sub(this.minv)}h.prototype._tmp=function(){v
ar e=new m(null);return e.words=new Array(Math.ceil(this.n/13)),e,h.prototype.ireduce=function(e){for(var
t,i=e;this.split(i,this.tmp),t=(i=(i=this.imulK(i)).iadd(this.tmp)).bitLength(),t>this.n;);e=t<this.n?-
1:i.ucmp(this.p);return 0===e?(i.words[0]=0,i.length=1):0<e?i.isub(this.p):void
0!:=i.strip?i.strip():i._strip(i),h.prototype.split=function(e,t){e.iushrn(this.n,0,t)},h.prototype.imulK=function(e){r
eturn e.imul(this.k)},i(v,h),v.prototype.split=function(e,t){for(var
i=Math.min(e.length,9),r=0;r<i;r++)t.words[r]=e.words[r];if(t.length=i,e.length<=9)return
e.words[0]=0,void(e.length=1);var f=e.words[9];for(t.words[t.length++]=4194303&f,r=10;r<e.length;r++){var
d=0|e.words[r];e.words[r-10]=(4194303&d)<<4|f>>>22,f=d}f>>>=22,0===e.words[r-
10]=f)&&10<e.length?e.length-=10:e.length-
=9},v.prototype.imulK=function(e){e.words[e.length]=0,e.words[e.length+1]=0,e.length+=2;for(var
t=0,i=0;i<e.length;i++){var r=0|e.words[i];t+=977*r,e.words[i]=67108863&t,t=64*r+(t/67108864|0)}return
0===e.words[e.length-1]&&(e.length--,0===e.words[e.length-1]&&e.length--
),e},i(g,h),i(y,h),i(M,h),M.prototype.imulK=function(e){for(var t=0,i=0;i<e.length;i++){var
r=19*(0|e.words[i])+t,f=67108863&r;r>>>=26,e.words[i]=f,t=r}return
0!:=t&&(e.words[e.length++]=t),e},m._prime=function(e){if(c[e])return c[e];var t;if("k256"===e)t=new v;else
if("p224"===e)t=new g;else if("p192"===e)t=new y;else if("p25519"!==e)throw new Error("Unknown prime
"+e);t=new M}return c[e]=t},w.prototype._verify1=function(e){p(0===e.negative,"red works only with
positives"),p(e.red,"red works only with red
numbers")},w.prototype._verify2=function(e,t){p(0==(e.negative|t.negative),"red works only with
positives"),p(e.red&&e.red===t.red,"red works only with red
numbers")},w.prototype.imod=function(e){return(this.prime?this.prime.ireduce(e):e.umod(this.m))._forceRed(this)}
,w.prototype.neg=function(e){return
e.isZero()?e.clone():this.m.sub(e)._forceRed(this)},w.prototype.add=function(e,t){this._verify2(e,t);t=e.add(t);return
0<=t.cmp(this.m)&&t.isub(this.m),t._forceRed(this)},w.prototype.iadd=function(e,t){this._verify2(e,t);t=e.iadd(t);re
turn 0<=t.cmp(this.m)&&t.isub(this.m),t},w.prototype.sub=function(e,t){this._verify2(e,t);t=e.sub(t);return
t.cmpn(0)<0&&t.iadd(this.m),t._forceRed(this)},w.prototype.isub=function(e,t){this._verify2(e,t);t=e.isub(t);return
t.cmpn(0)<0&&t.iadd(this.m),t},w.prototype.shl=function(e,t){return
this._verify1(e),this.imod(e.ushln(t))},w.prototype.imul=function(e,t){return
this._verify2(e,t),this.imod(e.imul(t))},w.prototype.mul=function(e,t){return
this._verify2(e,t),this.imod(e.mul(t))},w.prototype.isqr=function(e){return
this.imul(e,e.clone())},w.prototype.sqr=function(e){return
this.mul(e,e)},w.prototype.sqrt=function(e){if(e.isZero())return e.clone();var
t=this.m.andln(3);if(p(t%2==1),3===t){t=this.m.add(new m(1)).iushrn(2);return this.pow(e,t)}for(var
i=this.m.subn(1),r=0;!i.isZero()&&0===i.andln(1);r++,i.iushrn(1);p(!i.isZero());for(var f=new
m(1).toRed(this),d=f.redNeg(),n=this.m.subn(1).iushrn(1),a=new
m(2*(a=this.m.bitLength()*a).toRed(this);0!:=this.pow(a,n).cmp(d);a.redIAdd(d);for(var
s=this.pow(a,i),c=this.pow(e,i.addn(1).iushrn(1)),h=this.pow(e,i),o=r;0!:=h.cmp(f);){for(var
u=h,b=0;0!:=u.cmp(f);b++)u=u.redSqr();p(b<o);var l=this.pow(s,new m(1).iushln(o-b-
1)),c=c.redMul(l),s=l.redSqr(),h=h.redMul(s),o=b}return
c},w.prototype.invmp=function(e){e=e._invmp(this.m);return
0!:=e.negative?(e.negative=0,this.imod(e).redNeg()):this.imod(e)},w.prototype.pow=function(e,t){if(t.isZero())retu
rn new m(1).toRed(this);if(0===t.cmpn(1))return e.clone();var i=new Array(16);i[0]=new
m(1).toRed(this),i[1]=e;for(var r=2;r<i.length;r++)i[r]=this.mul(i[r-1],e);var
f=i[0],d=0,n=0,a=t.bitLength()%26;for(0===a&&(a=26),r=t.length-1;0<=r;r--){for(var s=t.words[r],c=a-1;0<=c;c--

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){ var
h=s>>c&1;!f!==(i[0]&&(f=this.sqr(f)),0)!h||0!==(d<<=1,d|h,(4===++n||0===r&&0===c)&&(f=this.mul(f,i[d]),d
=n=0)):n=0)a=26)return f},w.prototype.convertTo=function(e){var t=e.umod(this.m);return
t===e?t.clone():t},w.prototype.convertFrom=function(e){e=e.clone();return
e.red=null,e},m.mont=function(e){return new S(e)},i(S,w),S.prototype.convertTo=function(e){return
this.imod(e.ushln(this.shift))},S.prototype.convertFrom=function(e){e=this.imod(e.mul(this.rinv));return
e.red=null,e},S.prototype.imul=function(e,t){if(e.isZero()||t.isZero())return
e.words[0]=0,e.length=1,e;e=e.imul(t),t=e.maskn(this.shift).mul(this.minv).imaskn(this.shift).mul(this.m),e=e.isub(t
).iushrn(this.shift),t=e;return
0<=e.cmp(this.m)?t=e.isub(this.m):e.cmpn(0)<0&&(t=e.iadd(this.m)),t._forceRed(this)},S.prototype.mul=function(
e,t){if(e.isZero()||t.isZero())return new
m(0)._forceRed(this);e=e.mul(t),t=e.maskn(this.shift).mul(this.minv).imaskn(this.shift).mul(this.m),e=e.isub(t).iushr
n(this.shift),t=e;return
0<=e.cmp(this.m)?t=e.isub(this.m):e.cmpn(0)<0&&(t=e.iadd(this.m)),t._forceRed(this)},S.prototype.invm=function
(e){return this.imod(e._invmp(this.m).mul(this.r2))._forceRed(this)}(void
0===e||e,this)},{buffer:18}],17:[function(e,t,i){var r;function
f(e){this.rand=e}if(t.exports=function(e){return(r=r||new
f(null)).generate(e)},(t.exports.Rand=f).prototype.generate=function(e){return
this._rand(e)},f.prototype._rand=function(e){if(this.rand.getBytes)return this.rand.getBytes(e);for(var t=new
Uint8Array(e),i=0;i<t.length;i++)t[i]=this.rand.getBytes();return t},"object"===typeof
self)self.crypto&&self.crypto.getRandomValues?f.prototype._rand=function(e){e=new Uint8Array(e);return
self.crypto.getRandomValues(e,e):self.msCrypto&&self.msCrypto.getRandomValues?f.prototype._rand=function(
e){e=new Uint8Array(e);return self.msCrypto.getRandomValues(e,e):"object"===typeof
window&&(f.prototype._rand=function(){throw new Error("Not implemented yet")});else try{var
d=e("crypto");if("function"!==typeof d.randomBytes)throw new Error("Not
supported");f.prototype._rand=function(e){return
d.randomBytes(e)}catch(e){}},{crypto:18}],18:[function(e,t,i){},{},19:[function(e,t,i){i.utils=e("./hash/utils"),i.co
mmon=e("./hash/common"),i.sha=e("./hash/sha"),i.ripemd=e("./hash/ripemd"),i.hmac=e("./hash/hmac"),i.sha1=i.sha
.sha1,i.sha256=i.sha.sha256,i.sha224=i.sha.sha224,i.sha384=i.sha.sha384,i.sha512=i.sha.sha512,i.ripemd160=i.ripe
md.ripemd160},{"/hash/common":20,"/hash/hmac":21,"/hash/ripemd":22,"/hash/sha":23,"/hash/utils":30}],20:[fun
ction(e,t,i){"use strict";var r=e("./utils"),f=e("minimalistic-assert");function
d(){this.pending=null,this.pendingTotal=0,this.blockSize=this.constructor.blockSize,this.outSize=this.constructor.o
utSize,this.hmacStrength=this.constructor.hmacStrength,this.padLength=this.constructor.padLength/8,this.endian="
big",this._delta8=this.blockSize/8,this._delta32=this.blockSize/32}(i.BlockHash=d).prototype.update=function(e,t){
if(e=r.toArray(e,t),this.pending?this.pending=this.pending.concat(e):this.pending=e,this.pendingTotal+=e.length,this
.pending.length>=this._delta8){t=(e=this.pending).length%this._delta8;this.pending=e.slice(e.length-
t,e.length),0===this.pending.length&&(this.pending=null),e=r.join32(e,0,e.length-t,this.endian);for(var
i=0;i<e.length;i+=this._delta32)this._update(e,i+this._delta32)}return this},d.prototype.digest=function(e){return
this.update(this._pad()),f(null===this.pending),this._digest(e)},d.prototype._pad=function(){var
e=this.pendingTotal,t=this._delta8,i=t-(e+this.padLength)%t,r=new Array(i+this.padLength);r[0]=128;for(var
f=1;f<i;f++)r[f]=0;if(e<<=3,"big"===this.endian){for(var
d=8;d<this.padLength;d++)r[f++]=0;r[f++]=0,r[f++]=0,r[f++]=0,r[f++]=0,r[f++]=e>>>24&255,r[f++]=e>>>16&25
5,r[f++]=e>>>8&255,r[f++]=255&e}else
for(r[f++]=255&e,r[f++]=e>>>8&255,r[f++]=e>>>16&255,r[f++]=e>>>24&255,r[f++]=0,r[f++]=0,r[f++]=0,r[f++
]=0,d=8;d<this.padLength;d++)r[f++]=0;return r}},{"/utils":30,"minimalistic-assert":33}],21:[function(e,t,i){"use
strict";var r=e("./utils"),f=e("minimalistic-assert");function d(e,t,i){if(!(this instanceof d))return new
d(e,t,i);this.Hash=e,this.blockSize=e.blockSize/8,this.outSize=e.outSize/8,this.inner=null,this.outer=null,this._init(r.t
oArray(t,i))(t.exports=d).prototype._init=function(e){e.length>this.blockSize&&(e=(new

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this.Hash).update(e).digest(),f(e.length<=this.blockSize);for(var
t=e.length;t<this.blockSize;t++)e.push(0);for(t=0;t<e.length;t++)e[t]^=54;for(this.inner=(new
this.Hash).update(e),t=0;t<e.length;t++)e[t]^=106;this.outer=(new
this.Hash).update(e)},d.prototype.update=function(e,t){return
this.inner.update(e,t),this},d.prototype.digest=function(e){return
this.outer.update(this.inner.digest()),this.outer.digest(e)}},{"/utils":30,"minimalistic-
assert":33}],22:[function(e,t,i){"use strict";var
r=e("./utils"),e=e("./common"),p=r.rotl32,m=r.sum32,v=r.sum32_3,g=r.sum32_4,f=e.BlockHash;function
d(){if(!(this instanceof d))return new
d;f.call(this),this.h=[1732584193,4023233417,2562383102,271733878,3285377520],this.endian="little"}function
y(e,t,i,r){return
e<=15?t^i^r:e<=31?t&i|~t&r:e<=47?(t|~i)^r:e<=63?t&r|i&~r:t^(i|~r)}r.inherits(d,f),(i.ripemd160=d).blockSize=512,
d.outSize=160,d.hmacStrength=192,d.padLength=64,d.prototype._update=function(e,t){for(var
i,r=h=this.h[0],f=l=this.h[1],d=b=this.h[2],n=u=this.h[3],a=o=this.h[4],s=0;s<80;s++)var
c=m(p(g(h,y(s,l,b,u),e[M[s]+t]),(i=s)<=15?0:i<=31?1518500249:i<=47?1859775393:i<=63?2400959708:284085383
8),S[s]),o),h=o,o=u,u=p(b,10),b=l,l=c,c=m(p(g(r,y(79-
s,f,d,n),e[w[s]+t]),(i=s)<=15?1352829926:i<=31?1548603684:i<=47?1836072691:i<=63?2053994217:0),_s]),a),r=a
,a=n,n=p(d,10),d=f,f=c;c=v(this.h[1],b,n),this.h[1]=v(this.h[2],u,a),this.h[2]=v(this.h[3],o,r),this.h[3]=v(this.h[4],h,f)
,this.h[4]=v(this.h[0],l,d),this.h[0]=c,d.prototype._digest=function(e){return"hex"===e?r.toHex32(this.h,"little"):r.
split32(this.h,"little");var
M=[0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,7,4,13,1,10,6,15,3,12,0,9,5,2,14,11,8,3,10,14,4,9,15,8,1,2,7,0,6,13,11,5,12,
1,9,11,10,0,8,12,4,13,3,7,15,14,5,6,2,4,0,5,9,7,12,2,10,14,1,3,8,11,6,15,13],w=[5,14,7,0,9,2,11,4,13,6,15,8,1,10,3,12
,6,11,3,7,0,13,5,10,14,15,8,12,4,9,1,2,15,5,1,3,7,14,6,9,11,8,12,2,10,0,4,13,8,6,4,1,3,11,15,0,5,12,2,13,9,7,10,14,12,
15,10,4,1,5,8,7,6,2,13,14,0,3,9,11],S=[11,14,15,12,5,8,7,9,11,13,14,15,6,7,9,8,7,6,8,13,11,9,7,15,7,12,15,9,11,7,13,1
2,11,13,6,7,14,9,13,15,14,8,13,6,5,12,7,5,11,12,14,15,14,15,9,8,9,14,5,6,8,6,5,12,9,15,5,11,6,8,13,12,5,12,13,14,11,
8,5,6],_=[8,9,9,11,13,15,15,5,7,7,8,11,14,14,12,6,9,13,15,7,12,8,9,11,7,7,12,7,6,15,13,11,9,7,15,11,8,6,6,14,12,13,5,
14,13,13,7,5,15,5,8,11,14,14,6,14,6,9,12,9,12,5,15,8,8,5,12,9,12,5,14,6,8,13,6,5,15,13,11,11]},{"./common":20,"/ut
ils":30}],23:[function(e,t,i){"use
strict";i.sha1=e("./sha/1"),i.sha224=e("./sha/224"),i.sha256=e("./sha/256"),i.sha384=e("./sha/384"),i.sha512=e("./sha
/512")},{"/sha/1":24,"./sha/224":25,"./sha/256":26,"./sha/384":27,"./sha/512":28}],24:[function(e,t,i){"use
strict";var
r=e("./utils"),f=e("./common"),e=e("./common"),h=r.rotl32,o=r.sum32,u=r.sum32_5,b=e.ft_1,d=f.BlockHash,l=[15
18500249,1859775393,2400959708,3395469782];function n(){if(!(this instanceof n))return new
n;d.call(this),this.h=[1732584193,4023233417,2562383102,271733878,3285377520],this.W=new
Array(80)}r.inherits(n,d),(t.exports=n).blockSize=512,n.outSize=160,n.hmacStrength=80,n.padLength=64,n.prototy
pe._update=function(e,t){for(var i=this.W,r=0;r<16;r++)i[r]=e[t+r];for(;r<i.length;r++)i[r]=h(i[r-3]^i[r-8]^i[r-
14]^i[r-16],1);for(var f=this.h[0],d=this.h[1],n=this.h[2],a=this.h[3],s=this.h[4],r=0;r<i.length;r++)var
c=~~(r/20),c=u(h(f,5),b(c,d,n,a),s,i[r],l[c]),s=a,a=n,n=h(d,30),d=f,f=c;this.h[0]=o(this.h[0],f),this.h[1]=o(this.h[1],d),
this.h[2]=o(this.h[2],n),this.h[3]=o(this.h[3],a),this.h[4]=o(this.h[4],s)},n.prototype._digest=function(e){return"hex"
===e?r.toHex32(this.h,"big"):r.split32(this.h,"big")},{"/common":20,"./utils":30,"./common":29}],25:[function(e
,t,i){"use strict";var r=e("./utils"),f=e("./256");function d(){if(!(this instanceof d))return new
d;f.call(this),this.h=[3238371032,914150663,812702999,4144912697,4290775857,1750603025,1694076839,32040
75428]}r.inherits(d,f),(t.exports=d).blockSize=512,d.outSize=224,d.hmacStrength=192,d.padLength=64,d.prototype
._digest=function(e){return"hex"===e?r.toHex32(this.h.slice(0,7),"big"):r.split32(this.h.slice(0,7),"big")},{"/utils
":30,"./256":26}],26:[function(e,t,i){"use strict";var
r=e("./utils"),f=e("./common"),d=e("./common"),l=e("minimalistic-
assert"),p=r.sum32,m=r.sum32_4,v=r.sum32_5,g=d.ch32,y=d.maj32,M=d.s0_256,w=d.s1_256,S=d.g0_256,_=d.g1_
256,n=f.BlockHash,a=[1116352408,1899447441,3049323471,3921009573,961987163,1508970993,2453635748,28

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70763221,3624381080,310598401,607225278,1426881987,1925078388,2162078206,2614888103,3248222580,383
5390401,4022224774,264347078,604807628,770255983,1249150122,1555081692,1996064986,2554220882,28218
34349,2952996808,3210313671,3336571891,3584528711,113926993,338241895,666307205,773529912,12947573
72,1396182291,1695183700,1986661051,2177026350,2456956037,2730485921,2820302411,3259730800,3345764
771,3516065817,3600352804,4094571909,275423344,430227734,506948616,659060556,883997877,958139571,1
322822218,1537002063,1747873779,1955562222,2024104815,2227730452,2361852424,2428436474,2756734187,
3204031479,3329325298];function s(){if(!(this instanceof s))return new
s;n.call(this),this.h=[1779033703,3144134277,1013904242,2773480762,1359893119,2600822924,528734635,1541
459225],this.k=a,this.W=new
Array(64)}r.inherits(s,n),(t.exports=s).blockSize=512,s.outSize=256,s.hmacStrength=192,s.padLength=64,s.prototy
pe._update=function(e,t){for(var i=this.W,r=0;r<16;r++)i[r]=e[t+r];for(;r<i.length;r++)i[r]=m(_(i[r-2]),i[r-7],S(i[r-
15]),i[r-16]);var
f=this.h[0],d=this.h[1],n=this.h[2],a=this.h[3],s=this.h[4],c=this.h[5],h=this.h[6],o=this.h[7];for(l(this.k.length===i.l
ength),r=0;r<i.length;r++)var
u=v(o,w(s),g(s,c,h),this.k[r],i[r]),b=p(M(f),y(f,d,n)),o=h,h=c,c=s,s=p(a,u),a=n,n=d,d=f,f=p(u,b);this.h[0]=p(this.h[0]
,f),this.h[1]=p(this.h[1],d),this.h[2]=p(this.h[2],n),this.h[3]=p(this.h[3],a),this.h[4]=p(this.h[4],s),this.h[5]=p(this.h[5]
,c),this.h[6]=p(this.h[6],h),this.h[7]=p(this.h[7],o)},s.prototype._digest=function(e){return"hex"===e?r.toHex32(thi
s.h,"big"):r.split32(this.h,"big")},{"/utils":30,"/common":29,"minimalistic-
assert":33}],27:[function(e,t,i){"use strict";var r=e("../utils"),f=e("./512");function d(){if(!(this instanceof d))return
new
d:f.call(this),this.h=[3418070365,3238371032,1654270250,914150663,2438529370,812702999,355462360,414491
2697,1731405415,4290775857,2394180231,1750603025,3675008525,1694076839,1203062813,3204075428]}r.inh
erits(d,f),(t.exports=d).blockSize=1024,d.outSize=384,d.hmacStrength=192,d.padLength=128,d.prototype._digest=f
unction(e){return"hex"===e?r.toHex32(this.h.slice(0,12),"big"):r.split32(this.h.slice(0,12),"big")},{"/utils":30,"/
512":28}],28:[function(e,t,i){"use strict";var r=e("../utils"),f=e("../common"),P=e("minimalistic-
assert"),j=r.rotr64_hi,N=r.rotr64_lo,u=r.shr64_hi,b=r.shr64_lo,E=r.sum64,B=r.sum64_hi,L=r.sum64_lo,l=r.sum64_
4_hi,p=r.sum64_4_lo,O=r.sum64_5_hi,F=r.sum64_5_lo,d=f.BlockHash,n=[1116352408,3609767458,1899447441,
602891725,3049323471,3964484399,3921009573,2173295548,961987163,4081628472,1508970993,3053834265,2
453635748,2937671579,2870763221,3664609560,3624381080,2734883394,310598401,1164996542,607225278,13
23610764,1426881987,3590304994,1925078388,4068182383,2162078206,991336113,2614888103,633803317,324
8222580,3479774868,3835390401,2666613458,4022224774,944711139,264347078,2341262773,604807628,20078
00933,770255983,1495990901,1249150122,1856431235,1555081692,3175218132,1996064986,2198950837,25542
20882,3999719339,2821834349,766784016,2952996808,2566594879,3210313671,3203337956,3336571891,10344
57026,3584528711,2466948901,113926993,3758326383,338241895,168717936,666307205,1188179964,77352991
2,1546045734,1294757372,1522805485,1396182291,2643833823,1695183700,2343527390,1986661051,10144774
80,2177026350,1206759142,2456956037,344077627,2730485921,1290863460,2820302411,3158454273,32597308
00,3505952657,3345764771,106217008,3516065817,3606008344,3600352804,1432725776,4094571909,14670315
94,275423344,851169720,430227734,3100823752,506948616,1363258195,659060556,3750685593,883997877,37
85050280,958139571,3318307427,1322822218,3812723403,1537002063,2003034995,1747873779,3602036899,19
55562222,1575990012,2024104815,1125592928,2227730452,2716904306,2361852424,442776044,2428436474,59
3698344,2756734187,3733110249,3204031479,2999351573,3329325298,3815920427,3391569614,3928383900,35
15267271,566280711,3940187606,3454069534,4118630271,4000239992,116418474,1914138554,174292421,2731
055270,289380356,3203993006,460393269,320620315,685471733,587496836,852142971,1086792851,101703629
8,365543100,1126000580,2618297676,1288033470,3409855158,1501505948,4234509866,1607167915,987167468
,1816402316,1246189591];function a(){if(!(this instanceof a))return new
a;d.call(this),this.h=[1779033703,4089235720,3144134277,2227873595,1013904242,4271175723,2773480762,159
5750129,1359893119,2917565137,2600822924,725511199,528734635,4215389547,1541459225,327033209],this.k
=n,this.W=new
```



```
Array(160)}r.inherits(a,d),(t.exports=a).blockSize=1024,a.outSize=512,a.hmacStrength=192,a.padLength=128,a.pro
totype._prepareBlock=function(e,t){for(var i=this.W,r=0;r<32;r++)i[r]=e[t+r];for(;r<i.length;r+=2){var
f=function(e,t){var i=j(e,t,19),r=j(t,e,29),t=u(e,t,6),t=i^r^t;t<0&&(t+=4294967296);return t}(i[r-4],i[r-
3]),d=function(e,t){var i=N(e,t,19),r=N(t,e,29),t=b(e,t,6),t=i^r^t;t<0&&(t+=4294967296);return t}(i[r-4],i[r-
3]),n=i[r-14],a=i[r-13],s=function(e,t){var i=j(e,t,1),r=j(e,t,8),t=u(e,t,7),t=i^r^t;t<0&&(t+=4294967296);return
t}(i[r-30],i[r-29]),c=function(e,t){var i=N(e,t,1),r=N(e,t,8),t=b(e,t,7),t=i^r^t;t<0&&(t+=4294967296);return t}(i[r-
30],i[r-29]),h=i[r-32],o=i[r-
31];i[r]=l(f,d,n,a,s,c,h,o),i[r+1]=p(f,d,n,a,s,c,h,o)}},a.prototype._update=function(e,t){this._prepareBlock(e,t);var
i=this.W,r=this.h[0],f=this.h[1],d=this.h[2],n=this.h[3],a=this.h[4],s=this.h[5],c=this.h[6],h=this.h[7],o=this.h[8],u=t
his.h[9],b=this.h[10],l=this.h[11],p=this.h[12],m=this.h[13],v=this.h[14],g=this.h[15];P(this.k.length===i.length);for
(var y=0;y<i.length;y+=2)var M=v,w=g,S=function(e,t){var
i=j(e,t,14),r=j(e,t,18),e=j(t,e,9),e=i^r^e;e<0&&(e+=4294967296);return e}(o,u),_=function(e,t){var
i=N(e,t,14),r=N(e,t,18),e=N(t,e,9),e=i^r^e;e<0&&(e+=4294967296);return
e}(o,u),A=function(e,t,i){i=e&t^~e&i;i<0&&(i+=4294967296);return
i}(o,b,p),x=function(e,t,i){i=e&t^~e&i;i<0&&(i+=4294967296);return
i}(u,l,m),I=this.k[y],z=this.k[y+1],q=i[y],R=i[y+1],k=O(M,w,S,_,A,x,I,z,q,R),q=F(M,w,S,_,A,x,I,z,q,R),M=functio
n(e,t){var i=j(e,t,28),r=j(t,e,2),e=j(t,e,7),e=i^r^e;e<0&&(e+=4294967296);return e}(r,f),w=function(e,t){var
i=N(e,t,28),r=N(t,e,2),e=N(t,e,7),e=i^r^e;e<0&&(e+=4294967296);return
e}(r,f),S=function(e,t,i){i=e&t^e&i^t&i;i<0&&(i+=4294967296);return
i}(r,d,a),_=function(e,t,i){i=e&t^e&i^t&i;i<0&&(i+=4294967296);return
i}(f,n,s),R=B(M,w,S,_)_=L(M,w,S,_)v=p,g=m,p=b,m=l,b=o,l=u,o=B(c,h,k,q),u=L(h,h,k,q),c=a,h=s,a=d,s=n,d=r,n
=f,r=B(k,q,R,_)f=L(k,q,R,_)E(this.h,0,r,f),E(this.h,2,d,n),E(this.h,4,a,s),E(this.h,6,c,h),E(this.h,8,o,u),E(this.h,10,b
,l),E(this.h,12,p,m),E(this.h,14,v,g)},a.prototype._digest=function(e){return"hex"===e?r.toHex32(this.h,"big"):r.split
32(this.h,"big")},{"/.utils":20,"./utils":30,"minimalistic-assert":33}],29:[function(e,t,i){"use strict";var
r=e("./utils").rotr32;function f(e,t,i){return e&t^~e&i}function d(e,t,i){return e&t^e&i^t&i}function n(e,t,i){return
e^t^i}i.ft_1=function(e,t,i,r){return 0===e?f(t,i,r):1===e||3===e?t^i^r:2===e?d(t,i,r):void
0},i.ch32=f,i.maj32=d,i.p32=n,i.s0_256=function(e){return r(e,2)^r(e,13)^r(e,22)},i.s1_256=function(e){return
r(e,6)^r(e,11)^r(e,25)},i.g0_256=function(e){return r(e,7)^r(e,18)^e>>>3},i.g1_256=function(e){return
r(e,17)^r(e,19)^e>>>10},{"/.utils":30}],30:[function(e,t,i){"use strict";var s=e("minimalistic-
assert"),e=e("inherits");function d(e){return(e>>>24|e>>>8&65280|e<<<8&16711680|(255&e)<<<24)>>>0}function
r(e){return 1===e.length?"0"+e:e}function n(e){return
7===e.length?"0"+e:6===e.length?"00"+e:5===e.length?"000"+e:4===e.length?"0000"+e:3===e.length?"00000"+
e:2===e.length?"000000"+e:1===e.length?"0000000"+e:e}i.inherits=e,i.toArray=function(e,t){if(Array.isArray(e))r
eturn e.slice();if(!e)return[];var i,r,f=[];if("string"===typeof e)if(t){if("hex"===t)for((e=e.replace(/^\^a-z0-
9]+/gi,"")).length%2!=0&&(e="0"+e),n=0;n<e.length;n+=2)f.push(parseInt(e[n]+e[n+1],16))}else for(var
d=0,n=0;n<e.length;n++){var
a=e.charCodeAtAt(n);a<128?f[d++]=a:a<2048?(f[d++]|=a>>6|192,f[d++]|=63&a|128):(r=n,55296!=(64512&(i=e).char
CodeAtAt(r))|r<0|r+1>=i.length||56320!=(64512&i.charCodeAtAt(r+1))?f[d++]|=a>>12|224:(a=65536+((1023&a)<<10)
+(1023&e.charCodeAtAt(++n)),f[d++]|=a>>18|240,f[d++]|=a>>12&63|128),f[d++]|=a>>6&63|128,f[d++]|=63&a|128)}
else for(n=0;n<e.length;n++)f[n]=0|e[n];return f},i.toHex=function(e){for(var
t="",i=0;i<e.length;i++)t+=r(e[i].toString(16));return t},i.htonl=d,i.toHex32=function(e,t){for(var
i="",r=0;r<e.length;r++){var f=e[r];i+=n((f="little"===t?f:d(f):f).toString(16))}return
i},i.zero2=r,i.zero8=n,i.join32=function(e,t,i,r){s((i-t)%4===0);for(var f=new
Array(i/4),d=0,n=t;d<f.length;d++,n+=4){var
a="big"===r?e[n]<<24|e[n+1]<<16|e[n+2]<<8|e[n+3]:e[n+3]<<24|e[n+2]<<16|e[n+1]<<8|e[n];f[d]=a>>>0}return
f},i.split32=function(e,t){for(var i=new Array(4*e.length),r=0,f=0;r<e.length;r++,f+=4){var
d=e[r];"big"===t?(i[f]=d>>>24,i[f+1]=d>>>16&255,i[f+2]=d>>>8&255,i[f+3]=255&d):(i[f+3]=d>>>24,i[f+2]=d
>>>16&255,i[f+1]=d>>>8&255,i[f]=255&d)}return i},i.rotr32=function(e,t){return e>>>t|e<<<32-
```

```

t,i.rotl32=function(e,t){return e<<t|e>>>32-t},i.sum32=function(e,t){return
e+t>>>0},i.sum32_3=function(e,t,i){return e+t+i>>>0},i.sum32_4=function(e,t,i,r){return
e+t+i+r>>>0},i.sum32_5=function(e,t,i,r,f){return e+t+i+r+f>>>0},i.sum64=function(e,t,i,r){var
f=e[t],d=r+e[t+1]>>>0,f=(d<r?1:0)+i+f;e[t]=f>>>0,e[t+1]=d},i.sum64_hi=function(e,t,i,r){return(t+r>>>0<t?1:0)+e
+i>>>0},i.sum64_lo=function(e,t,i,r){return t+r>>>0},i.sum64_4_hi=function(e,t,i,r,f,d,n,a){var s=0,c=t;return
s+=(c+c+r>>>0)<t?1:0,s+=(c+c+d>>>0)<d?1:0,e+i+f+n+(s+=(c+c+a>>>0)<a?1:0)>>>0},i.sum64_4_lo=function(e
,t,i,r,f,d,n,a){return t+r+d+a>>>0},i.sum64_5_hi=function(e,t,i,r,f,d,n,a,s,c){var h=0,o=t;return
h+=(o+o+r>>>0)<t?1:0,h+=(o+o+d>>>0)<d?1:0,h+=(o+o+a>>>0)<a?1:0,e+i+f+n+s+(h+=(o+o+c>>>0)<c?1:0)>>
>0},i.sum64_5_lo=function(e,t,i,r,f,d,n,a,s,c){return t+r+d+a+c>>>0},i.rotr64_hi=function(e,t,i){return(t<<32-
i|e>>>i)>>>0},i.rotr64_lo=function(e,t,i){return(e<<32-i|t>>>i)>>>0},i.shr64_hi=function(e,t,i){return
e>>>i},i.shr64_lo=function(e,t,i){return(e<<32-i|t>>>i)>>>0}},{inherits:32,"minimalistic-
assert":33}],31:[function(e,t,i){"use strict";var r=e("hash.js"),d=e("minimalistic-crypto-utils"),f=e("minimalistic-
assert");function n(e){if(!(this instanceof n))return new
n(e);this.hash=e.hash,this.predResist=!e.predResist,this.outLen=this.hash.outSize,this.minEntropy=e.minEntropy||t
his.hash.hmacStrength,this._reseed=null,this.reseedInterval=null,this.K=null,this.V=null;var
t=d.toArray(e.entropy,e.entropyEnc||"hex"),i=d.toArray(e.nonce,e.nonceEnc||"hex"),e=d.toArray(e.pers,e.persEnc||"
hex");f(t.length>=this.minEntropy/8,"Not enough entropy. Minimum is: "+this.minEntropy+"
bits"),this._init(t,i,e)(t.exports=n).prototype._init=function(e,t,i){i=e.concat(t).concat(i);this.K=new
Array(this.outLen/8),this.V=new Array(this.outLen/8);for(var
r=0;r<this.V.length;r++)this.K[r]=0,this.V[r]=1;this._update(i),this._reseed=1,this.reseedInterval=28147497671065
6},n.prototype._hmac=function(){return new r.hmac(this.hash,this.K)},n.prototype._update=function(e){var
t=this._hmac().update(this.V).update([0]);e&&(t=t.update(e)),this.K=t.digest(),this.V=this._hmac().update(this.V).d
igest(),e&&(this.K=this._hmac().update(this.V).update([1]).update(e).digest(),this.V=this._hmac().update(this.V).di
gest()),n.prototype.reseed=function(e,t,i,r){"string"!==typeof
t&&(r=i,i=t,t=null),e=d.toArray(e,t),i=d.toArray(i,r),f(e.length>=this.minEntropy/8,"Not enough entropy. Minimum
is: "+this.minEntropy+"
bits"),this._update(e.concat(i||[])),this._reseed=1},n.prototype.generate=function(e,t,i,r){if(this._reseed>this.reseedIn
terval)throw new Error("Reseed is required");"string"!==typeof
t&&(r=i,i=t,t=null),i&&(i=d.toArray(i,r||"hex")),this._update(i);for(var
f=[];f.length<e;)this.V=this._hmac().update(this.V).digest(),f=f.concat(this.V);r=f.slice(0,e);return
this._update(i),this._reseed++,d.encode(r,t)},{"hash.js":19,"minimalistic-assert":33,"minimalistic-crypto-
utils":34}],32:[function(e,t,i){"function"===typeof
Object.create?t.exports=function(e,t){t&&(e.super_=t,e.prototype=Object.create(t.prototype,{constructor:{value:e,e
numerable:!1,writable:!0,configurable:!0}})):t.exports=function(e,t){var
i;t&&(e.super_=t,(i=function(){}).prototype=t.prototype,e.prototype=new
i,e.prototype.constructor=e)},{}},33:[function(e,t,i){function r(e,t){if(!e)throw new Error(t||"Assertion
failed")}(t.exports=r).equal=function(e,t,i){if(e!==t)throw new Error(i||"Assertion failed: "+e+" !=
"+t)},{}},34:[function(e,t,i){"use strict";function r(e){return 1===e.length?"0"+e:e}function f(e){for(var
t="",i=0;i<e.length;i++)t+=r(e[i].toString(16));return t}i.toArray=function(e,t){if(Array.isArray(e))return
e.slice();if(!e)return[];var i=[];if("string"!==typeof e){for(var r=0;r<e.length;r++)i[r]=0|e[r];return
i}if("hex"===t){(e=e.replace(/^[a-z0-
9]+/gi,"")).length%2!=0&&(e="0"+e);for(r=0;r<e.length;r+=2)i.push(parseInt(e[r]+e[r+1],16))}else
for(r=0;r<e.length;r++){var f=e.charCodeAt(r),d=f>>8,f=255&f;d?i.push(d):i.push(f)}return
i},i.zero2=r,i.toHexString=f,i.encode=function(e,t){return"hex"===t?f(e):e}},{}},35:[function(e,t,i){t.exports={name:"elli
ptic",version:"6.5.4",description:"EC cryptography",main:"lib/elliptic.js",files:["lib"],scripts:{lint:"eslint lib
test","lint:fix":"npm run lint -- --fix",unit:"istanbul test _mocha --reporter=spec test/index.js",test:"npm run lint &&
npm run unit",version:"grunt dist && git add
dist/"},"repository":{"type:"git",url:"git@github.com:indutny/elliptic"},"keywords":["EC","Elliptic","curve","Cryptograp

```

```
hy"],author:"Fedor Indutny
<fedor@indutny.com>",license:"MIT",bugs:{url:"https://github.com/indutny/elliptic/issues"},homepage:"https://git
hub.com/indutny/elliptic",devDependencies:{brfs:"^2.0.2",coveralls:"^3.1.0",eslint:"^7.6.0",grunt:"^1.2.1",grunt-
browserify:"^5.3.0",grunt-cli:"^1.3.2",grunt-contrib-connect:"^3.0.0",grunt-contrib-copy:"^1.0.0",grunt-
contrib-uglify:"^5.0.0",grunt-mocha-istanbul:"^5.0.2",grunt-
saucelabs:"^9.0.1",istanbul:"^0.4.5",mocha:"^8.0.1"},dependencies:{"bn.js":"^4.11.9",brorand:"^1.1.0",hash.js:"
^1.0.0",hmac-drbg:"^1.0.1",inherits:"^2.0.4",minimalistic-assert:"^1.0.1",minimalistic-crypto-
utils:"^1.0.1"}},{}},{},[1])(1));
```

Found in path(s):

```
* /opt/cola/permits/1142867241_1615482365.9/0/indutny-elliptic-v6-5-4-0-g43ac7f2-1-tar-gz/indutny-elliptic-
956793a/dist/elliptic.min.js
```

No license file was found, but licenses were detected in source scan.

```
// Apache License 2.0
```

Found in path(s):

```
* /opt/cola/permits/1142867241_1615482365.9/0/indutny-elliptic-v6-5-4-0-g43ac7f2-1-tar-gz/indutny-elliptic-
956793a/dist/elliptic.js
```

No license file was found, but licenses were detected in source scan.

```
/*
```

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```
*/
```

Found in path(s):

```
* /opt/cola/permits/1142867241_1615482365.9/0/indutny-elliptic-v6-5-4-0-g43ac7f2-1-tar-gz/indutny-elliptic-
956793a/benchmarks/deps/secp256k1.js
```

No license file was found, but licenses were detected in source scan.

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Found in path(s):

* /opt/cola/permits/1142867241_1615482365.9/0/indutny-elliptic-v6-5-4-0-g43ac7f2-1-tar-gz/indutny-elliptic-956793a/README.md

No license file was found, but licenses were detected in source scan.

/*

* Curve 25519-based cryptography collection.

*

* EC Diffie-Hellman (ECDH) based on Curve25519 and digital signatures (EdDSA)

* based on Ed25519.

*

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*/

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* @license almond 0.2.9 Copyright (c) 2011-2014, The Dojo Foundation All Rights Reserved.

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* see: <http://github.com/jrburke/almond> for details

*/

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Found in path(s):

* /opt/cola/permits/1142867241_1615482365.9/0/indutny-elliptic-v6-5-4-0-g43ac7f2-1-tar-gz/indutny-elliptic-956793a/benchmarks/deps/jodid.js

1.203 zone 0.10.3

1.203.1 Available under license :

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*/

1.204 jsonassert 1.5.0

1.205 tslib 1.14.1

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1.206 websocket-server 9.4.29.v20200521

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javafx.mail.glassfish

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

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* java.sun.security.ssl

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<http://openjdk.java.net/legal/gplv2+ce.html>

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org.ow2.asm:asm-commons

org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.207 jsr305 3.0.2

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Found in path(s):

- * /opt/cola/permits/1006669954_1651085002.51/0/jsr305-3-0-2-sources-jar/javax/annotation/concurrent/Immutable.java
- * /opt/cola/permits/1006669954_1651085002.51/0/jsr305-3-0-2-sources-jar/javax/annotation/concurrent/ThreadSafe.java
- * /opt/cola/permits/1006669954_1651085002.51/0/jsr305-3-0-2-sources-jar/javax/annotation/concurrent/GuardedBy.java
- * /opt/cola/permits/1006669954_1651085002.51/0/jsr305-3-0-2-sources-jar/javax/annotation/concurrent/NotThreadSafe.java

1.208 openjdk 11.0.9.1+1-1~deb10u2

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version 1.2.5, July 18th, 2005

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Description: Makes the generated copyright headers reproducible

Author: Emmanuel Bourg <ebourg@apache.org>

Forwarded: no

```

--- a/make/jdk/src/classes/build/tools/cldrconverter/CopyrightHeaders.java
+++ b/make/jdk/src/classes/build/tools/cldrconverter/CopyrightHeaders.java
@@ -26,6 +26,7 @@
package build.tools.cldrconverter;

```

```

import java.util.Calendar;
+import java.util.Date;
import java.util.GregorianCalendar;
import java.util.Locale;
import java.util.TimeZone;
@@ -150,8 +151,14 @@
    }

    private static int getYear() {
-        return new GregorianCalendar(TimeZone.getTimeZone("America/Los_Angeles"),
-                                     Locale.US).get(Calendar.YEAR);
+        Date date = new Date();
+        if (System.getenv("SOURCE_DATE_EPOCH") != null) {
+            date = new Date(1000 * Long.valueOf(System.getenv("SOURCE_DATE_EPOCH")));
+        }
+        GregorianCalendar calendar = new GregorianCalendar(TimeZone.getTimeZone("UTC"), Locale.ENGLISH);
+        calendar.setTime(date);
+        return calendar.get(Calendar.YEAR);
    }

    // no instantiation
--- a/make/jdk/src/classes/build/tools/generatelsrequivmaps/EquivMapsGenerator.java
+++ b/make/jdk/src/classes/build/tools/generatelsrequivmaps/EquivMapsGenerator.java
@@ -33,9 +33,13 @@
import java.time.ZoneId;

```

```

import java.time.ZonedDateTime;
import java.util.ArrayList;
+import java.util.Calendar;
+import java.util.Date;
+import java.util.GregorianCalendar;
import java.util.List;
import java.util.Locale;
import java.util.Map;
+import java.util.TimeZone;
import java.util.TreeMap;

/**
@@ -225,8 +229,15 @@
+ "}";

private static String getOpenJDKCopyright() {
- int year = ZonedDateTime.now(ZoneId
-     .of("America/Los_Angeles")).getYear();
+ Date date = new Date();
+ if (System.getenv("SOURCE_DATE_EPOCH") != null) {
+     date = new Date(1000 * Long.valueOf(System.getenv("SOURCE_DATE_EPOCH")));
+ }
+
+ GregorianCalendar calendar = new GregorianCalendar(TimeZone.getTimeZone("UTC"), Locale.ENGLISH);
+ calendar.setTime(date);
+
+ int year = calendar.get(Calendar.YEAR);
return String.format(Locale.US, COPYRIGHT, year);
}

```

1.209 commons-http-client 3.1

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1.210 reflectasm 1.11.3

1.211 archaius-core 0.7.6

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- * /opt/cola/permits/1135953085_1613641336.59/0/commons-logging-1-1-sources-10-jar/org/apache/commons/logging/impl/Jdk14Logger.java
- * /opt/cola/permits/1135953085_1613641336.59/0/commons-logging-1-1-sources-10-jar/org/apache/commons/logging/impl/LogKitLogger.java
- * /opt/cola/permits/1135953085_1613641336.59/0/commons-logging-1-1-sources-10-jar/org/apache/commons/logging/impl/SimpleLog.java

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1.213 spring-web 5.2.7.RELEASE

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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/jaxws/AbstractJaxWsServiceExporter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/WebRequest.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/json/AbstractJsonHttpMessageConverter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/server/i18n/FixedLocaleContextResolver.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/annotation/RequestPart.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/accept/AbstractMappingContentNegotiationStrategy.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/NestedServletException.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/multipart/commons/CommonsMultipartResolver.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/filter/ForwardedHeaderFilter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/annotation/RequestParam.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/server/DefaultServerWebExchangeBuilder.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/pattern/SeparatorPathElement.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/ContextLoader.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/async/StandardServletAsyncWebRequest.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/SpringServletContainerInitializer.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/ServletConfigAware.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/HtmlCharacterEntityReferences.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/client/ExtractingResponseErrorHandler.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/reactive/AbstractClientHttpRequest.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/async/CallableInterceptorChain.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/support/AbstractRefreshableWebApplicationContext.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/xml/AbstractXmlHttpMessageConverter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/support/WebApplicationContextUtils.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/support/BasicAuthorizationInterceptor.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/InvalidMediaTypeException.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/protobuf/ExtensionRegistryInitializer.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/annotation/ExceptionHandler.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/server/UnsupportedMediaTypeStatusException.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/codec/protobuf/ProtobufHttpMessageWriter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/multipart/support/AbstractMultipartHttpServletRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/caucho/HessianExporter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/WebApplicationInitializer.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/JavaScriptUtils.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/support/AsyncHttpAccessor.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/json/MappingJacksonValue.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/server/adapters/AbstractReactiveWebInitializer.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/MissingRequestHeaderException.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/async/WebAsyncUtils.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/support/CompositeUriComponentsContributor.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/filter/FormContentFilter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/MissingMatrixVariableException.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/reactive/JettyHeadersAdapter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/reactive/ClientHttpResponseDecorator.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/client/ResponseErrorHandler.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/reactive/AbstractListenerServerHttpResponse.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/annotation/RequestHeader.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/reactive/ServletHttpHandlerAdapter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/pattern/WildcardPathElement.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/reactive/ClientHttpRequestDecorator.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/HttpRequestMethodNotSupportedException.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/httpinvoker/SimpleHttpInvokerServiceExporter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/ServletRequestParamPropertyValues.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/annotation/MatrixVariable.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/async/WebAsyncTask.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/HttpComponentsClientHttpRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/pattern/CaptureVariablePathElement.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/ContentCachingRequestWrapper.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/HttpEntity.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/jsf/el/WebApplicationContextFacesELResolver.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/caucho/SimpleHessianServiceExporter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/accept/ParameterContentNegotiationStrategy.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/UriTemplateHandler.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/support/StandardServletEnvironment.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/support/ServletContextResource.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/AbstractGenericHttpMessageConverter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/reactive/ContextPathCompositeHandler.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/DefaultRequestPath.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/codec/multipart/FilePart.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/SimpleBufferingClientHttpRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/annotation/ModelAttributeMethodProcessor.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/client/support/RestGatewaySupport.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/pattern/PathElement.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/annotation/ResponseBody.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/filter/HttpPutFormContentFilter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/reactive/ServerHttpResponseDecorator.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/multipart/support/StandardServletMultipartResolver.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/cors/CorsProcessor.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/OpaqueUriComponents.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/HttpRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/HttpSessionRequiredException.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/codec/CodecConfigurerFactory.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/accept/ContentNegotiationStrategy.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/ObjectToStringHttpMessageConverter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/filter/CharacterEncodingFilter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/HandlerTypePredicate.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/MissingPathVariableException.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/ServletContextAware.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/support/GroovyWebApplicationContext.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/reactive/NettyHeadersAdapter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/reactive/JettyResourceFactory.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/WebDataBinder.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/annotation/PathVariable.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/codec/json/Jackson2SmileDecoder.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/InterceptingClientHttpRequestFactory.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/jaxws/LocalJaxWsServiceFactory.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/jaxws/SimpleHttpServerJaxWsServiceExporter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/InterceptingAsyncClientHttpRequest.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/reactive/TomcatHeadersAdapter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/jsf/DelegatingNavigationHandlerProxy.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/server/ServerErrorException.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/AbstractRequestAttributes.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/reactive/HttpHandler.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/ZeroCopyHttpOutputMessage.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/reactive/SslInfo.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/TagUtils.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/UnsatisfiedServletRequestParameterException.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/HttpComponentsClientHttpResponse.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/client/ResponseExtractor.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/support/AllEncompassingFormHttpMessageConverter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/AbstractContextLoaderInitializer.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/support/ModelAndViewContainer.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/HttpLogging.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/ClientHttpRequestInterceptor.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/server/session/HeaderWebSessionIdResolver.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/HttpComponentsAsyncClientHttpRequestFactory.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/SimpleBufferingAsyncClientHttpRequest.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/reactive/UndertowHeadersAdapter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/support/XmlWebApplicationContext.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/httpinvoker/SimpleHttpInvokerRequestExecutor.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/codec/LoggingCodecSupport.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/async/DeferredResultInterceptorChain.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/accept/HeaderContentNegotiationStrategy.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/annotation/RequestParamMapMethodArgumentResolver.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/json/JsonBHttpMessageConverter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/filter/HiddenHttpMethodFilter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/SimpleStreamingClientHttpRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/server/WebSession.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/codec/HttpMessageReader.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/pattern/SingleCharWildcardedPathElement.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/ServletServerHttpResponse.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/filter/GenericFilterBean.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/client/AsyncRestTemplate.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/json/GsonHttpMessageConverter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/server/session/CookieWebSessionIdResolver.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/BufferingClientHttpRequestFactory.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/DefaultUriTemplateHandler.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/support/ServletRequestHandledEvent.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/reactive/ReactorClientHttpConnector.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/reactive/ClientHttpConnector.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/annotation/ErrorsMethodArgumentResolver.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/caucho/HessianServiceExporter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/ServletWebRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/support/WebExchangeBindException.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/json/Jackson2ObjectMapperFactoryBean.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/filter/RelativeRedirectResponseWrapper.java
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/reactive/JettyClientHttpRequest.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/json/MappingJackson2HttpMessageConverter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/Netty4ClientHttpRequestFactory.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/server/handler/FilteringWebHandler.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/codec/HttpMessageEncoder.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/annotation/SessionAttributesHandler.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/annotation/AbstractCookieValueMethodArgumentResolver.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/reactive/UndertowHttpHandlerAdapter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/reactive/JettyHttpHandlerAdapter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/HttpOutputMessage.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/SimpleStreamingAsyncClientHttpRequest.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/support/ConfigurableWebBindingInitializer.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/multipart/MultipartFile.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/Netty4ClientHttpRequest.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/HttpMessageConverter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/multipart/MultipartFileResource.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/multipart/commons/CommonsFileUploadSupport.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/pattern/LiteralPathElement.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/HttpMethod.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/codec/json/Jackson2JsonEncoder.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/InterceptingAsyncClientHttpRequestFactory.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/annotation/InitBinderDataBinderFactory.java

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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/xml/Jaxb2CollectionHttpMessageConverter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/CookieGenerator.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/ServletServerHttpRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/codec/ServerSentEvent.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/codec/protobuf/ProtobufCodecSupport.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/support/WebRequestDataBinder.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/support/HandlerMethodReturnValueHandlerComposite.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/multipart/support/StandardMultipartHttpServletRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/support/ServletContextAttributeExporter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/StreamingHttpOutputMessage.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/annotation/ExceptionHandlerMethodResolver.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/MissingRequestCookieException.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/annotation/RequestHeaderMethodArgumentResolver.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/httpinvoker/HttpComponentsHttpInvokerRequestExecutor.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/client/RequestCallback.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/multipart/support/MultipartFilter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/util/pattern/CaptureTheRestPathElement.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/HttpMessageNotReadableException.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/reactive/ClientHttpRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/multipart/support/DefaultMultipartHttpServletRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/ContextLoaderListener.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/GenericHttpMessageConverter.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/annotation/RequestBody.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/annotation/ExpressionValueMethodArgumentResolver.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/jaxws/SimpleJaxWsServiceExporter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/FacesRequestAttributes.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/reactive/ReactorHttpHandlerAdapter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/ResourceRegionHttpMessageConverter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/HttpInputMessage.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/codec/HttpMessageDecoder.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/xml/MarshallingHttpMessageConverter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/annotation/AbstractNamedValueMethodArgumentResolver.java

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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/AbstractHttpMessageConverter.java

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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/accept/MappingMediaTypeFileExtensionResolver.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-

jar/org/springframework/http/MediaType.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/codec/json/AbstractJackson2Encoder.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/client/reactive/ReactorClientHttpResponse.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/ContentDisposition.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/RequestEntity.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/HttpHeaders.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/server/reactive/ServerHttpRequestDecorator.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/server/reactive/AbstractListenerWriteProcessor.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/codec/support/BaseDefaultCodecs.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/client/ClientHttpResponse.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/codec/multipart/MultipartHttpMessageReader.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/ResponseEntity.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/request/async/WebAsyncManager.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/server/i18n/AcceptHeaderLocaleContextResolver.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/server/MethodNotAllowedException.java
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/DestructionCallbackBindingListener.java
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/AbstractBufferingAsyncClientHttpRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/caucho/HessianClientInterceptor.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/method/support/UriComponentsContributor.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/multipart/support/StringMultipartFileEditor.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/ServletRequestDataBinder.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/httpinvoker/HttpInvokerClientInterceptor.java

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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/support/HttpRequestHandlerServlet.java

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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/async/AsyncWebRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/multipart/support/RequestPartServletServerHttpRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/jaxws/LocalJaxWsServiceFactoryBean.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/multipart/MultipartException.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/server/i18n/LocaleContextResolver.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/server/ServerWebInputException.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/support/WebApplicationObjectSupport.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/OkHttp3ClientHttpResponse.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/remoting/caucho/HessianProxyFactoryBean.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/client/AsyncRequestCallback.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/server/ServletServerHttpAsyncRequestControl.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/AbstractRequestAttributesScope.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/support/ProxyFactoryBean.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/HttpComponentsAsyncClientHttpRequest.java

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/support/WebExchangeDataBinder.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/async/CallableProcessingInterceptorAdapter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/AsyncClientHttpRequestInterceptor.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/support/DefaultDataBinderFactory.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/feed/RssChannelHttpMessageConverter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/AsyncClientHttpRequestFactory.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/client/support/InterceptingAsyncHttpAccessor.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/support/ServletContextParameterFactoryBean.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/async/DeferredResultProcessingInterceptor.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/jsf/el/SpringBeanFacesELResolver.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/request/async/DeferredResultProcessingInterceptorAdapter.java
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*/
/**
```

```
* Return the web session for the current request. Always guaranteed to
* return an instance either matching to the session id requested by the
* client, or with a new session id either because the client did not
* specify one or because the underlying session had expired. Use of this
* method does not automatically create a session. See {@link WebSession}
* for more details.
*/
```

Found in path(s):

```
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jar/org/springframework/web/server/ServerWebExchange.java
```

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jar/org/springframework/web/context/support/GenericWebApplicationContext.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/server/handler/DefaultWebFilterChain.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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jar/org/springframework/web/server/adapters/DefaultServerWebExchange.java
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/codec/support/ServerDefaultCodecsImpl.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/annotation/RequestMapping.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/server/reactive/ChannelSendOperator.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/ContextCleanupListener.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/HttpStatus.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/filter/OncePerRequestFilter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/method/support/HandlerMethodArgumentResolverComposite.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/converter/feed/AbstractWireFeedHttpMessageConverter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/multipart/support/MultipartResolutionDelegate.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/client/MessageBodyClientHttpResponseWrapper.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/util/UriUtils.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/support/AnnotationConfigWebApplicationContext.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/converter/xml/AbstractJaxb2HttpMessageConverter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/util/pattern/PathPatternRouteMatcher.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/util/WebUtils.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/client/MultipartBodyBuilder.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/codec/HttpMessageWriter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/converter/xml/Jaxb2RootElementHttpMessageConverter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/server/session/InMemoryWebSessionStore.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-

jar/org/springframework/http/codec/cbor/Jackson2CborDecoder.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/client/InterceptingClientHttpRequest.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/util/pattern/InternalPathPatternParser.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/filter/reactive/ServerWebExchangeContextFilter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/codec/support/DefaultServerCodecConfigurer.java
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Found in path(s):
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/server/ServerHttpResponse.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/HttpMediaTypeException.java
No license file was found, but licenses were detected in source scan.

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Found in path(s):

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/context/support/ServletContextResourceLoader.java

No license file was found, but licenses were detected in source scan.

```
# This file maps Internet media types to unique file extension(s).
# Although created for httpd, this file is used by many software systems
# and has been placed in the public domain for unlimited redistribution.
#
# The table below contains both registered and (common) unregistered types.
# A type that has no unique extension can be ignored -- they are listed
# here to guide configurations toward known types and to make it easier to
# identify "new" types. File extensions are also commonly used to indicate
# content languages and encodings, so choose them carefully.
#
# Internet media types should be registered as described in RFC 4288.
# The registry is at <https://www.iana.org/assignments/media-types/>.
#
# This file was retrieved from
https://svn.apache.org/viewvc/httpd/httpd/trunk/docs/conf/mime.types?revision=1752884&view=co
#
# MIME type (lowercased) Extensions
# =====
# application/1d-interleaved-parityfec
# application/3gpdash-qoe-report+xml
# application/3gpp-ims+xml
# application/a2l
# application/activemessage
# application/alto-costmap+json
# application/alto-costmapfilter+json
# application/alto-directory+json
# application/alto-endpointcost+json
# application/alto-endpointcostparams+json
# application/alto-endpointprop+json
# application/alto-endpointpropparams+json
# application/alto-error+json
# application/alto-networkmap+json
# application/alto-networkmapfilter+json
# application/aml
application/andrew-inset ez
# application/applefile
application/applixware aw
# application/atf
# application/atfx
application/atom+xml atom
application/atomcat+xml atomcat
```

application/atomdeleted+xml
application/atomicmail
application/atomsvc+xml atomsvc
application/atxml
application/auth-policy+xml
application/bacnet-xdd+zip
application/batch-smtp
application/beep+xml
application/calendar+json
application/calendar+xml
application/call-completion
application/cals-1840
application/cbor
application/ccmp+xml
application/ccxml+xml ccxml
application/cdfx+xml
application/cdmi-capability cdmia
application/cdmi-container cdmic
application/cdmi-domain cdmid
application/cdmi-object cdmio
application/cdmi-queue cdmiq
application/cdni
application/cea
application/cea-2018+xml
application/cellml+xml
application/cfw
application/cms
application/cnrp+xml
application/coap-group+json
application/commonground
application/conference-info+xml
application/cpl+xml
application/csrattrs
application/csta+xml
application/cstadata+xml
application/csvm+json
application/cu-seeme cu
application/cybercash
application/dash+xml
application/dashdelta
application/davmount+xml davmount
application/dca-rft
application/dcd
application/dec-dx
application/dialog-info+xml
application/dicom
application/dii
application/dit

application/dns
application/docbook+xml dbk
application/dskpp+xml
application/dssc+der dssc
application/dssc+xml xdssc
application/dvcs
application/ecmascript ecma
application/edi-consent
application/edi-x12
application/edifact
application/efi
application/emergencycalldata.comment+xml
application/emergencycalldata.deviceinfo+xml
application/emergencycalldata.providerinfo+xml
application/emergencycalldata.serviceinfo+xml
application/emergencycalldata.subscriberinfo+xml
application/emma+xml emma
application/emotionml+xml
application/encaprtsp
application/epp+xml
application/epub+zip epub
application/eshop
application/example
application/exi exi
application/fastinfoset
application/fastsoap
application/fdt+xml
application/fits
application/font-sfnt
application/font-tdpfr pfr
application/font-woff woff
application/framework-attributes+xml
application/geo+json
application/gml+xml gml
application/gpx+xml gpx
application/gxf gxf
application/gzip
application/h224
application/held+xml
application/http
application/hyperstudio stk
application/ibe-key-request+xml
application/ibe-pkg-reply+xml
application/ibe-pp-data
application/iges
application/im-iscomposing+xml
application/index
application/index.cmd

application/index.obj
application/index.response
application/index.vnd
application/inkml+xml ink inkml
application/iotp
application/ipfix ipfix
application/ipp
application/isup
application/its+xml
application/java-archive jar
application/java-serialized-object ser
application/java-vm class
application/javascript js
application/jose
application/jose+json
application/jrd+json
application/json json
application/json-patch+json
application/json-seq
application/jsonml+json jsonml
application/jwk+json
application/jwk-set+json
application/jwt
application/kpml-request+xml
application/kpml-response+xml
application/ld+json
application/lgr+xml
application/link-format
application/load-control+xml
application/lost+xml lostxml
application/lostsync+xml
application/lxf
application/mac-binhex40 hqx
application/mac-compactpro cpt
application/macwriteii
application/mads+xml mads
application/marc mrc
application/marcxml+xml mrcx
application/mathematica ma nb mb
application/mathml+xml mathml
application/mathml-content+xml
application/mathml-presentation+xml
application/mbms-associated-procedure-description+xml
application/mbms-deregister+xml
application/mbms-envelope+xml
application/mbms-msk+xml
application/mbms-msk-response+xml
application/mbms-protection-description+xml

```

# application/mbms-reception-report+xml
# application/mbms-register+xml
# application/mbms-register-response+xml
# application/mbms-schedule+xml
# application/mbms-user-service-description+xml
application/mbox mbox
# application/media-policy-dataset+xml
# application/media_control+xml
application/mediaservercontrol+xml mscml
# application/merge-patch+json
application/metalink+xml metalink
application/metalink4+xml meta4
application/mets+xml mets
# application/mf4
# application/mikey
application/mods+xml mods
# application/moss-keys
# application/moss-signature
# application/mosskey-data
# application/mosskey-request
application/mp21 m21 mp21
application/mp4 mp4s
# application/mpeg4-generic
# application/mpeg4-iod
# application/mpeg4-iod-xmt
# application/mrb-consumer+xml
# application/mrb-publish+xml
# application/msc-ivr+xml
# application/msc-mixer+xml
application/msword doc dot
application/mxf mxf
# application/nasdata
# application/news-checkgroups
# application/news-groupinfo
# application/news-transmission
# application/nlsm1+xml
# application/nss
# application/ocsp-request
# application/ocsp-response
application/octet-stream bin dms lrf mar so dist distz pkg bpk dump elc deploy
application/oda oda
# application/odx
application/obeps-package+xml opf
application/ogg ogx
application/omdoc+xml omdoc
application/onenote onetoc onetoc2 onetmp onepkg
application/oxps oxps
# application/p2p-overlay+xml

```

application/parityfec
application/patch-ops-error+xml xer
application/pdf pdf
application/pdx
application/pgp-encrypted pgp
application/pgp-keys
application/pgp-signature asc sig
application/pics-rules prf
application/pidf+xml
application/pidf-diff+xml
application/pkcs10 p10
application/pkcs12
application/pkcs7-mime p7m p7c
application/pkcs7-signature p7s
application/pkcs8 p8
application/pkix-attr-cert ac
application/pkix-cert cer
application/pkix-crl crl
application/pkix-pkipath pkipath
application/pkixcmp pki
application/pls+xml pls
application/poc-settings+xml
application/postscript ai eps ps
application/ppsp-tracker+json
application/problem+json
application/problem+xml
application/provenance+xml
application/prs.alvestrand.titrax-sheet
application/prs.cww cww
application/prs.hpub+zip
application/prs.nprend
application/prs.plucker
application/prs.rdf-xml-crypt
application/prs.xsf+xml
application/pskc+xml pskcxml
application/qsig
application/raptorfec
application/rdap+json
application/rdf+xml rdf
application/reginfo+xml rif
application/relax-ng-compact-syntax rnc
application/remote-printing
application/reputon+json
application/resource-lists+xml rl
application/resource-lists-diff+xml rld
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application/riscos
application/rlmi+xml

application/rls-services+xml rs
application/rpki-ghostbusters gbr
application/rpki-manifest mft
application/rpki-roa roa
application/rpki-updown
application/rsd+xml rsd
application/rss+xml rss
application/rtf rtf
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application/scaip+xml
application/scim+json
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application/sep+xml
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application/set-registration
application/set-registration-initiation setreg
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application/sgml-open-catalog
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application/simple-filter+xml
application/simple-message-summary
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application/smil
application/smil+xml smi smil
application/smpite336m
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application/srgs+xml grxml
application/sru+xml sru
application/ssdl+xml ssdl

application/ssml+xml ssml
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application/tamp-apex-update-confirm
application/tamp-community-update
application/tamp-community-update-confirm
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application/tamp-update-confirm
application/tei+xml tei teicorpus
application/thraud+xml tfi
application/timestamp-query
application/timestamp-reply
application/timestamped-data tsd
application/ttml+xml
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application/vnd.3gpp.mid-call+xml
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application/vnd.3gpp.pic-bw-small psb
application/vnd.3gpp.pic-bw-var pvb
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application/vnd.3gpp2.bcmcsinfo+xml
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application/vnd.3m.post-it-notes pwn
application/vnd.accpac.simply.aso aso

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application/vnd.acucorp atc acute
application/vnd.adobe.air-application-installer-package+zip air
application/vnd.adobe.flash.movie
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application/vnd.adobe.fxp fxp fxpl
application/vnd.adobe.partial-upload
application/vnd.adobe.xdp+xml xdp
application/vnd.adobe.xfdf xfdf
application/vnd.aether.imp
application/vnd.ah-barcode
application/vnd.ahead.space ahead
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application/vnd.amiga.ami ami
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application/vnd.android.package-archive apk
application/vnd.anki
application/vnd.anser-web-certificate-issue-initiation cii
application/vnd.anser-web-funds-transfer-initiation fti
application/vnd.antix.game-component atx
application/vnd.apache.thrift.binary
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application/vnd.apache.thrift.json
application/vnd.api+json
application/vnd.apple.installer+xml mpkg
application/vnd.apple.mpegurl m3u8
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application/vnd.aristanetworks.swi swi
application/vnd.artsquare
application/vnd.astraea-software.iota iota
application/vnd.audiograph aep
application/vnd.autopackage
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application/vnd.balsamiq.bmpr
application/vnd.bekitzur-stech+json
application/vnd.biopax.rdf+xml
application/vnd.blueice.multipass mpm
application/vnd.bluetooth.ep.oob
application/vnd.bluetooth.le.oob
application/vnd.bmi bmi
application/vnd.businessobjects rep
application/vnd.cab-jscript

application/vnd.canon-cpdl
application/vnd.canon-lips
application/vnd.cendio.thinlinc.clientconf
application/vnd.century-systems.tcp_stream
application/vnd.chemdraw+xml cdxml
application/vnd.chess-pgn
application/vnd.chipnuts.karaoke-mmd mmd
application/vnd.cinderella cdy
application/vnd.cirpack.isdn-ext
application/vnd.citationstyles.style+xml
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application/vnd.cloanto.rp9 rp9
application/vnd.clonk.c4group c4g c4d c4f c4p c4u
application/vnd.cluetrust.cartomobile-config c11amc
application/vnd.cluetrust.cartomobile-config-pkg c11amz
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application/vnd.collection+json
application/vnd.collection.doc+json
application/vnd.collection.next+json
application/vnd.comicbook+zip
application/vnd.commerce-battelle
application/vnd.commonspace csp
application/vnd.contact.cmsg cdbcmsg
application/vnd.coreos.ignition+json
application/vnd.cosmocaller cmc
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application/vnd.crick.clicker.keyboard clkk
application/vnd.crick.clicker.palette clkp
application/vnd.crick.clicker.template clkt
application/vnd.crick.clicker.wordbank clkw
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application/vnd.cups-ppd ppd
application/vnd.cups-raster
application/vnd.cups-raw
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application/vnd.curl.car car
application/vnd.curl.pcurl pcurl
application/vnd.cyan.dean.root+xml
application/vnd.cybank
application/vnd.dart dart
application/vnd.data-vision.rdz rdz
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application/vnd.dece.data uvf uvvf uvd uvvd
application/vnd.dece.ttml+xml uvt uvvt

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application/vnd.document+json
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application/vnd.doremir.scorecloud-binary-document
application/vnd.dpgraph dpg
application/vnd.dreamfactory dfac
application/vnd.drive+json
application/vnd.ds-keypoint kpxx
application/vnd.dtg.local
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application/vnd.dvb.dvbj
application/vnd.dvb.esgcontainer
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application/vnd.dvb.iptv.alfec-base
application/vnd.dvb.iptv.alfec-enhancement
application/vnd.dvb.notif-aggregate-root+xml
application/vnd.dvb.notif-container+xml
application/vnd.dvb.notif-generic+xml
application/vnd.dvb.notif-ia-msglist+xml
application/vnd.dvb.notif-ia-registration-request+xml
application/vnd.dvb.notif-ia-registration-response+xml
application/vnd.dvb.notif-init+xml
application/vnd.dvb.pfr
application/vnd.dvb.service svc
application/vnd.dxr
application/vnd.dynageo geo
application/vnd.dzr
application/vnd.easykaraoke.cdgdownload
application/vnd.ecdis-update
application/vnd.ecowin.chart mag
application/vnd.ecowin.filerequest
application/vnd.ecowin.fileupdate
application/vnd.ecowin.series
application/vnd.ecowin.seriesrequest

application/vnd.ecowin.seriesupdate
application/vnd.emclient.accessrequest+xml
application/vnd.enliven nml
application/vnd.enphase.envoy
application/vnd.eprints.data+xml
application/vnd.epson.esf esf
application/vnd.epson.msf msf
application/vnd.epson.quickanime qam
application/vnd.epson.salt slt
application/vnd.epson.ssf ssf
application/vnd.ericsson.quickcall
application/vnd.eszigno3+xml es3 et3
application/vnd.etsi.aoc+xml
application/vnd.etsi.asic-e+zip
application/vnd.etsi.asic-s+zip
application/vnd.etsi.cug+xml
application/vnd.etsi.iptvcommand+xml
application/vnd.etsi.iptvdiscovery+xml
application/vnd.etsi.iptvprofile+xml
application/vnd.etsi.iptvsad-bc+xml
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application/vnd.etsi.iptvsad-npvr+xml
application/vnd.etsi.iptvservice+xml
application/vnd.etsi.iptvsync+xml
application/vnd.etsi.iptvueprofile+xml
application/vnd.etsi.mcid+xml
application/vnd.etsi.mheg5
application/vnd.etsi.overload-control-policy-dataset+xml
application/vnd.etsi.pstn+xml
application/vnd.etsi.sci+xml
application/vnd.etsi.simservs+xml
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application/vnd.etsi.tsl.der
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application/vnd.ezpix-album ez2
application/vnd.ezpix-package ez3
application/vnd.f-secure.mobile
application/vnd.fastcopy-disk-image
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application/vnd.ffmpeg
application/vnd.filmit.zfc
application/vnd.fints
application/vnd.firemonkeys.cloudcell
application/vnd.flographit gph
application/vnd.fluxtime.clip ftc

application/vnd.font-fontforge-sfd
application/vnd.frameMaker fm frame maker book
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application/vnd.frogans.ltf ltf
application/vnd.fsc.weblaunch fsc
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application/vnd.groove-injector grv
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application/vnd.insors.igm igm
application/vnd.intercon.formnet xpw xpx
application/vnd.intergeo i2g
application/vnd.intertrust.digibox
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application/vnd.isac.fcs fcs
application/vnd.jam jam
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application/vnd.japannet-registration
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application/vnd.joost.joda-archive joda
application/vnd.jsk.isdn-ngn
application/vnd.kahootz ktz ktr
application/vnd.kde.karbon karbon
application/vnd.kde.kchart chrt
application/vnd.kde.kformula kfo
application/vnd.kde.kivio flw
application/vnd.kde.kontour kon
application/vnd.kde.kpresenter kpr kpt
application/vnd.kde.kspread ksp
application/vnd.kde.kword kwd kwt
application/vnd.kenameaapp htke
application/vnd.kidspiration kia
application/vnd.kinar kne knp
application/vnd.koan skp skd skt skm
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application/vnd.liberty-request+xml
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application/vnd.llamagraphics.life-balance.exchange+xml lbe
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application/vnd.lotus-freelance pre
application/vnd.lotus-notes nsf
application/vnd.lotus-organizer org
application/vnd.lotus-screencam scm

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application/vnd.miele+json
application/vnd.mif mif
application/vnd.minisoft-hp3000-save
application/vnd.mitsubishi.misty-guard.trustweb
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application/vnd.mophun.application mpn
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application/vnd.motorola.flexsuite.gotap
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application/vnd.motorola.iprm
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application/vnd.ms-fontobject eot
application/vnd.ms-htmlhelp chm
application/vnd.ms-ims ims
application/vnd.ms-lrm lrm
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application/vnd.ms-package.obfuscated-opentype
application/vnd.ms-pki.seccat cat
application/vnd.ms-pki.stl stl
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application/vnd.ms-printschematicket+xml
application/vnd.ms-project mpp mpt
application/vnd.ms-tnef
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application/vnd.ms-windows.nwprinting.oob
application/vnd.ms-windows.printerpairing
application/vnd.ms-windows.wsd.oob
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application/vnd.ms-wmdrm.lic-resp
application/vnd.ms-wmdrm.meter-chlg-req
application/vnd.ms-wmdrm.meter-resp
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application/vnd.ms-word.template.macroenabled.12 dotm
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application/vnd.ms-wpl wpl
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application/vnd.mseq mseq
application/vnd.msign
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application/vnd.multiad.creator.cif
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application/vnd.musician mus
application/vnd.muvee.style msty
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application/vnd.noblenet-sealer nns
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application/vnd.nokia.n-gage.ac+xml
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application/vnd.ntt-local.sip-ta_tcp_stream
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application/vnd.oma.bcast.drm-trigger+xml
application/vnd.oma.bcast.imd+xml
application/vnd.oma.bcast.ltkm
application/vnd.oma.bcast.notification+xml
application/vnd.oma.bcast.provisioningtrigger
application/vnd.oma.bcast.sgboot
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application/vnd.oma.bcast.sprov+xml
application/vnd.oma.bcast.stkm
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application/vnd.oma.cab-feature-handler+xml
application/vnd.oma.cab-pcc+xml
application/vnd.oma.cab-subscribe+xml
application/vnd.oma.cab-user-prefs+xml
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application/vnd.oma.dcdc
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application/vnd.oma.group-usage-list+xml
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application/vnd.oma.poc.final-report+xml


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# application/vnd.oma.poc.groups+xml
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# application/vnd.oma.scidm.messages+xml
# application/vnd.oma.xcap-directory+xml
# application/vnd.omads-email+xml
# application/vnd.omads-file+xml
# application/vnd.omads-folder+xml
# application/vnd.omaloc-supl-init
# application/vnd.onepager
# application/vnd.openblox.game+xml
# application/vnd.openblox.game-binary
# application/vnd.openeye.oeb
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# application/vnd.openxmlformats-officedocument.customxmlproperties+xml
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# application/vnd.openxmlformats-officedocument.presentationml.notesmaster+xml
# application/vnd.openxmlformats-officedocument.presentationml.noteslide+xml
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# application/vnd.openxmlformats-officedocument.presentationml.presentation.main+xml
# application/vnd.openxmlformats-officedocument.presentationml.presprops+xml
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# application/vnd.openxmlformats-officedocument.spreadsheetml.comments+xml

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application/vnd.openxmlformats-officedocument.wordprocessingml.document docx
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application/vnd.osa.netdeploy
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application/vnd.osgi.bundle
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application/vnd.osgi.subsystem esa

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application/vnd.pagerduty+json
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application/vnd.pawafile paw
application/vnd.pcos
application/vnd.pg.format str
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application/vnd.pmi.widget wg
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application/vnd.previewsystems.box box
application/vnd.proteus.magazine mgz
application/vnd.publishare-delta-tree qps
application/vnd.pvi.ptid1 ptid
application/vnd.pwg-multiplexed
application/vnd.pwg-xhtml-print+xml
application/vnd.qualcomm.brew-app-res
application/vnd.quarantainenet
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application/vnd.rar
application/vnd.realvnc.bed bed
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application/vnd.renlearn.rlprint
application/vnd.rig.cryptonote cryptonote
application/vnd.rim.cod cod
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application/vnd.rn-realmedia-vbr rmvb
application/vnd.route66.link66+xml link66
application/vnd.rs-274x
application/vnd.ruckus.download
application/vnd.s3sms
application/vnd.sailingtracker.track st
application/vnd.sbm.cid
application/vnd.sbm.mid2
application/vnd.scribus
application/vnd.sealed.3df
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application/vnd.sealed.tiff
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application/vnd.sealedmedia.softseal.pdf
application/vnd.seemail see
application/vnd.sema sema
application/vnd.semd semd
application/vnd.semf semf
application/vnd.shana.informed.formdata ifm
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application/vnd.shana.informed.interchange iif
application/vnd.shana.informed.package ipk
application/vnd.simtech-mindmapper twd twds
application/vnd.siren+json
application/vnd.smaf mmf
application/vnd.smart.notebook
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application/vnd.spotfire.dxp dxp
application/vnd.spotfire.sfs sfs
application/vnd.sss-cod

```
# application/vnd.sss-dtf
# application/vnd.sss-ntf
application/vnd.stardivision.calc sdc
application/vnd.stardivision.draw sda
application/vnd.stardivision.impress sdd
application/vnd.stardivision.math smf
application/vnd.stardivision.writer sdw vor
application/vnd.stardivision.writer-global sgl
application/vnd.stepmania.package smzip
application/vnd.stepmania.stepchart sm
# application/vnd.street-stream
# application/vnd.sun.wadl+xml
application/vnd.sun.xml.calc sxc
application/vnd.sun.xml.calc.template stc
application/vnd.sun.xml.draw sxd
application/vnd.sun.xml.draw.template std
application/vnd.sun.xml.impress sxi
application/vnd.sun.xml.impress.template sti
application/vnd.sun.xml.math sxm
application/vnd.sun.xml.writer sxw
application/vnd.sun.xml.writer.global sxg
application/vnd.sun.xml.writer.template stw
application/vnd.sus-calendar sus susp
application/vnd.svd svd
# application/vnd.swiftview-ics
application/vnd.symbian.install sis six
application/vnd.syncml+xml xsm
application/vnd.syncml.dm+wbxml bdm
application/vnd.syncml.dm+xml xdm
# application/vnd.syncml.dm.notification
# application/vnd.syncml.dmddf+wbxml
# application/vnd.syncml.dmddf+xml
# application/vnd.syncml.dmtnds+wbxml
# application/vnd.syncml.dmtnds+xml
# application/vnd.syncml.ds.notification
application/vnd.tao.intent-module-archive tao
application/vnd.tcpdump.pcap pcap cap dmp
# application/vnd.tmd.mediaflex.api+xml
# application/vnd.tml
application/vnd.tmobile-livetv tmo
application/vnd.trid.tpt tpt
application/vnd.triscape.mxs mxs
application/vnd.trueapp tra
# application/vnd.truedoc
# application/vnd.ubisoft.webplayer
application/vnd.ufdl ufd ufdl
application/vnd.uiq.theme utz
application/vnd.umajin umj
```

application/vnd.unity unityweb
application/vnd.uoml+xml uoml
application/vnd.uplanet.alert
application/vnd.uplanet.alert-wbxml
application/vnd.uplanet.bearer-choice
application/vnd.uplanet.bearer-choice-wbxml
application/vnd.uplanet.cacheop
application/vnd.uplanet.cacheop-wbxml
application/vnd.uplanet.channel
application/vnd.uplanet.channel-wbxml
application/vnd.uplanet.list
application/vnd.uplanet.list-wbxml
application/vnd.uplanet.listcmd
application/vnd.uplanet.listcmd-wbxml
application/vnd.uplanet.signal
application/vnd.uri-map
application/vnd.valve.source.material
application/vnd.vcx vcx
application/vnd.vd-study
application/vnd.vectorworks
application/vnd.vel+json
application/vnd.verimatrix.vcas
application/vnd.vidsoft.vidconference
application/vnd.visio vsd vst vss vsw
application/vnd.visionary vis
application/vnd.vividence.scriptfile
application/vnd.vsf vsf
application/vnd.wap.sic
application/vnd.wap.slc
application/vnd.wap.wbxml wbxml
application/vnd.wap.wmlc wmlc
application/vnd.wap.wmlscriptc wmlsc
application/vnd.webturbo wtb
application/vnd.wfa.p2p
application/vnd.wfa.wsc
application/vnd.windows.devicepairing
application/vnd.wmc
application/vnd.wmf.bootstrap
application/vnd.wolfram.mathematica
application/vnd.wolfram.mathematica.package
application/vnd.wolfram.player nbp
application/vnd.wordperfect wpd
application/vnd.wqd wqd
application/vnd.wrq-hp3000-labelled
application/vnd.wt.stf stf
application/vnd.wv.csp+wbxml
application/vnd.wv.csp+xml
application/vnd.wv.ssp+xml

application/vnd.xacml+json
application/vnd.xara xar
application/vnd.xfdl xfdl
application/vnd.xfdl.webform
application/vnd.xmi+xml
application/vnd.xmpie.cpkg
application/vnd.xmpie.dpkg
application/vnd.xmpie.plan
application/vnd.xmpie.ppkg
application/vnd.xmpie.xlim
application/vnd.yamaha.hv-dic hvd
application/vnd.yamaha.hv-script hvs
application/vnd.yamaha.hv-voice hvp
application/vnd.yamaha.openscoreformat osf
application/vnd.yamaha.openscoreformat.osfpvg+xml osfpvg
application/vnd.yamaha.remote-setup
application/vnd.yamaha.smaf-audio saf
application/vnd.yamaha.smaf-phrase spf
application/vnd.yamaha.through-ngn
application/vnd.yamaha.tunnel-udpencap
application/vnd.yaoweme
application/vnd.yellowriver-custom-menu cmp
application/vnd.zul zir zirz
application/vnd.zzazz.deck+xml zaz
application/voicexml+xml vxml
application/vq-rtcpvr
application/watcherinfo+xml
application/whoispp-query
application/whoispp-response
application/widget wgt
application/winhelp hlp
application/wita
application/wordperfect5.1
application/wsd+xml wsd
application/wspolicy+xml wspolicy
application/x-7z-compressed 7z
application/x-abiword abw
application/x-ace-compressed ace
application/x-amf
application/x-apple-diskimage dmg
application/x-authorware-bin aab x32 u32 vox
application/x-authorware-map aam
application/x-authorware-seg aas
application/x-bcpio bcpio
application/x-bittorrent torrent
application/x-blorb blb blorb
application/x-bzip bz
application/x-bzip2 bz2 boz

application/x-cbr cbr cba cbt cbz cb7
application/x-cdlink vcd
application/x-cfs-compressed cfs
application/x-chat chat
application/x-chess-pgn pgn
application/x-compress
application/x-conference nsc
application/x-cpio cpio
application/x-csh csh
application/x-debian-package deb udeb
application/x-dgc-compressed dgc
application/x-director dir dcr dxr cst cct cxt w3d fgd swa
application/x-doom wad
application/x-dtbncx+xml ncx
application/x-dtbook+xml dtb
application/x-dtbresource+xml res
application/x-dvi dvi
application/x-envoy evy
application/x-eva eva
application/x-font-bdf bdf
application/x-font-dos
application/x-font-framemaker
application/x-font-ghostscript gsf
application/x-font-libgrx
application/x-font-linux-psf psf
application/x-font-otf otf
application/x-font-pcf pcf
application/x-font-snf snf
application/x-font-speedo
application/x-font-sunos-news
application/x-font-ttf ttf ttc
application/x-font-type1 pfa pfb pfm afm
application/x-font-vfont
application/x-freearc arc
application/x-futuresplash spl
application/x-gca-compressed gca
application/x-glulx ulx
application/x-gnumeric gnumeric
application/x-gramps-xml gramps
application/x-gtar gtar
application/x-gzip
application/x-hdf hdf
application/x-install-instructions install
application/x-iso9660-image iso
application/x-java-jnlp-file jnlp
application/x-latex latex
application/x-lzh-compressed lzh lha
application/x-mie mie

application/x-mobipocket-ebook prc mobi
application/x-ms-application application
application/x-ms-shortcut lnk
application/x-ms-wmd wmd
application/x-ms-wmz wmz
application/x-ms-xbap xbap
application/x-msaccess mdb
application/x-msbinder obd
application/x-mscardfile crd
application/x-msclip clp
application/x-msdownload exe dll com bat msi
application/x-msmediaview mvb m13 m14
application/x-msmetafile wmf wmz emf emz
application/x-msmoney mny
application/x-mspublisher pub
application/x-msschedule scd
application/x-msterial trm
application/x-mswrite wri
application/x-netcdf nc cdf
application/x-nzb nzb
application/x-pkcs12 p12 pfx
application/x-pkcs7-certificates p7b spc
application/x-pkcs7-certreqresp p7r
application/x-rar-compressed rar
application/x-research-info-systems ris
application/x-sh sh
application/x-shar shar
application/x-shockwave-flash swf
application/x-silverlight-app xap
application/x-sql sql
application/x-stuffit sit
application/x-stuffitx sitx
application/x-subrip srt
application/x-sv4cpio sv4cpio
application/x-sv4crc sv4crc
application/x-t3vm-image t3
application/x-tads gam
application/x-tar tar
application/x-tcl tcl
application/x-tex tex
application/x-tex-tfm tfm
application/x-texinfo texinfo texi
application/x-tgif obj
application/x-ustar ustar
application/x-wais-source src
application/x-www-form-urlencoded
application/x-x509-ca-cert der crt
application/x-xfig fig

application/x-xliff+xml xlf
application/x-xpinstall xpi
application/x-xz xz
application/x-zmachine z1 z2 z3 z4 z5 z6 z7 z8
application/x400-bp
application/xacml+xml
application/xaml+xml xaml
application/xcap-att+xml
application/xcap-caps+xml
application/xcap-diff+xml xdf
application/xcap-el+xml
application/xcap-error+xml
application/xcap-ns+xml
application/xcon-conference-info+xml
application/xcon-conference-info-diff+xml
application/xenc+xml xenc
application/xhtml+xml xhtml xht
application/xhtml-voice+xml
application/xml xml xsl
application/xml-dtd dtd
application/xml-external-parsed-entity
application/xml-patch+xml
application/xmpp+xml
application/xop+xml xop
application/xproc+xml xpl
application/xslt+xml xslt
application/xspf+xml xspf
application/xv+xml mxml xhvm xvm xvm
application/yang yang
application/yin+xml yin
application/zip zip
application/zlib
audio/1d-interleaved-parityfec
audio/32kadpcm
audio/3gpp
audio/3gpp2
audio/ac3
audio/adpcm adp
audio/amr
audio/amr-wb
audio/amr-wb+
audio/aptx
audio/asc
audio/atrac-advanced-lossless
audio/atrac-x
audio/atrac3
audio/basic au snd
audio/bv16

audio/bv32
audio/clearmode
audio/cn
audio/dat12
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audio/dsr-es201108
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audio/evrc-qcp
audio/evrc0
audio/evrc1
audio/evrcb
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audio/evrcwb1
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audio/g7291
audio/g729d
audio/g729e
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audio/gsm-efr
audio/gsm-hr-08
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audio/ip-mr_v2.5

audio/isac
audio/116
audio/120
audio/124
audio/18
audio/lpc
audio/midi mid midi kar rmi
audio/mobile-xmf
audio/mp4 m4a mp4a
audio/mp4a-latm
audio/mpa
audio/mpa-robust
audio/mpeg mpga mp2 mp2a mp3 m2a m3a
audio/mpeg4-generic
audio/musepack
audio/ogg oga ogg spx
audio/opus
audio/parityfec
audio/pcma
audio/pcma-wb
audio/pcmu
audio/pcmu-wb
audio/prs.sid
audio/qcelp
audio/raptorfec
audio/red
audio/rtp-enc-aescm128
audio/rtp-midi
audio/rtploopback
audio/rtx
audio/s3m s3m
audio/silk sil
audio/smv
audio/smv-qcp
audio/smv0
audio/sp-midi
audio/speex
audio/t140c
audio/t38
audio/telephone-event
audio/tone
audio/uemclip
audio/ulpfec
audio/vdvi
audio/vmr-wb
audio/vnd.3gpp.iufp
audio/vnd.4sb
audio/vnd.audiokoz

```
# audio/vnd.celp
# audio/vnd.cisco.nse
# audio/vnd.cmles.radio-events
# audio/vnd.cns.anp1
# audio/vnd.cns.infl
audio/vnd.dece.audio uva uvva
audio/vnd.digital-winds eol
# audio/vnd.dlna.adts
# audio/vnd.dolby.heaac.1
# audio/vnd.dolby.heaac.2
# audio/vnd.dolby.mlp
# audio/vnd.dolby.mps
# audio/vnd.dolby.pl2
# audio/vnd.dolby.pl2x
# audio/vnd.dolby.pl2z
# audio/vnd.dolby.pulse.1
audio/vnd.dra dra
audio/vnd.dts dts
audio/vnd.dts.hd dtshd
# audio/vnd.dvb.file
# audio/vnd.everad.plj
# audio/vnd.hns.audio
audio/vnd.lucent.voice lvp
audio/vnd.ms-playready.media.pya pya
# audio/vnd.nokia.mobile-xmf
# audio/vnd.nortel.vbk
audio/vnd.nuera.ecelp4800 ecelp4800
audio/vnd.nuera.ecelp7470 ecelp7470
audio/vnd.nuera.ecelp9600 ecelp9600
# audio/vnd.octel.sbc
# audio/vnd.qcelp
# audio/vnd.rhetorex.32kadpcm
audio/vnd.rip rip
# audio/vnd.sealedmedia.softseal.mpeg
# audio/vnd.vmx.cvsd
# audio/vorbis
# audio/vorbis-config
audio/webm weba
audio/x-aac aac
audio/x-aiff aif aiff aifc
audio/x-caf caf
audio/x-flac flac
audio/x-matroska mka
audio/x-mpegurl m3u
audio/x-ms-wax wax
audio/x-ms-wma wma
audio/x-pn-realaudio ram ra
audio/x-pn-realaudio-plugin rmp
```

```
# audio/x-tta
audio/x-wav wav
audio/xm xm
chemical/x-cdx cdx
chemical/x-cif cif
chemical/x-cmdf cmdf
chemical/x-cml cml
chemical/x-csml csml
# chemical/x-pdb
chemical/x-xyz xyz
image/bmp bmp
image/cgm cgm
# image/dicom-rle
# image/emf
# image/example
# image/fits
image/g3fax g3
image/gif gif
image/ief ief
# image/jls
# image/jp2
image/jpeg jpeg jpg jpe
# image/jpm
# image/jpx
image/ktx ktx
# image/naplps
image/png png
image/prs.btif btif
# image/prs.pti
# image/pwg-raster
image/sgi sgi
image/svg+xml svg svgz
# image/t38
image/tiff tiff tif
# image/tiff-fx
image/vnd.adobe.photoshop psd
# image/vnd.airzip.accelerator.azv
# image/vnd.cns.inf2
image/vnd.dece.graphic uvi uvvi uvg uvvg
image/vnd.djvu djvu djv
image/vnd.dvb.subtitle sub
image/vnd.dwg dwg
image/vnd.dxf dxf
image/vnd.fastbidsheet fbs
image/vnd.fpx fpx
image/vnd.fst fst
image/vnd.fujixerox.edmics-mmr mmr
image/vnd.fujixerox.edmics-rlc rlc
```

image/vnd.globalgraphics.pgb
image/vnd.microsoft.icon
image/vnd.mix
image/vnd.mozilla.apng
image/vnd.ms-modi mdi
image/vnd.ms-photo wdp
image/vnd.net-fpx npx
image/vnd.radiance
image/vnd.sealed.png
image/vnd.sealedmedia.softseal.gif
image/vnd.sealedmedia.softseal.jpg
image/vnd.svf
image/vnd.tencent.tap
image/vnd.valve.source.texture
image/vnd.wap.wbmp wbmp
image/vnd.xiff xif
image/vnd.zbrush.pcx
image/webp webp
image/wmf
image/x-3ds 3ds
image/x-cmu-raster ras
image/x-cmx cmx
image/x-freehand fh fhc fh4 fh5 fh7
image/x-icon ico
image/x-mrsid-image sid
image/x-pcx pcx
image/x-pict pic pct
image/x-portable-anymap pnm
image/x-portable-bitmap pbm
image/x-portable-graymap pgm
image/x-portable-pixmap ppm
image/x-rgb rgb
image/x-tga tga
image/x-xbitmap xbm
image/x-xpixmap xpm
image/x-xwindowdump xwd
message/cpim
message/delivery-status
message/disposition-notification
message/example
message/external-body
message/feedback-report
message/global
message/global-delivery-status
message/global-disposition-notification
message/global-headers
message/http
message/imdn+xml

message/news
message/partial
message/rfc822 eml mime
message/s-http
message/sip
message/sipfrag
message/tracking-status
message/vnd.si.simp
message/vnd.wfa.wsc
model/example
model/gltf+json
model/iges igs iges
model/mesh msh mesh silo
model/vnd.collada+xml dae
model/vnd.dwf dwf
model/vnd.flatland.3dml
model/vnd.gdl gdl
model/vnd.gs-gdl
model/vnd.gs.gdl
model/vnd.gtw gtw
model/vnd.moml+xml
model/vnd.mts mts
model/vnd.opengex
model/vnd.parasolid.transmit.binary
model/vnd.parasolid.transmit.text
model/vnd.rosette.annotated-data-model
model/vnd.valve.source.compiled-map
model/vnd.vtu vtu
model/vrml wrl vrml
model/x3d+binary x3db x3dbz
model/x3d+fastinfoset
model/x3d+vrml x3dv x3dvz
model/x3d+xml x3d x3dz
model/x3d-vrml
multipart/alternative
multipart/appledouble
multipart/byteranges
multipart/digest
multipart/encrypted
multipart/example
multipart/form-data
multipart/header-set
multipart/mixed
multipart/parallel
multipart/related
multipart/report
multipart/signed
multipart/voice-message

multipart/x-mixed-replace
text/1d-interleaved-parityfec
text/cache-manifest appcache
text/calendar ics ifb
text/css css
text/csv csv
text/csv-schema
text/directory
text/dns
text/ecmascript
text/encaprtf
text/enriched
text/example
text/fwdred
text/grammar-ref-list
text/html html htm
text/javascript
text/jcr-cnd
text/markdown
text/mizar
text/n3 n3
text/parameters
text/parityfec
text/plain txt text conf def list log in
text/provenance-notation
text/prs.fallenstein.rst
text/prs.lines.tag dsc
text/prs.prop.logic
text/raptorfec
text/red
text/rfc822-headers
text/richtext rtx
text/rtf
text/rtp-enc-aescm128
text/rtploopback
text/rtx
text/sgml sgml sgm
text/t140
text/tab-separated-values tsv
text/troff t tr roff man me ms
text/turtle ttl
text/ulpfec
text/uri-list uri uris urls
text/vcard vcard
text/vnd.a
text/vnd.abc
text/vnd.curl curl
text/vnd.curl.dcurl dcurl

text/vnd.curl.mcurl mcurl
text/vnd.curl.scurl scurl
text/vnd.debian.copyright
text/vnd.dmclientscript
text/vnd.dvb.subtitle sub
text/vnd.esmertec.theme-descriptor
text/vnd.fly fly
text/vnd.fmi.flexstor flx
text/vnd.graphviz gv
text/vnd.in3d.3dml 3dml
text/vnd.in3d.spot spot
text/vnd.iptc.newsml
text/vnd.iptc.nitf
text/vnd.latex-z
text/vnd.motorola.reflex
text/vnd.ms-mediapackage
text/vnd.net2phone.commcntr.command
text/vnd.radisys.msml-basic-layout
text/vnd.si.uricatalogue
text/vnd.sun.j2me.app-descriptor jad
text/vnd.trolltech.linguist
text/vnd.wap.si
text/vnd.wap.sl
text/vnd.wap.wml wml
text/vnd.wap.wmlscript wmls
text/x-asm s asm
text/x-c c cc cxx cpp h hh dic
text/x-fortran f for f77 f90
text/x-java-source java
text/x-nfo nfo
text/x-opml opml
text/x-pascal p pas
text/x-setext etx
text/x-sfv sfv
text/x-uuencode uu
text/x-vcalendar vcs
text/x-vcard vcf
text/xml
text/xml-external-parsed-entity
video/1d-interleaved-parityfec
video/3gpp 3gp
video/3gpp-tt
video/3gpp2 3g2
video/bmpeg
video/bt656
video/celb
video/dv
video/encaprtmp

video/example
video/h261 h261
video/h263 h263
video/h263-1998
video/h263-2000
video/h264 h264
video/h264-rcdo
video/h264-svc
video/h265
video/iso.segment
video/jpeg jpgv
video/jpeg2000
video/jpm jpm jpgm
video/mj2 mj2 mjp2
video/mp1s
video/mp2p
video/mp2t
video/mp4 mp4 mp4v mpg4
video/mp4v-es
video/mpeg mpeg mpg mpe m1v m2v
video/mpeg4-generic
video/mpv
video/nv
video/ogg ogv
video/parityfec
video/pointer
video/quicktime qt mov
video/raptorfec
video/raw
video/rtp-enc-aescm128
video/rtploopback
video/rtx
video/smpte292m
video/ulpfec
video/vc1
video/vnd.cctv
video/vnd.dece.hd uvh uvvh
video/vnd.dece.mobile uvm uvvm
video/vnd.dece.mp4
video/vnd.dece.pd uvp uvvp
video/vnd.dece.sd uvs uvvs
video/vnd.dece.video uvv uvvv
video/vnd.directv.mpeg
video/vnd.directv.mpeg-tts
video/vnd.dlna.mpeg-tts
video/vnd.dvb.file dvb
video/vnd.fvt fvt
video/vnd.hns.video

video/vnd.iptvforum.1dparityfec-1010
video/vnd.iptvforum.1dparityfec-2005
video/vnd.iptvforum.2dparityfec-1010
video/vnd.iptvforum.2dparityfec-2005
video/vnd.iptvforum.ttsavc
video/vnd.iptvforum.ttsmpeg2
video/vnd.motorola.video
video/vnd.motorola.videop
video/vnd.mpegurl mxu m4u
video/vnd.ms-playready.media.pyv pyv
video/vnd.nokia.interleaved-multimedia
video/vnd.nokia.videovoip
video/vnd.objectvideo
video/vnd.radgamettools.bink
video/vnd.radgamettools.smacker
video/vnd.sealed.mpeg1
video/vnd.sealed.mpeg4
video/vnd.sealed.swf
video/vnd.sealedmedia.softseal.mov
video/vnd.uvu.mp4 uvu uvvu
video/vnd.vivo viv
video/vp8
video/webm webm
video/x-f4v f4v
video/x-fli fli
video/x-flv flv
video/x-m4v m4v
video/x-matroska mkv mk3d mks
video/x-mng mng
video/x-ms-asf asf asx
video/x-ms-vob vob
video/x-ms-wm wm
video/x-ms-wmv wmv
video/x-ms-wmx wmx
video/x-ms-wvx wvx
video/x-msvideo avi
video/x-sgi-movie movie
video/x-smv smv
x-conference/x-cooltalk ice

Found in path(s):

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/mime.types

No license file was found, but licenses were detected in source scan.

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Found in path(s):

* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/multipart/MultipartHttpServletRequest.java
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/server/WebExceptionHandler.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/annotation/DeleteMapping.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/annotation/PostMapping.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/converter/json/HandlerInstantiator.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/http/ReactiveHttpInputMessage.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-jar/org/springframework/web/bind/annotation/CookieValue.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-

jar/org/springframework/web/context/annotation/SessionScope.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/annotation/PatchMapping.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/request/RequestContextHolder.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/util/WebAppRootListener.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/request/async/AsyncRequestTimeoutException.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/request/RequestScope.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/client/ClientHttpRequestFactory.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/annotation/SessionAttribute.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/multipart/support/MissingServletRequestPartException.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/HttpRequestHandler.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/ReactiveHttpOutputMessage.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/remoting/httpinvoker/HttpInvokerRequestExecutor.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/support/ServletContextLiveBeansView.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/cors/CorsConfigurationSource.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/annotation/ModelAttribute.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/client/ClientHttpRequestExecution.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/annotation/PostMapping.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/annotation/RequestAttribute.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/method/annotation/RequestHeaderMapMethodArgumentResolver.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/request/async/TimeoutDeferredResultProcessingInterceptor.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/annotation/GetMapping.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/request/FacesWebRequest.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/server/session/WebSessionManager.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/multipart/MultipartRequest.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-

jar/org/springframework/web/context/request/WebRequestInterceptor.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/annotation/RequestScope.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/support/WebBindingInitializer.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/WebApplicationContext.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/request/SessionScope.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/cors/reactive/CorsConfigurationSource.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/annotation/ApplicationScope.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/filter/CompositeFilter.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/server/WebHandler.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/server/session/WebSessionIdResolver.java
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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/jsf/DecoratingNavigationHandler.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/annotation/InitBinder.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/jsf/DelegatingPhaseListenerMulticaster.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/client/ResourceAccessException.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/support/SimpleSessionStatus.java

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* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/util/IntrospectorCleanupListener.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/MissingServletRequestParameterException.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/ServletRequestBindingException.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/HttpMediaTypeNotAcceptableException.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/ConfigurableWebEnvironment.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/bind/annotation/ValueConstants.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/remoting/jaxws/JaxWsSoapFaultException.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/client/AbstractClientHttpResponse.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/remoting/httpinvoker/HttpInvokerClientConfiguration.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/web/context/support/SpringBeanAutowiringSupport.java
* /opt/cola/permits/1135880101_1613624385.9/0/spring-web-5-2-7-release-sources-1-
jar/org/springframework/http/MediaTypeEditor.java

```

1.214 netty-buffer 4.1.50.Final

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* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
jar/io/netty/buffer/AbstractUnpooledSlicedByteBuf.java

```


* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/WrappedUnpooledUnsafeDirectByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PooledDuplicatedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/SimpleLeakAwareCompositeByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/WrappedCompositeByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/AdvancedLeakAwareCompositeByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PooledSlicedByteBuf.java
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* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/AbstractPooledDerivedByteBuf.java

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jar/io/netty/buffer/ByteBufAllocatorMetric.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
jar/io/netty/buffer/PooledByteBufAllocatorMetric.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
jar/io/netty/buffer/ByteBufAllocatorMetricProvider.java
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jar/io/netty/buffer/FixedCompositeByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
jar/io/netty/buffer/DefaultByteBufHolder.java
```

* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/ByteBufProcessor.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/SimpleLeakAwareByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/EmptyByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/AdvancedLeakAwareByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/WrappedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/ReadOnlyUnsafeDirectByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/AbstractDerivedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/AbstractReferenceCountedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/UnreleasableByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/ByteBufHolder.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/ReadOnlyByteBufferBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PooledUnsafeDirectByteBuf.java

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* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-

jar/io/netty/buffer/search/SearchProcessor.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
jar/io/netty/buffer/search/SearchProcessorFactory.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
jar/io/netty/buffer/search/KmpSearchProcessorFactory.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
jar/io/netty/buffer/search/AbstractMultiSearchProcessorFactory.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
jar/io/netty/buffer/search/AhoCorasicSearchProcessorFactory.java
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jar/io/netty/buffer/search/AbstractSearchProcessorFactory.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PoolSubpageMetric.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PoolChunkMetric.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/HeapByteBufUtil.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PoolChunkListMetric.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/UnpooledUnsafeHeapByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/AbstractUnsafeSwappedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/UnpooledSlicedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/UnpooledDuplicatedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/UnsafeByteBufUtil.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PoolArenaMetric.java

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* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
jar/io/netty/buffer/search/package-info.java
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* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
jar/io/netty/buffer/ByteBufOutputStream.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
jar/io/netty/buffer/ReadOnlyByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
jar/io/netty/buffer/PoolChunk.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-
jar/io/netty/buffer/SlicedByteBuf.java
```

* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PoolChunkList.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/ByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/UnpooledDirectByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/UnpooledUnsafeDirectByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/Unpooled.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PooledByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/DuplicatedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/CompositeByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PoolSubpage.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/SwappedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/AbstractByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/AbstractByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PoolArena.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/ByteBufInputStream.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/ByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/ByteBufUtil.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PoolThreadCache.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/UnpooledByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PooledDirectByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/PooledByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233880_1594324310.84/0/netty-buffer-4-1-50-final-sources-1-jar/io/netty/buffer/UnpooledHeapByteBuf.java

1.215 jackson 2.10.1

1.215.1 Available under license :

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

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1.216 netty-transport 4.1.50.Final

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* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/DefaultChannelHandlerContext.java

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* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/META-INF/maven/io.netty/netty-transport/pom.xml

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- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/pool/SimpleChannelPool.java
- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/pool/AbstractChannelPoolHandler.java
- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/pool/ChannelHealthChecker.java
- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/pool/ChannelPool.java
- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/pool/ChannelPoolMap.java
- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/pool/ChannelPoolHandler.java
- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/pool/package-info.java
- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java
- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/pool/FixedChannelPool.java
- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/pool/AbstractChannelPoolMap.java
- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java
- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java

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- * /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/SimpleUserEventChannelHandler.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/socket/nio/NioChannelOption.java

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* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/group/ChannelGroup.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/ChannelId.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/ChannelOutboundBuffer.java

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* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/MessageSizeEstimator.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/DefaultChannelId.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/ConnectTimeoutException.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/DefaultAddressedEnvelope.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/group/DefaultChannelGroup.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/DefaultMessageSizeEstimator.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/group/ChannelGroupException.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-

jar/io/netty/channel/ChannelProgressivePromise.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelProgressiveFuture.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/AddressedEnvelope.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/AbstractEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/nio/SelectedSelectionKeySet.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/SimpleChannelInboundHandler.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelHandlerAdapter.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/DefaultChannelProgressivePromise.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/group/ChannelMatchers.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/bootstrap/ChannelFactory.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/group/ChannelMatcher.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelProgressiveFutureListener.java
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 */  
/**  
 * Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in  
 * its { @link ChannelPipeline }.  
 *  
 * <h3>Sub-types</h3>  
 * <p>
```

* { @link ChannelHandler } itself does not provide many methods, but you usually have to implement one of its subtypes:

*

* { @link ChannelInboundHandler } to handle inbound I/O events, and

* { @link ChannelOutboundHandler } to handle outbound I/O operations.

*

* </p>

* <p>

* Alternatively, the following adapter classes are provided for your convenience:

*

* { @link ChannelInboundHandlerAdapter } to handle inbound I/O events,

* { @link ChannelOutboundHandlerAdapter } to handle outbound I/O operations, and

* { @link ChannelDuplexHandler } to handle both inbound and outbound events

*

* </p>

* <p>

* For more information, please refer to the documentation of each subtype.

* </p>

*

* <h3>The context object</h3>

* <p>

* A { @link ChannelHandler } is provided with a { @link ChannelHandlerContext }

* object. A { @link ChannelHandler } is supposed to interact with the

* { @link ChannelPipeline } it belongs to via a context object. Using the

* context object, the { @link ChannelHandler } can pass events upstream or

* downstream, modify the pipeline dynamically, or store the information

* (using { @link AttributeKey }s) which is specific to the handler.

*

* <h3>State management</h3>

*

* A { @link ChannelHandler } often needs to store some stateful information.

* The simplest and recommended approach is to use member variables:

* <pre>

```
* public interface Message {
```

```
*     // your methods here
```

```
* }
```

```
* 
```

```
* public class DataServerHandler extends { @link SimpleChannelInboundHandler } &lt;Message &gt; {
```

```
* 
```

```
*     <b>private boolean loggedIn;</b>
```

```
* 
```

```
*     { @code @Override }
```

```
*     public void channelRead0({ @link ChannelHandlerContext } ctx, Message message) {
```

```
*         if (message instanceof LoginMessage) {
```

```
*             authenticate((LoginMessage) message);
```

```
*             <b>loggedIn = true;</b>
```

```
*         } else (message instanceof GetDataMessage) {
```

```
*             if (<b>loggedIn</b>) {
```

```

*         ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*     } else {
*         fail();
*     }
* }
* }
* ...
* }
* </pre>

```

* Because the handler instance has a state variable which is dedicated to one connection, you have to create a new handler instance for each new channel to avoid a race condition where a unauthenticated client can get the confidential information:

```

* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>

```

* <h4>Using {@link AttributeKey}s</h4>

* Although it's recommended to use member variables to store the state of a handler, for some reason you might not want to create many handler instances. In such a case, you can use {@link AttributeKey}s which is provided by {@link ChannelHandlerContext}:

```

* <pre>
* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*         {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {

```

```

*     if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*         ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*     } else {
*         fail();
*     }
* }
* }
* ...
* }
* </pre>

```

* Now that the state of the handler is attached to the { @link ChannelHandlerContext }, you can add the same handler instance to different pipelines:

```

* <pre>
* public class DataServerInitializer extends { @link ChannelInitializer } &lt; { @link Channel } &gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     { @code @Override }
*     public void initChannel({ @link Channel } channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>

```

* <h4>The { @code @Sharable } annotation</h4>

* <p>In the example above which used an { @link AttributeKey }, you might have noticed the { @code @Sharable } annotation.

* <p>If a { @link ChannelHandler } is annotated with the { @code @Sharable } annotation, it means you can create an instance of the handler just once and add it to one or more { @link ChannelPipeline }s multiple times without a race condition.

* <p>If this annotation is not specified, you have to create a new handler instance every time you add it to a pipeline because it has unshared state such as member variables.

* <p>This annotation is provided for documentation purpose, just like the JCIP annotations.

* <h3>Additional resources worth reading</h3>

* <p>Please refer to the { @link ChannelHandler }, and { @link ChannelPipeline } to find out more about inbound and outbound operations, what fundamental differences they have, how they flow in a pipeline, and how to handle the operation in your application.

*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/ChannelHandler.java

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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/internal/package-info.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/bootstrap/FailedChannel.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/socket/ChannelOutputShutdownException.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/internal/ChannelUtils.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/PendingBytesTracker.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java

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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/DatagramChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/embedded/EmbeddedChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/CombinedChannelDuplexHandler.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/oio/OioSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/oio/AbstractOioMessageChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelFuture.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelInboundHandler.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/local/LocalChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/group/ChannelGroupFuture.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/nio/NioSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelPromiseNotifier.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/oio/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/DefaultChannelPipeline.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/nio/NioDatagramChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
```

jar/io/netty/channel/AbstractServerChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelOption.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelFutureListener.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/local/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/nio/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/oio/OioServerSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/group/ChannelGroupFutureListener.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/DefaultSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ThreadPerChannelEventLoop.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelPromise.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/SingleThreadEventLoop.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelInboundHandlerAdapter.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/SocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/local/LocalAddress.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/VoidChannelPromise.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/FailedChannelFuture.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/group/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/group/CombinedIterator.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/DefaultEventLoop.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/bootstrap/AbstractBootstrap.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/nio/NioTask.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-

jar/io/netty/channel/socket/DatagramPacket.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/local/LocalEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/ChannelInputShutdownEvent.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/nio/NioServerSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelOutboundHandler.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelDuplexHandler.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/Channel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/oio/OioDatagramChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/embedded/EmbeddedEventLoop.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/AbstractChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/EventLoop.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/embedded/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/SocketChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelFlushPromiseNotifier.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/MultithreadEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/oio/AbstractOioChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/FixedRecvByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/nio/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/DefaultChannelPromise.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/bootstrap/ServerBootstrap.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelException.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/local/LocalServerChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-

jar/io/netty/channel/nio/AbstractNioMessageChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/DefaultFileRegion.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/AbstractChannelHandlerContext.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelPipelineException.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/FileRegion.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelPipeline.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelMetadata.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/EventLoopException.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelPromiseAggregator.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/DefaultEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelOutboundHandlerAdapter.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/oio/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/group/DefaultChannelGroupFuture.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/InternetProtocolFamily.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/nio/AbstractNioByteChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/nio/NioEventLoop.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelHandlerContext.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/nio/AbstractNioChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/DatagramChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/nio/NioEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelInitializer.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ServerChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-

jar/io/netty/channel/local/LocalChannelRegistry.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/embedded/EmbeddedSocketAddress.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/EventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/DefaultChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/oio/OioEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/RecvByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/ServerSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/bootstrap/Bootstrap.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/socket/ServerSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/CompleteChannelFuture.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/SucceededChannelFuture.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/bootstrap/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/oio/AbstractOioByteChannel.java
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jar/io/netty/channel/AbstractEventLoop.java

```
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ReflectiveChannelFactory.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/ChannelFactory.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/embedded/EmbeddedChannelId.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-
jar/io/netty/channel/PendingWriteQueue.java
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jar/io/netty/channel/AbstractCoalescingBufferQueue.java
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* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/SelectStrategy.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/SelectStrategyFactory.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/DefaultSelectStrategy.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/bootstrap/AbstractBootstrapConfig.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/PreferHeapByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/ChannelOutboundInvoker.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/socket/DuplexChannel.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/bootstrap/ServerBootstrapConfig.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/DefaultSelectStrategyFactory.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/WriteBufferWaterMark.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/group/VoidChannelGroupFuture.java
* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/bootstrap/BootstrapConfig.java

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* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/EventLoopTaskQueueFactory.java

* /opt/ws_local/PERMITS_SQL/1068233910_1594324277.63/0/netty-transport-4-1-50-final-sources-1-jar/io/netty/channel/ExtendedClosedChannelException.java

1.217 simpleclient 0.8.1

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1.218 jackson 2.9.7

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1.219 jetty-util 9.4.29.v20200521

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javafx.security.auth.message

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

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org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.220 jaxb-core 10.6

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1.221 whatwg-fetch 3.0.0

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1.222 core-js 3.14.0

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1.223 spring-tx 5.2.7.RELEASE

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jar/org/springframework/transaction/jta/ManagedTransactionAdapter.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
jar/org/springframework/jca/cci/InvalidResultSetAccessException.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
jar/org/springframework/jca/cci/connection/NotSupportedRecordFactory.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
jar/org/springframework/dao/TransientDataAccessResourceException.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
jar/org/springframework/transaction/interceptor/DelegatingTransactionAttribute.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
jar/org/springframework/transaction/TransactionSuspensionNotSupportedException.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
jar/org/springframework/transaction/support/TransactionSynchronizationAdapter.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
jar/org/springframework/dao/annotation/PersistenceExceptionTranslationAdvisor.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
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jar/org/springframework/transaction/TransactionUsageException.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
jar/org/springframework/dao/DataIntegrityViolationException.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
jar/org/springframework/dao/DuplicateKeyException.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
jar/org/springframework/dao/PessimisticLockingFailureException.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
jar/org/springframework/transaction/UnexpectedRollbackException.java
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jar/org/springframework/transaction/jta/UserTransactionAdapter.java
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
jar/org/springframework/dao/PermissionDeniedDataAccessException.java
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-
jar/org/springframework/transaction/reactive/TransactionCallback.java

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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/interceptor/TransactionAttributeEditor.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/reactive/TransactionSynchronizationUtils.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/reactive/TransactionContextHolder.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/interceptor/TransactionAspectSupport.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/reactive/GenericReactiveTransaction.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/StaticTransactionDefinition.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/reactive/TransactionalOperatorImpl.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/support/AbstractTransactionStatus.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/reactive/TransactionSynchronization.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/annotation/Ejb3TransactionAnnotationParser.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/support/TransactionOperations.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/ReactiveTransaction.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/event/TransactionalEventListener.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/interceptor/TransactionAttributeSource.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/reactive/TransactionContext.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/annotation/JtaTransactionAnnotationParser.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/support/DefaultTransactionStatus.java
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/reactive/ReactiveResourceSynchronization.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/reactive/AbstractReactiveTransactionManager.java
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/TransactionManager.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/config/JtaTransactionManagerFactoryBean.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/TransactionDefinition.java
* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/interceptor/TransactionAttribute.java

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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/jta/JtaTransactionObject.java
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/dao/support/ChainedPersistenceExceptionTranslator.java
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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/jca/context/SpringContextResourceAdapter.java

* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/support/ResourceTransactionDefinition.java

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* /opt/cola/permits/1135880286_1613624458.77/0/spring-tx-5-2-7-release-sources-2-jar/org/springframework/transaction/jta/SimpleTransactionFactory.java
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jar/springfox/documentation/builders/TokenRequestEndpointBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/service/ImplicitGrant.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/builders/OAuthBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/builders/PathSelectors.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/schema/Xml.java
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jar/springfox/documentation/service/VendorExtension.java
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* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/spring/wrapper/NameValueExpression.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
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* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/schema/AlternateTypeRules.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/service/TokenEndpoint.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/service/AuthorizationCodeGrant.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/PathProvider.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/service/AuthorizationScope.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/spring/wrapper/RequestMappingInfo.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
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* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
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* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/service/AllowableRangeValues.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/builders/TokenEndpointBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/service/AllowableListValues.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
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* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/service/ResourceOwnerPasswordCredentialsGrant.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/schema/Entry.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-

jar/springfox/documentation/service/TokenRequestEndpoint.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/spring/wrapper/PatternsRequestCondition.java
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jar/springfox/documentation/schema/AlternateTypeRuleConvention.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/builders/AlternateTypePropertyBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/builders/AlternateTypeBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/service/Server.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/service/DocumentationReference.java
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* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/service/Documentation.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/service/ResourceGroup.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/schema/Enums.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/service/SecurityReference.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/builders/OperationBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/service/Tag.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/builders/ResourceListingBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/service/ApiListing.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/schema/WildcardType.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/service/ObjectVendorExtension.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/service/Operation.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/builders/ApiListingBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/service/ResolvedMethodParameter.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/builders/ModelPropertyBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/service/ApiDescription.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/builders/BuilderDefaults.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-

jar/springfox/documentation/builders/ApiDescriptionBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/builders/ModelBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/builders/RequestParameterMerger.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/builders/DocumentationBuilder.java
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jar/springfox/documentation/service/Tags.java
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jar/springfox/documentation/builders/ApiInfoBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/service/MediaTypes.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/schema/ModelRef.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
jar/springfox/documentation/builders/ParameterBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-
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* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/common/ClassPresentInClassPathCondition.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/service/ListVendorExtension.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/common/SpringVersionCapability.java
* /opt/ws_local/PERMITS_SQL/1082519108_1597955825.09/0/springfox-core-3-0-0-sources-jar/springfox/documentation/common/ClassNotPresentInClassPathCondition.java

1.232 angular-simple-logger 0.1.7

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1.233 sqlite 3.27.2-3+deb10u1

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<dd><p>The psow query parameter works with the default windows and unix VFSes but might be a no-op for other proprietary or non-standard VFSes.

<dd><p>One might, for example, want to query all objects that overlap with the 35th parallel: `SELECT id FROM demo_index WHERE maxY>=35.0 AND minY<=35.0`; But, generally speaking, the more constraints that the R*Tree module has to work with, and the smaller the bounding box, the faster the results will come back. 3.4. Roundoff Error By default, coordinates are stored in an R*Tree using 32-bit floating point values. When a coordinate cannot be exactly represented by a 32-bit floating point number, the lower-bound coordinates are rounded down and the upper-bound coordinates are rounded up. Thus, bounding boxes might be slightly larger than specified, but will never be any smaller. This is exactly what is desired for doing the more common "overlapping" queries where the application wants to find every entry in the R*Tree that overlaps a query bounding box. Rounding the entry bounding boxes outward might cause a few extra entries to appear in an overlapping query if the edge of the entry bounding box corresponds to an edge of the query bounding box. But the overlapping query will never miss a valid table entry. However, for a "contained-within" style query, rounding the bounding boxes outward might cause some entries to be excluded from the result set if the edge of the entry bounding box corresponds to the edge of the query bounding box. To guard against this, applications should expand their contained-within query boxes slightly (by 0.000012%) by rounding down the lower coordinates and rounding up the top coordinates, in each dimension. 4. Using R*Trees Effectively For SQLite versions prior to 3.24.0 (2018-06-04), the only information that an R*Tree index stores about an object is its integer ID and its bounding box. Additional information needs to be stored in separate tables and related to the R*Tree index using the primary key. For the example above, one might create an auxiliary table as follows: `CREATE TABLE demo_data(id INTEGER PRIMARY KEY, -- primary key objname TEXT, -- name of the object objtype TEXT, -- object type boundary BLOB -- detailed boundary of object);` In this example, the `demo_data.boundary` field is intended to hold some kind of binary representation of the precise boundaries of the object. The R*Tree index only holds an axis-aligned rectangular boundary for the object. The R*Tree boundary is just an approximation of the true object boundary. So what typically happens is that the R*Tree index is used to narrow a search down to a list of candidate objects and then more detailed and expensive computations are done on each candidate to find if the candidate truly meets the search criteria. Key Point: An R*Tree index does not normally provide the exact answer but merely reduces the set of potential answers from millions to dozens. Suppose the `demo_data.boundary` field holds some proprietary data description of a complex two-dimensional boundary for an object and suppose that the application has used the `sqlite3_create_function()` interface to create application-defined functions "contained_in" and "overlaps" accepting two `demo_data.boundary` objects and return true or false. One may assume that "contained_in" and "overlaps" are relatively slow functions that we do not want to invoke too frequently. Then an efficient way to find the name of all objects located within the North Carolina 12th District, one may be to run a query like this: `SELECT objname FROM demo_data, demo_index WHERE demo_data.id=demo_index.id AND contained_in(demo_data.boundary, :boundary) AND minX>=-81.0 AND maxX<=-79.6 AND minY>=35.0 AND maxY>=36.2`; In the query above, one would presumably bind the binary BLOB description of the precise boundary of the 12th district to the `:boundary` parameter. Notice how the query above works: The R*Tree index runs in the outer loop to find entries that are contained within the bounding box of longitude -81..-79.6 and latitude 35.0..36.2. For each object identifier found, SQLite looks up the corresponding entry in the `demo_data` table. It then uses the `boundary` field from the `demo_data` table as a parameter to the `contained_in()` function and if that function returns true, the `objname` field from the `demo_data` table is returned as the next row of query result. One would get the same answer without the use of the R*Tree index using

the following simpler query: SELECT objname FROM demo_data WHERE contained_in(demo_data.boundary, :boundary); The problem with this latter query is that it must apply the contained_in() function to millions of entries in the demo_data table. The use of the R*Tree in the penultimate query reduces the number of calls to contained_in() function to a small subset of the entire table. The R*Tree index did not find the exact answer itself, it merely limited the search space.

4.1. Auxiliary Columns Beginning with SQLite version 3.24.0 (2018-06-04), r-tree tables can have auxiliary columns that store arbitrary data. Auxiliary columns can be used in place of secondary tables such as "demo_data". Auxiliary columns are marked with a "+" symbol before the column name. Auxiliary columns must come after all of the coordinate boundary columns. There is a limit of no more than 100 auxiliary columns. The following example shows an r-tree table with auxiliary columns that is equivalent to the two tables "demo_index" and "demo_data" above: CREATE VIRTUAL TABLE demo_index2 USING rtree(id, -- Integer primary key minX, maxX, -- Minimum and maximum X coordinate minY, maxY, -- Minimum and maximum Y coordinate +objname TEXT, -- name of the object +objtype TEXT, -- object type +boundary BLOB -- detailed boundary of object);

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SQLite is in the public domain and does not require a license.

the public domain.

have the legal right to dedicate the SQLite to the public domain, and

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SQLite core and like the SQLite core are in the public domain. The

The **[TH3](th3.html)** test harness is a set of proprietary tests, written in

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application is free to use the same [database connection](#sqlite3) or the

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Public domain

The source code for SQLite is in the public domain. No claim of copyright

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Sources are in the [public domain](copyright.html).

or some proprietary format into

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proprietary. The TH3 code is only accessible to SQLite developers.

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data, so do not send the ".fullschema" output of a proprietary database

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<p>FOR IMMEDIATE RELEASE:</p>

<h2 align="center">SQLite Consortium Launches With Mozilla And Symbian As Charter Members</h2>

<h3 align="center">Ensures independent technical direction for world's most deployed SQL database engine</h3>

<p>Charlotte, North Carolina - December 12, 2007 - The SQLite Consortium, a new membership association dedicated to maintaining SQLite as a fully open and independent product, was formally announced today. Mozilla and Symbian Ltd. have joined the SQLite Consortium as charter members.</p>

<p>SQLite is a compact, high efficiency, high reliability, embeddable SQL database engine. The source code to SQLite is in the public domain and is available with no associated fees. SQLite is the most deployed SQL database engine in the world and is currently used in a wide range of commercial software products and electronic devices from leading manufacturers. SQLite is found today in many mobile phones, MP3 players, set-top boxes, and PCs.</p>

<p>The mission of the SQLite Consortium is to continue developing and enhancing SQLite as a product that anyone may use without paying royalties or licensing fees. Members of the SQLite Consortium provide funding to enable this mission and in return receive enterprise-level technical support. Technical control and direction of SQLite remains entirely with the SQLite developers.</p>

<p>Mozilla, developer of the popular open-source Firefox web browser, and Symbian, the market-leading open operating system for advanced data-enabled smartphones, both deploy the SQLite database engine in their products. As charter members of the Consortium, Mozilla and Symbian are ensuring the development and support of SQLite as a freely accessible and public domain software asset.</p>

<p>"SQLite has become a popular embedded database because it is lightweight, fast, and open source," said Michael Schroepfer, Vice President of Engineering, Mozilla. "As a charter member of the SQLite Consortium, Mozilla is excited to help ensure SQLite remains a vibrant and open technology, in line with our mission to promote choice and innovation on the Internet."</p>

<p>"The SQLite Consortium will help set the standards for database management which are essential in smartphone functionality and will also help create a pool of developers, highly-skilled in SQLite for future mobile phone development, " said Bruce Carney, Director, Developer Programmes & Services, Symbian. "Our involvement with the SQL Consortium not only demonstrates Symbian's commitment to open standards in the industry, but as mobile phones become increasingly powerful

and smartphones become increasingly popular, we are focused on ensuring that desktop developers, who move to the mobile space, have the easiest and most productive experience possible."

SQLite is a winner of the 2005 Google/O'Reilly Open Source Award. Additional information regarding the SQLite Consortium is available at the SQLite website, <http://www.sqlite.org/>.

###

About SQLite

SQLite is a software library that implements a self-contained, embeddable, serverless, zero-configuration, transactional SQL database engine. The code for SQLite is in the public domain and is free for any use, commercial or private. SQLite is currently found in countless software titles and electronic devices.

SQLite was originally developed and released 2000 by Dr. D. Richard Hipp. The code continues to be maintained and enhanced by an international team of developers under Hipp's direction.

CONTACT INFORMATION:
SQLite Consortium
Dr. D. Richard Hipp
6200 Maple Cove Lane
Charlotte, NC 28269
Email: drh@sqlite.org
<http://www.sqlite.org/>
Tel: +1.704.948.4565

About Mozilla

Mozilla is a global community dedicated to building free, open source products and technologies that improve the online experience for people everywhere. Mozilla works in the open with a highly disciplined, transparent and cooperative development process, under the umbrella of the non-profit Mozilla Foundation. As a wholly owned subsidiary, the Mozilla Corporation organizes the development and marketing of Mozilla products. This unique structure has enabled Mozilla to financially support and cultivate competitive, viable community innovation. For more information, visit www.mozilla.com.

CONTACT INFORMATION:

Mozilla Corporation

Jessica Waight

Tel: +1.415.345.4754

Email: jwaight@outcastpr.com
</p>

<p>About Symbian Limited</p>

<p>Symbian is a software licensing company that develops and licenses Symbian OS, the market-leading open operating system for advanced, data-enabled mobile phones known as smartphones.</p>

<p>Symbian licenses Symbian OS to the world's leading handset manufacturers and has built close co-operative business relationships with leading companies across the mobile industry. During Q3 2007, 20.4 million Symbian smartphones were sold worldwide to over 250 major network operators, bringing the total number of Symbian smartphones shipped up to 30 September 2007 to 165 million.</p>

<p>Symbian has its headquarters in London, United Kingdom, with offices in the United States, United Kingdom, Asia (India, P.R. China, and Korea) and Japan. For more information, please visit www.symbian.com.</p>

<p>CONTACT INFORMATION:

Symbian Global Press Office

Karen Hamblen

+44 207 154 1707

press@symbian.com
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SQLite is in the public domain. This document describes what that means

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<h1 align="center">
SQLite Consortium Agreement
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<p>This SQLite Consortium Agreement ("Agreement") is made and entered into as of the ____ day of _____, 2007 ("Effective Date") by and between _____ (the "Company"), and Hipp, Wyrick & Company, Inc., a Georgia Corporation with headquarters at 6200 Maple Cove Lane, Charlotte, NC ("Hwaci").</p>

<p>WHEREAS, Hwaci is the developer of a serverless, embeddable, public domain SQL database engine available at http://www.sqlite.org/ ("SQLite"); and</p>

<p>WHEREAS, Company wishes to support the independent development of the SQLite database engine to insure the continuing reliability, vitality, and independence of SQLite, and in connection therewith, Company wishes to provide funds for ongoing research, development, and maintenance of the SQLite code base, operation of the SQLite website, protection and maintenance of the SQLite trademark, as well as for promotion of SQLite at conferences and trade shows; and</p>

<p>WHEREAS, Company wishes to receive benefits in the form of services from Hwaci in consideration for their support of SQLite; and

<p>WHEREAS, Company and Hwaci each wish SQLite to be supported and maintained as an independent, community-driven project, and to ensure the SQLite development team remains independent.</p>

<p>NOW, THEREFORE, in consideration of the mutual promises contained herein, the parties agree as follows:</p>

<h2>1.0 Definitions</h2>

<h3>1.1 SQLite Developers</h3>

<p>The "SQLite Developers" are the employees or contractors of Hwaci engaged in the development of SQLite, including without limitation the SQLite Architect.</p>

<h3>1.2 SQLite Architect</h3>

<p>The "SQLite Architect" is the SQLite Developer with ultimate responsibility and authority over changes and maintenance of the

SQLite code. The current SQLite Architect is the original designer and developer of SQLite, D. Richard Hipp. Hwaci may change the SQLite Architect from time to time upon approval by Company.</p>

<h3>1.3 Consortium Member</h3>

<p>A "Consortium Member" is a company or organization, including but not limited to Company, which has entered into an agreement with Hwaci which is substantially similar to this Agreement.</p>

</p>

<h2>2.0 Agreement</h2>

<h3>2.1 Responsibilities And Obligations Of SQLite Developers</h3>

<h4>2.1.1 General Support</h4>

<p>The SQLite Developers shall provide, without limit, timely and accurate answers, advice, and instruction in response to questions and comments from Company about SQLite submitted by email or by telephone at any time day or night.</p>

</p>

<h4>2.1.2 Debugging Support</h4>

The SQLite Developers shall at Company's request provide Company with direct assistance in debugging applications that are built upon or use SQLite. The combined time for Debugging Support and Custom Development for Company is limited to 330 hours per year.</p>

</p>

<h4>2.1.3 Custom Development</h4>

<p>The SQLite Developers shall at the request of Company write new extensions or enhancements to SQLite according to Company's specifications. These extensions and enhancements may be proprietary to Company or open source or with the consent of both Company and the SQLite Architect may be folded into the public domain SQLite source tree. The time devoted to Custom Development for Company is limited 220 hours per year.</p>

</p>

<h4>2.1.4 Custom Builds</h4>

The SQLite Developers shall at Company's request provide Company with specialized builds of SQLite according to Company's specifications.</p>

</p>

<h4>2.1.5 Legacy Support</h4>

<p>The SQLite Developers shall at Company's request provide support and bug-fix patches for any historical version of SQLite.</p>

</p>

<h4>2.1.6 Custom Testing</h4>

<p>The SQLite Developers shall at Company's request set up and run acceptance tests according Company's specifications that are specifically designed to exercise SQLite as configured and used by Company. These acceptance tests shall be run and shall pass prior to any release of SQLite.

</p>

<h4>2.1.7 Priority Bug Fixes</h4>

<p>The SQLite Developers shall assign highest priority to fixing bugs in SQLite that are reported by Company or in which Company has expressed a specific interest.

</p>

<h4>2.1.8 Code Quality</h4>

<p>The SQLite Developers shall at all times keep the SQLite source code well commented and documented and clearly structured and organized so that an experienced and competent programmer can understand it and support it after no more than a few months of study.

</p>

<h4>2.1.9 Backwards Compatibility</h4>

<p>The SQLite Developers recognize that Company uses SQLite in mission-critical applications and therefore shall work diligently to ensure continuing bug-free correct operation and backwards compatibility with prior releases.

</p>

<h4>2.1.10 Test Coverage</h4>

<p>The SQLite Developers shall maintain the SQLite test suite such that no less than 95% source code coverage is provided.

</p>

<h4>2.1.11 Website</h4>

<p>The SQLite Developers shall maintain the SQLite website at http://www.sqlite.org in good working order and all SQLite source code shall be made freely available at such website.

</p>

<h3>2.2 Responsibilities And Obligations Of The SQLite Architect</h3>

<h4>2.2.1 Private Briefings</h4>

<p>The SQLite Architect shall, at the request of Company, provide Company with private notification and briefings

of any new bugs or new features in SQLite that might effect Company's products.

</p>

<h4>2.2.2 Direction</h4>

<p>The SQLite Architect shall coordinate the activities of SQLite Developers and shall publish from time to time a roadmap of proposed future changes and enhancements to SQLite.

</p>

<h4>2.2.3 Oversight</h4>

<p>The SQLite Architect shall personally review all changes to the SQLite Source Code and take responsibility for the quality and correctness of those changes.

</p>

<h4>2.2.4 Continuity</h4>

<p>The initial SQLite Architect shall be the original developer of SQLite, D. Richard Hipp. The role of SQLite Architect shall not be assigned to another during the term of this Agreement except due to the disability of Dr. Hipp and with approval of Company.

</p>

<h3>2.3 Responsibilities And Obligations Of Hwaci</h3>

<h4>2.3.1 Employer</h4>

<p>Hwaci shall act as the employer of the SQLite Developers and SQLite Architect and shall make all tax and legal filings and tax withholding required by employers. Hwaci shall provide Company with W-9 information upon request.

</p>

<h4>2.3.2 Responsible Party</h4>

<p>All obligations of the SQLite Developers set forth in this agreement are deemed obligations of Hwaci. Hwaci shall recruit, employ, and supervise SQLite Developers in such a way that the responsibilities and obligations of the SQLite Developers set forth in this agreement are upheld.</p>

<h4>2.3.3 Multiple Developers</h4>

<p>Hwaci shall recruit and employ as many SQLite Developers for as many hours as can be reasonably achieved using the funds received from Consortium Members under this agreement.

So that support for SQLite will not be interrupted by the disability or withdrawal of any one SQLite Developer, Hwaci will keep at least two knowledgeable and competent SQLite Developers on staff.</p>

<h4>2.3.4 Mentorship</h4>

<p>Hwaci shall work to encourage independent programmers from around the world to become familiar with SQLite internals so that there will be a pool of talent able to support SQLite in the future.</p>

<h4>2.3.5 Audits</h4>

<p>Hwaci shall keep and maintain complete and accurate records of the use of development funds provided by Company and shall allow Company, or its representative, a certified public accountant mutually acceptable to Hwaci and Company, during office hours and at reasonable intervals, no more than once every 12 months, to inspect and make extracts or copies of such records solely for the purpose of ascertaining Hwaci's compliance with the objectives and requirements of this agreement.</p>

<h4>2.3.6 Disaster Planning</h4>

<p>Hwaci shall maintain backup copies of all SQLite source files and documentation, current and historical, at at least two separate locations separated from each other and from the primary on-line SQLite repository by at least 400 kilometers.</p>

<h4>2.3.7 Trademark</h4>

<p>Hwaci shall maintain ownership of the SQLite trademark and the sqlite.org domain name and shall purchase bandwidth and server space for the http://www.sqlite.org/ website.</p>

<h4>2.3.8 No Take-overs or Buy-outs</h4>

<p>Neither Hwaci nor the SQLite Architect shall relinquish development control of SQLite during the term of this Agreement, by acquisition or merger or by any other means, except with the consent of Company.</p>

<h4>2.3.9 New Consortium Members</h4>

<p>New Consortium Members may be accepted into the consortium from time to time under identical terms as this agreement, or under substantially similar terms that have been approved by existing Consortium Members.</p>

<h4>2.3.10 Adequate Staff</h4>

Hwaci shall recruit and employ a sufficient number of qualified

SQLite Developers to easily cover all custom development, debugging, and general support service obligations for all Consortium Members while still providing ample time for the SQLite Developers to engage in general maintenance and extension of SQLite.

</p>

<h4>2.3.11 Use Of Funds</h4>

<p>Hwaci shall use the funds provided hereunder solely for the development and maintenance of SQLite as set forth in this Agreement.

Interest on funds received in advance and held in trust will be reinvested and used for the same purposes as the principal.

</p>

<h3>2.4 Responsibilities And Obligations Of Company</h3>

<h4>2.4.1 Funding</h4>

<p>Company shall provide funding for the ongoing support and maintenance of SQLite as set forth in section 3.0 "Fees".

</p>

<h4>2.4.2 Copyright Disclaimer</h4>

<p>Company acknowledges that SQLite source code and documentation published on the SQLite website is in the public domain and that nothing in this agreement shall change that fact.

</p>

<h2>3.0 Fees</h2>

<p>In consideration of the performance by Hwaci, the SQLite Developers, and the SQLite Architect of the obligations described herein, Company shall pay Hwaci at least US \$75,000 per year in advance either annually, quarterly, or monthly, at Company's discretion.</p>

<h2>4.0 Confidentiality</h2>

<h3>4.1 Definition of Confidential Information</h3>

<p>"Confidential Information" means any Company proprietary information, technical data, trade secrets or know-how, including, but not limited to, research, product plans, products, services, customers, customer lists, markets, software, developments, inventions, processes, formulas, technology, designs, drawings, engineering, hardware configuration information, marketing, finances or other business information disclosed by Company either directly or indirectly in writing,

orally or by drawings or inspection of parts or equipment.</p>

<h3>4.2 Non-Use and Non-Disclosure.</h3>

<p>Hwaci shall not, during or subsequent to the term of this Agreement, use Company's Confidential Information for any purpose whatsoever other than the performance of the Services or disclose Company's Confidential Information to any third party. The parties acknowledge that Confidential Information will remain the sole property of Company. Hwaci shall take all reasonable precautions to prevent any unauthorized disclosure of Confidential Information including, but not limited to, having each employee or consultant of Hwaci, if any, with access to any Confidential Information, execute a nondisclosure agreement containing provisions in Company's favor substantially similar to this Agreement. Confidential Information does not include information that: (i) is known to Hwaci at the time of disclosure to Hwaci by Company as evidenced by written records of Hwaci; (ii) has become publicly known and made generally available through no wrongful act of Hwaci; or (iii) has been received by Hwaci from a third party who is authorized to make such disclosure.</p>

<h4>4.2.1 Disclosure Required by Law</h4>

In the event any Confidential Information is required to be disclosed by Hwaci under the terms of a valid and effective subpoena or order issued by a court of competent jurisdiction, or by a demand or information request from an executive or administrative agency or other governmental authority, Hwaci shall, unless prohibited by the terms of a subpoena, order, or demand, promptly notify Company of the existence, terms and circumstances surrounding such demand or request, shall consult with Company on the advisability of taking legally available steps to resist or narrow such demand or request, and, if disclosure of such Confidential Information is required, shall exercise its reasonable best efforts to narrow the scope of disclosure and obtain an order or other reliable assurance that confidential treatment will be accorded to such Confidential Information. To the extent that Hwaci is prohibited from notifying Company of a subpoena, order or demand, by the terms of same, Hwaci shall exercise its reasonable efforts to narrow the scope of disclosure.</p>

<h3>4.3 Return of Materials.</h3>

<p>Upon the termination of this Agreement, or upon Company's earlier request, Hwaci shall deliver to Company all of Company's property or Confidential Information that Hwaci

may have in Hwaci's possession or control.</p>

<h2>5.0 Intellectual Property</h2>

<h3>5.1 No Assignment</h3>

<p>Company acknowledges that all copyrightable material, notes, records, drawings, designs, inventions, improvements, developments, discoveries and trade secrets made, generated, conceived, or reduced to practice by Hwaci related to SQLite will remain the property of Hwaci. Nothing in this Agreement will be construed to transfer any intellectual property right of Hwaci to Company.</p>

<h3>5.2 Availability and Public Domain Dedication</h3>

<p>The SQLite Developers and Hwaci shall, subject to their discretion as to the quality and suitability of the SQLite source code and documentation for public release, make the SQLite source code and documentation publicly available as downloadable files and make a public statement ceding all intellectual property rights, including but not limited to copyright and patent rights, in the SQLite source code and documentation to the public domain.

To the extent that the SQLite Developers and Hwaci elect not to release the SQLite source code and documentation publicly, they shall provide copies thereof to Company and hereby grants to Company, under all of the SQLite Developers' and Hwaci's rights including but not limited to copyright and patent rights, in and to the SQLite source code and documentation, perpetual, irrevocable, worldwide, non-exclusive, sublicenseable license to use, copy, prepare derivative works of, publicly perform and display the SQLite source code and documentation and derivative works thereof.</p>

<h3>5.3 Trademark</h3>

<p>Hwaci shall use the name "SQLite" only to apply to the publicly available project known by such name as of the Effective Date. Hwaci may in its discretion file such trademark applications or registrations as it deems appropriate to protect or record its rights therein,

and may set such policies as it deems appropriate for licensing the use of the trademark.</p>

<h2>6.0 Representations And Warranties</h2>

<h3>6.1 Intellectual Property Clearances.</h3>

<p>Hwaci hereby represents and warrants that Hwaci shall enter into agreements with the SQLite Developers sufficient to enable Hwaci to undertake the obligations of Section 5.</p>

<h3>6.2 Disclaimer.</h3>

<p>THE WORK PRODUCT AND ALL MATERIAL PROVIDED BY HWACI AND COMPANY ARE PROVIDED "AS IS." NEITHER PARTY MAKES ANY REPRESENTATIONS OR WARRANTIES OF ANY KIND, WHETHER ORAL OR WRITTEN, WHETHER EXPRESS, IMPLIED, OR ARISING BY STATUTE, CUSTOM, COURSE OF DEALING OR TRADE USAGE, WITH RESPECT TO THE SUBJECT MATTER HEREOF, IN CONNECTION WITH THIS AGREEMENT. EACH PARTY SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OR CONDITIONS OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT.</p>

<h2>7.0 Term And Termination</h2>

<h3>7.1 Term.</h3>

<p>This Agreement will commence on the Effective Date and will continue until 12 months after the Effective Date. Thereafter, the parties may by mutual consent renew this Agreement subject to agreement on fees to be paid by Company for sponsorship for additional periods.</p>

<h3>7.2 Termination.</h3>

<p>If either party materially defaults in the performance of any of its material obligations hereunder and if any such default is not corrected within 30 days after notice in writing, then the non-defaulting party, at its option, may, in addition to any other remedies it may have, thereupon terminate this Agreement by giving written notice of termination to the defaulting party.</p>

<h3>7.3 Survival.</h3>

<p>Upon such termination all rights and duties of the parties toward each other will cease except: Sections 4 (Confidentiality), 5 (Intellectual Property),

and 8 (Miscellaneous) will survive termination of this Agreement.</p>

<h2>8. Miscellaneous</h2>

<h3>8.1 Nonassignment/Binding Agreement.</h3>

<p>The parties acknowledge that the unique nature of Hwaci's services are substantial consideration for the parties' entering into this Agreement. Neither this Agreement nor any rights under this Agreement may be assigned or otherwise transferred by Hwaci, in whole or in part, whether voluntarily or by operation of law, without the prior written consent of Company, which consent will not be unreasonably withheld.

Subject to the foregoing, this Agreement will be binding upon and will inure to the benefit of the parties and their respective successors and assigns. Any assignment in violation of the foregoing will be null and void.</p>

<h3>8.2 Notices.</h3>

<p>Any notice required or permitted under the terms of this Agreement or required by law must be in writing and must be: (a) delivered in person; (b) sent by first class registered mail, or air mail, as appropriate; or (c) sent by overnight air courier, in each case properly posted and fully prepaid to the appropriate address set forth in the preamble to this Agreement. Either party may change its address for notice by notice to the other party given in accordance with this Section. Notices will be considered to have been given at the time of actual delivery in person, three business days after deposit in the mail as set forth above, or one day after delivery to an overnight air courier service.</p>

<h3>8.3 Waiver.</h3>

<p>Any waiver of the provisions of this Agreement or of a party's rights or remedies under this Agreement must be in writing to be effective. Failure, neglect, or delay by a party to enforce the provisions of this Agreement or its rights or remedies at any time, will not be construed as a waiver of such party's rights under this Agreement and will not in any way affect the validity of the whole or any part of this Agreement or prejudice such party's right to take subsequent action. No exercise or enforcement by either party of any right or remedy under this Agreement will preclude the

enforcement by such party of any other right or remedy under this Agreement or that such party is entitled by law to enforce.</p>

<h3>8.4 Severability.</h3>

<p>If any term, condition, or provision in this Agreement is found to be invalid, unlawful or unenforceable to any extent, the parties shall endeavor in good faith to agree to such amendments that will preserve, as far as possible, the intentions expressed in this Agreement. If the parties fail to agree on such an amendment, such invalid term, condition or provision will be severed from the remaining terms, conditions and provisions, which will continue to be valid and enforceable to the fullest extent permitted by law.</p>

<h3>8.5 Integration.</h3>

<p>This Agreement contains the entire agreement of the parties with respect to the subject matter of this Agreement and supersedes all previous communications, representations, understandings and agreements, either oral or written, between the parties with respect to said subject matter. This Agreement may not be amended, except by a writing signed by both parties.</p>

<h3>8.6 Counterparts.</h3>

<p>This Agreement may be executed in counterparts, each of which so executed will be deemed to be an original and such counterparts together will constitute one and the same agreement.</p>

<h3>8.7 Governing Law.</h3>

<p>This Agreement will be interpreted and construed in accordance with the laws of the State of North Carolina and the United States of America, without regard to conflict of law principles. All disputes arising out of this Agreement will be subject to the exclusive jurisdiction of the state and federal courts located in North Carolina, and each party hereby consents to the personal jurisdiction thereof.</p>

<h3>8.8 Independent Contractors.</h3>

<p>It is the intention of the parties that Hwaci is an

independent contractor. Nothing in this Agreement will in any way be construed to constitute Hwaci or any of its employees as an agent, employee or representative of Company.

9.0 Signatures

The parties have executed this Agreement below to indicate their acceptance of its terms.

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Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/consortium_agreement-20071201.html

No license file was found, but licenses were detected in source scan.

is free to use SQLite from multiple threads, but it must make sure

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/custombuild.html

No license file was found, but licenses were detected in source scan.

Proprietary SQLite Extensions

<copyright.html> public domain. But there also exist proprietary, licensed extensions to SQLite.

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/support.html

No license file was found, but licenses were detected in source scan.

public domain. No claim of ownership is made

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/faq.html

No license file was found, but licenses were detected in source scan.

other proprietary or non-standard VFSes.

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/uri.html

No license file was found, but licenses were detected in source scan.

```
#!/usr/bin/tclsh.docsrc
```

```
#### Import of wapp.tcl
```

```
# Copyright (c) 2017 D. Richard Hipp
```

```
#
```

```
# This program is free software; you can redistribute it and/or  
# modify it under the terms of the Simplified BSD License (also  
# known as the "2-Clause License" or "FreeBSD License".)
```

```
#
```

```
# This program is distributed in the hope that it will be useful,  
# but without any warranty; without even the implied warranty of  
# merchantability or fitness for a particular purpose.
```

```
#
```

```
#-----
```

```
#
```

```
# Design rules:
```

```
#
```

```
# (1) All identifiers in the global namespace begin with "wapp"
```

```
#
```

```
# (2) Identifiers intended for internal use only begin with "wappInt"
```

```
#
```

```
# Add text to the end of the HTTP reply. No interpretation or transformation
```

```
# of the text is performed. The argument should be enclosed within {...}
```

```
#
```

```
proc wapp {txt} {
```

```
    global wapp
```

```
    dict append wapp .reply $txt
```

```
}
```

```
# Add text to the page under construction. Do no escaping on the text.
```

```
#
```

```
# Though "unsafe" in general, there are uses for this kind of thing.
```

```
# For example, if you want to return the complete, unmodified content of
```

```
# a file:
```

```

#
#   set fd [open content.html rb]
#   wapp-unsafe [read $fd]
#   close $fd
#
# You could do the same thing using ordinary "wapp" instead of "wapp-unsafe".
# The difference is that wapp-safety-check will complain about the misuse
# of "wapp", but it assumes that the person who write "wapp-unsafe" understands
# the risks.
#
# Though occasionally necessary, the use of this interface should be minimized.
#
proc wapp-unsafe {txt} {
    global wapp
    dict append wapp .reply $txt
}

# Add text to the end of the reply under construction. The following
# substitutions are made:
#
# %html(...)      Escape text for inclusion in HTML
# %url(...)       Escape text for use as a URL
# %qp(...)        Escape text for use as a URI query parameter
# %string(...)    Escape text for use within a JSON string
# %unsafe(...)    No transformations of the text
#
# The substitutions above terminate at the first ")" character. If the
# text of the TCL string in ... contains ")" characters itself, use instead:
#
# %html%(...)%
# %url%(...)%
# %qp%(...)%
# %string%(...)%
# %unsafe%(...)%
#
# In other words, use "%(...)%" instead of "(...)" to include the TCL string
# to substitute.
#
# The %unsafe substitution should be avoided whenever possible, obviously.
# In addition to the substitutions above, the text also does backslash
# escapes.
#
proc wapp-subst {txt} {
    global wapp
    regsub -all {%[html|url|qp|string|unsafe]{1,1}?(|%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt
    dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

```

```

# Works like wapp-subst, but also removes whitespace from the beginning
# of lines.
#
proc wapp-trim {txt} {
    global wapp
    regsub -all {\n\s+} [string trim $txt] \n txt
    regsub -all {% (html|url|qp|string|unsafe){ 1,1 } ?(|%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt
    dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# There must be a wappInt-enc-NAME routine for each possible substitution
# in wapp-subst. Thus there are routines for "html", "url", "qp", and "unsafe".
#
# wappInt-enc-html      Escape text so that it is safe to use in the
#                       body of an HTML document.
#
# wappInt-enc-url       Escape text so that it is safe to pass as an
#                       argument to href= and src= attributes in HTML.
#
# wappInt-enc-qp        Escape text so that it is safe to use as the
#                       value of a query parameter in a URL or in
#                       post data or in a cookie.
#
# wappInt-enc-string    Escape ", ', \, and < for using inside of a
#                       javascript string literal. The < character
#                       is escaped to prevent "</script>" from causing
#                       problems in embedded javascript.
#
# wappInt-enc-unsafe    Perform no encoding at all. Unsafe.
#
proc wappInt-enc-html {txt} {
    return [string map {& &amp; < &lt; > &gt; \&quot; \&#92;} $txt]
}
proc wappInt-enc-unsafe {txt} {
    return $txt
}
proc wappInt-enc-url {s} {
    if {[regsub -all {[^-{}@~?=#_./a-zA-Z0-9]} $s {[wappInt-%HHchar {&}] s}} {
        set s [subst -novar -noback $s]
    }
    if {[regsub -all {[{}]} $s {[wappInt-%HHchar \&}] s}} {
        set s [subst -novar -noback $s]
    }
    return $s
}
proc wappInt-enc-qp {s} {

```

```

if {[regsub -all {[^-_a-zA-Z0-9]} $s {[wappInt-%HHchar {&}] s}} {
    set s [subst -novar -noback $s]
}
if {[regsub -all [{}]} $s {[wappInt-%HHchar \&}] s}} {
    set s [subst -novar -noback $s]
}
return $s
}
proc wappInt-enc-string {s} {
    return [string map {\ \ \ \ \ " \ \ \ \ ' \ \ < \u003c} $s]
}

# This is a helper routine for wappInt-enc-url and wappInt-enc-qp. It returns
# an appropriate %HH encoding for the single character c. If c is a unicode
# character, then this routine might return multiple bytes: %HH%HH%HH
#
proc wappInt-%HHchar {c} {
    if {$c==" "} {return +}
    return [regsub -all .. [binary encode hex [encoding convertto utf-8 $c]] {%&}]
}

# Undo the www-url-encoded format.
#
# HT: This code stolen from ncgi.tcl
#
proc wappInt-decode-url {str} {
    set str [string map [list + { } "\ " "\ \ \ \ " \ \ \ \ [ \ \ \ \ ]] $str]
    regsub -all -- \
        {%([Ee][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])} \
        $str {[encoding convertfrom utf-8 [binary decode hex \1\2\3]]} str
    regsub -all -- \
        {%([CDcd][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])} \
        $str {[encoding convertfrom utf-8 [binary decode hex \1\2]]} str
    regsub -all -- {%([0-7][A-Fa-f0-9])} $str {\u00\1} str
    return [subst -novar $str]
}

# Reset the document back to an empty string.
#
proc wapp-reset {} {
    global wapp
    dict set wapp .reply {}
}

# Change the mime-type of the result document.
#
proc wapp-mimetype {x} {

```

```

global wapp
dict set wapp .mimetype $x
}

# Change the reply code.
#
proc wapp-reply-code {x} {
    global wapp
    dict set wapp .reply-code $x
}

# Set a cookie
#
proc wapp-set-cookie {name value} {
    global wapp
    dict lappend wapp .new-cookies $name $value
}

# Unset a cookie
#
proc wapp-clear-cookie {name} {
    wapp-set-cookie $name {}
}

# Add extra entries to the reply header
#
proc wapp-reply-extra {name value} {
    global wapp
    dict lappend wapp .reply-extra $name $value
}

# Specifies how the web-page under construction should be cached.
# The argument should be one of:
#
# no-cache
# max-age=N          (for some integer number of seconds, N)
# private,max-age=N
#
proc wapp-cache-control {x} {
    wapp-reply-extra Cache-Control $x
}

# Redirect to a different web page
#
proc wapp-redirect {uri} {
    wapp-reply-code {307 Redirect}
    wapp-reply-extra Location $uri
}

```

```

# Return the value of a wapp parameter
#
proc wapp-param { name {dflt {}} } {
  global wapp
  if {![dict exists $wapp $name]} {return $dflt}
  return [dict get $wapp $name]
}

# Return true if a and only if the wapp parameter $name exists
#
proc wapp-param-exists {name} {
  global wapp
  return [dict exists $wapp $name]
}

# Set the value of a wapp parameter
#
proc wapp-set-param {name value} {
  global wapp
  dict set wapp $name $value
}

# Return all parameter names that match the GLOB pattern, or all
# names if the GLOB pattern is omitted.
#
proc wapp-param-list {{glob {*}}} {
  global wapp
  return [dict keys $wapp $glob]
}

# By default, Wapp does not decode query parameters and POST parameters
# for cross-origin requests. This is a security restriction, designed to
# help prevent cross-site request forgery (CSRF) attacks.
#
# As a consequence of this restriction, URLs for sites generated by Wapp
# that contain query parameters will not work as URLs found in other
# websites. You cannot create a link from a second website into a Wapp
# website if the link contains query planner, by default.
#
# Of course, it is sometimes desirable to allow query parameters on external
# links. For URLs for which this is safe, the application should invoke
# wapp-allow-xorigin-params. This procedure tells Wapp that it is safe to
# go ahead and decode the query parameters even for cross-site requests.
#
# In other words, for Wapp security is the default setting. Individual pages
# need to actively disable the cross-site request security if those pages
# are safe for cross-site access.

```



```

#
proc wapp-allow-xorigin-params { } {
    global wapp
    if {![dict exists $wapp .qp] && ![dict get $wapp SAME_ORIGIN]} {
        wappInt-decode-query-params
    }
}

# Set the content-security-policy.
#
# The default content-security-policy is very strict: "default-src 'self'"
# The default policy prohibits the use of in-line javascript or CSS.
#
# Provide an alternative CSP as the argument. Or use "off" to disable
# the CSP completely.
#
proc wapp-content-security-policy {val} {
    global wapp
    if {$val=="off"} {
        dict unset wapp .csp
    } else {
        dict set wapp .csp $val
    }
}

# Examine the bodys of all procedures in this program looking for
# unsafe calls to various Wapp interfaces. Return a text string
# containing warnings. Return an empty string if all is ok.
#
# This routine is advisory only. It misses some constructs that are
# dangerous and flags others that are safe.
#
proc wapp-safety-check { } {
    set res {}
    foreach p [info procs] {
        set ln 0
        foreach x [split [info body $p] \n] {
            incr ln
            if {[regexp {^[ \t]*wapp[ \t]+([\n]+)} $x all tail]
                && [string index $tail 0]!="\173"
                && [regexp {[[\]]} $tail]} {
                append res "$p:$ln: unsafe \"wapp\" call: \"[string trim $x]\"\n"
            }
            if {[regexp {^[ \t]*wapp-(subst(trim)[ \t]+[^\173]} $x all cx]} {
                append res "$p:$ln: unsafe \"wapp-$cx\" call: \"[string trim $x]\"\n"
            }
        }
    }
}

```

```

}
return $res
}

# Return a string that describes the current environment. Applications
# might find this useful for debugging.
#
proc wapp-debug-env {} {
    global wapp
    set out {}
    foreach var [lsort [dict keys $wapp]] {
        if {[string index $var 0]=="."} continue
        append out "$var = [list [dict get $wapp $var]]\n"
    }
    append out "\[pwd\] = [list [pwd]]\n"
    return $out
}

# Tracing function for each HTTP request. This is overridden by wapp-start
# if tracing is enabled.
#
proc wappInt-trace {} {}

# Start up a listening socket. Arrange to invoke wappInt-new-connection
# for each inbound HTTP connection.
#
# port      Listen on this TCP port. 0 means to select a port
#           that is not currently in use
#
# wappmode  One of "scgi", "server", or "local".
#
proc wappInt-start-listener {port wappmode} {
    if {$wappmode=="scgi"} {
        set type SCGI
        set server [list wappInt-new-connection wappInt-scgi-readable $wappmode]
    } else {
        set type HTTP
        set server [list wappInt-new-connection wappInt-http-readable $wappmode]
    }
    if {$wappmode=="local"} {
        set x [socket -server $server -myaddr 127.0.0.1 $port]
    } else {
        set x [socket -server $server $port]
    }
    set coninfo [chan configure $x -sockname]
    set port [lindex $coninfo 2]
    if {$wappmode=="local"} {
        wappInt-start-browser http://127.0.0.1:$port/
    }
}

```

```

} else {
    puts "Listening for $type requests on TCP port $port"
}
}

# Start a web-browser and point it at $URL
#
proc wappInt-start-browser {url} {
    global tcl_platform
    if {$tcl_platform(platform)=="windows"} {
        exec cmd /c start $url &
    } elseif {$tcl_platform(os)=="Darwin"} {
        exec open $url &
    } elseif {[catch {exec xdg-open $url}]} {
        exec firefox $url &
    }
}

# This routine is a "socket -server" callback. The $chan, $ip, and $port
# arguments are added by the socket command.
#
# Arrange to invoke $callback when content is available on the new socket.
# The $callback will process inbound HTTP or SCGI content.
#
proc wappInt-new-connection {callback wappmode chan ip port} {
    upvar #0 wappInt-$chan W
    set W [dict create REMOTE_ADDR $ip REMOTE_PORT $port WAPP_MODE $wappmode \
        .header {}]
    fconfigure $chan -blocking 0 -translation binary
    fileevent $chan readable [list $callback $chan]
}

# Close an input channel
#
proc wappInt-close-channel {chan} {
    if {$chan=="stdout"} {
        # This happens after completing a CGI request
        exit 0
    } else {
        unset ::wappInt-$chan
        close $chan
    }
}

# Process new text received on an inbound HTTP request
#
proc wappInt-http-readable {chan} {
    if {[catch [list wappInt-http-readable-unsafe $chan] msg]} {

```

```

puts stderr "$msg\n$::errorInfo"
wappInt-close-channel $chan
}
}
proc wappInt-http-readable-unsafe {chan} {
upvar #0 wappInt-$chan W wapp wapp
if {[dict exists $W .toread]} {
# If the .toread key is not set, that means we are still reading
# the header
set line [string trimright [gets $chan]]
set n [string length $line]
if {$n>0} {
if {[dict get $W .header]=="" || [regexp {^\s+} $line]} {
dict append W .header $line
} else {
dict append W .header \n$line
}
}
if {[string length [dict get $W .header]]>100000} {
error "HTTP request header too big - possible DOS attack"
}
} elseif {$n==0} {
# We have reached the blank line that terminates the header.
global argv0
set a0 [file normalize $argv0]
dict set W SCRIPT_FILENAME $a0
dict set W DOCUMENT_ROOT [file dir $a0]
if {[wappInt-parse-header $chan]} {
catch {close $chan}
return
}
set len 0
if {[dict exists $W CONTENT_LENGTH]} {
set len [dict get $W CONTENT_LENGTH]
}
if {$len>0} {
# Still need to read the query content
dict set W .toread $len
} else {
# There is no query content, so handle the request immediately
set wapp $W
wappInt-handle-request $chan 0
}
}
} else {
# If .toread is set, that means we are reading the query content.
# Continue reading until .toread reaches zero.
set got [read $chan [dict get $W .toread]]
dict append W CONTENT $got
}
}
}

```

```

dict set W .toread [expr {[dict get $W .toread]-[string length $got]]}
if {[dict get $W .toread]<=0} {
    # Handle the request as soon as all the query content is received
    set wapp $W
    wappInt-handle-request $chan 0
}
}
}

# Decode the HTTP request header.
#
# This routine is always running inside of a [catch], so if
# any problems arise, simply raise an error.
#
proc wappInt-parse-header {chan} {
    upvar #0 wappInt-$chan W
    set hdr [split [dict get $W .header] \n]
    if {$hdr==""} {return 1}
    set req [lindex $hdr 0]
    dict set W REQUEST_METHOD [set method [lindex $req 0]]
    if {[lsearch {GET HEAD POST} $method]<0} {
        error "unsupported request method: \"[dict get $W REQUEST_METHOD]\""
    }
    set uri [lindex $req 1]
    set split_uri [split $uri ?]
    set uri0 [lindex $split_uri 0]
    if {![regexp {^[-.a-z0-9_/*$] $uri0}] {
        error "invalid request uri: \"$uri0\""
    }
    dict set W REQUEST_URI $uri0
    dict set W PATH_INFO $uri0
    set uri1 [lindex $split_uri 1]
    dict set W QUERY_STRING $uri1
    set n [llength $hdr]
    for {set i 1} {$i<$n} {incr i} {
        set x [lindex $hdr $i]
        if {![regexp {^(.+):+(.*)$} $x all name value]} {
            error "invalid header line: \"$x\""
        }
        set name [string toupper $name]
        switch -- $name {
            REFERER {set name HTTP_REFERER}
            USER-AGENT {set name HTTP_USER_AGENT}
            CONTENT-LENGTH {set name CONTENT_LENGTH}
            CONTENT-TYPE {set name CONTENT_TYPE}
            HOST {set name HTTP_HOST}
            COOKIE {set name HTTP_COOKIE}
            ACCEPT-ENCODING {set name HTTP_ACCEPT_ENCODING}
        }
    }
}

```

```

    default {set name .hdr:$name}
  }
  dict set W $name $value
}
return 0
}

# Decode the QUERY_STRING parameters from a GET request or the
# application/x-www-form-urlencoded CONTENT from a POST request.
#
# This routine sets the ".qp" element of the ::wapp dict as a signal
# that query parameters have already been decoded.
#
proc wappInt-decode-query-params {} {
  global wapp
  dict set wapp .qp 1
  if {[dict exists $wapp QUERY_STRING]} {
    foreach qterm [split [dict get $wapp QUERY_STRING] &] {
      set qsplit [split $qterm =]
      set nm [lindex $qsplit 0]
      if {[regexp {[a-z][a-z0-9]*}$ $nm]} {
        dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
      }
    }
  }
}

if {[dict exists $wapp CONTENT_TYPE] && [dict exists $wapp CONTENT]} {
  set ctype [dict get $wapp CONTENT_TYPE]
  if {$ctype=="application/x-www-form-urlencoded"} {
    foreach qterm [split [string trim [dict get $wapp CONTENT]] &] {
      set qsplit [split $qterm =]
      set nm [lindex $qsplit 0]
      if {[regexp {[a-z][a-z0-9_]*}$ $nm]} {
        dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
      }
    }
  }
} elseif {[string match multipart/form-data* $ctype]} {
  regexp {^(.*?)\r\n(.*?)$} [dict get $wapp CONTENT] all divider body
  set ndiv [string length $divider]
  while {[string length $body]} {
    set idx [string first $divider $body]
    set unit [string range $body 0 [expr {$idx-3}]]
    set body [string range $body [expr {$idx+$ndiv+2}] end]
    if {[regexp {^Content-Disposition: form-data; (.*?)\r\n\r\n(.*?)$} \
      $unit unit hdr content] &&
      [regexp {name="(.*?)"; filename="(.*?)"\r\nContent-Type: (.*?)$} \
      $hdr hr name filename mimetype]} {
      dict set wapp $name.filename \
        [string map [list \\/ \\\\ \\\] $filename]
    }
  }
}

```

```

    dict set wapp $name.mimetype $mimetype
    dict set wapp $name.content $content
  }
}
}
}

# Invoke application-supplied methods to generate a reply to
# a single HTTP request.
#
# This routine always runs within [catch], so handle exceptions by
# invoking [error].
#
proc wappInt-handle-request {chan useCgi} {
  global wapp
  dict set wapp .reply {}
  dict set wapp .mimetype {text/html; charset=utf-8}
  dict set wapp .reply-code {200 Ok}
  dict set wapp .csp {default-src 'self'}

  # Set up additional CGI environment values
  #
  if {[dict exists $wapp HTTP_HOST]} {
    dict set wapp BASE_URL {}
  } elseif {[dict exists $wapp HTTPS]} {
    dict set wapp BASE_URL https://[dict get $wapp HTTP_HOST]
  } else {
    dict set wapp BASE_URL http://[dict get $wapp HTTP_HOST]
  }
  if {[dict exists $wapp REQUEST_URI]} {
    dict set wapp REQUEST_URI /
  } elseif {[regsub {\?.*} [dict get $wapp REQUEST_URI] {} newR]} {
    # Some servers (ex: nginx) append the query parameters to REQUEST_URI.
    # These need to be stripped off
    dict set wapp REQUEST_URI $newR
  }
  if {[dict exists $wapp SCRIPT_NAME]} {
    dict append wapp BASE_URL [dict get $wapp SCRIPT_NAME]
  } else {
    dict set wapp SCRIPT_NAME {}
  }
  if {[dict exists $wapp PATH_INFO]} {
    # If PATH_INFO is missing (ex: nginx) the construct it
    set URI [dict get $wapp REQUEST_URI]
    set skip [string length [dict get $wapp SCRIPT_NAME]]
    dict set wapp PATH_INFO [string range $URI $skip end]
  }
}

```

```

if {[regexp {^/([\^/]+)(.*)$} [dict get $wapp PATH_INFO] all head tail]} {
    dict set wapp PATH_HEAD $head
    dict set wapp PATH_TAIL [string trimleft $tail /]
} else {
    dict set wapp PATH_INFO {}
    dict set wapp PATH_HEAD {}
    dict set wapp PATH_TAIL {}
}
dict set wapp SELF_URL [dict get $wapp BASE_URL]/[dict get $wapp PATH_HEAD]

# Parse query parameters from the query string, the cookies, and
# POST data
#
if {[dict exists $wapp HTTP_COOKIE]} {
    foreach qterm [split [dict get $wapp HTTP_COOKIE] {;}] {
        set qsplit [split [string trim $qterm] =]
        set nm [lindex $qsplit 0]
        if {[regexp {[a-z][-a-z0-9_]*$} $nm]} {
            dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
        }
    }
}
set same_origin 0
if {[dict exists $wapp HTTP_REFERER]} {
    set referer [dict get $wapp HTTP_REFERER]
    set base [dict get $wapp BASE_URL]
    if {$referer==$base || [string match $base/* $referer]} {
        set same_origin 1
    }
}
dict set wapp SAME_ORIGIN $same_origin
if {$same_origin} {
    wappInt-decode-query-params
}

# Invoke the application-defined handler procedure for this page
# request. If an error occurs while running that procedure, generate
# an HTTP reply that contains the error message.
#
wapp-before-dispatch-hook
wappInt-trace
set mname [dict get $wapp PATH_HEAD]
if {[catch {
    if {$mname!="" && [llength [info proc wapp-page-$mname]]>0} {
        wapp-page-$mname
    } else {
        wapp-default
    }
}]}

```



```

} msg] {
  if {[wapp-param WAPP_MODE]=="local" || [wapp-param WAPP_MODE]=="server"} {
    puts "ERROR: $::errorInfo"
  }
  wapp-reset
  wapp-reply-code "500 Internal Server Error"
  wapp-mimetype text/html
  wapp-trim {
    <h1>Wapp Application Error</h1>
    <pre>%html($::errorInfo)</pre>
  }
  dict unset wapp .new-cookies
}

```

```
# Transmit the HTTP reply
```

```
#
```

```

if {$chan=="stdout"} {
  puts $chan "Status: [dict get $wapp .reply-code]\r"
} else {
  puts $chan "HTTP/1.1 [dict get $wapp .reply-code]\r"
  puts $chan "Server: wapp\r"
  puts $chan "Connection: close\r"
}
if {[dict exists $wapp .reply-extra]} {
  foreach {name value} [dict get $wapp .reply-extra] {
    puts $chan "$name: $value\r"
  }
}
if {[dict exists $wapp .csp]} {
  puts $chan "Content-Security-Policy: [dict get $wapp .csp]\r"
}
set mimetype [dict get $wapp .mimetype]
puts $chan "Content-Type: $mimetype\r"
if {[dict exists $wapp .new-cookies]} {
  foreach {nm val} [dict get $wapp .new-cookies] {
    if {[regexp {[a-z][-a-z0-9_]*$} $nm]} {
      if {$val==""} {
        puts $chan "Set-Cookie: $nm=; HttpOnly; Path=/; Max-Age=1\r"
      } else {
        set val [wappInt-enc-url $val]
        puts $chan "Set-Cookie: $nm=$val; HttpOnly; Path=\r"
      }
    }
  }
}
if {[string match text/* $mimetype]} {
  set reply [encoding convertto utf-8 [dict get $wapp .reply]]
  if {[regexp {\ygzip\y} [wapp-param HTTP_ACCEPT_ENCODING]]} {

```

```

catch {
    set x [zlib gzip $reply]
    set reply $x
    puts $chan "Content-Encoding: gzip\r"
}
}
} else {
    set reply [dict get $wapp .reply]
}
puts $chan "Content-Length: [string length $reply]\r"
puts $chan \r
puts $chan $reply
flush $chan
wappInt-close-channel $chan
}

# This routine runs just prior to request-handler dispatch. The
# default implementation is a no-op, but applications can override
# to do additional transformations or checks.
#
proc wapp-before-dispatch-hook {} {return}

# Process a single CGI request
#
proc wappInt-handle-cgi-request {} {
    global wapp env
    foreach key {
        CONTENT_LENGTH
        CONTENT_TYPE
        DOCUMENT_ROOT
        HTTP_ACCEPT_ENCODING
        HTTP_COOKIE
        HTTP_HOST
        HTTP_REFERER
        HTTP_USER_AGENT
        HTTPS
        PATH_INFO
        QUERY_STRING
        REMOTE_ADDR
        REQUEST_METHOD
        REQUEST_URI
        REMOTE_USER
        SCRIPT_FILENAME
        SCRIPT_NAME
        SERVER_NAME
        SERVER_PORT
        SERVER_PROTOCOL
    } {

```

```

if {[info exists env($key)]} {
    dict set wapp $key $env($key)
}
}
set len 0
if {[dict exists $wapp CONTENT_LENGTH]} {
    set len [dict get $wapp CONTENT_LENGTH]
}
if {$len>0} {
    fconfigure stdin -translation binary
    dict set wapp CONTENT [read stdin $len]
}
dict set wapp WAPP_MODE cgi
fconfigure stdout -translation binary
wappInt-handle-request stdout 1
}

# Process new text received on an inbound SCGI request
#
proc wappInt-scgi-readable {chan} {
    if {[catch [list wappInt-scgi-readable-unsafe $chan] msg]} {
        puts stderr "$msg\n$::errorInfo"
        wappInt-close-channel $chan
    }
}
proc wappInt-scgi-readable-unsafe {chan} {
    upvar #0 wappInt-$chan W wapp wapp
    if {![dict exists $W .toread]} {
        # If the .toread key is not set, that means we are still reading
        # the header.
        #
        # An SGI header is short. This implementation assumes the entire
        # header is available all at once.
        #
        set req [read $chan 15]
        set n [string length $req]
        scan $req %d:%s len hdr
        incr len [string length "$len:."]
        append hdr [read $chan [expr {$len-15}]]
        foreach {nm val} [split $hdr \000] {
            if {$nm=="."} break
            dict set W $nm $val
        }
        set len 0
        if {[dict exists $W CONTENT_LENGTH]} {
            set len [dict get $W CONTENT_LENGTH]
        }
        if {$len>0} {

```

```

# Still need to read the query content
dict set W .toread $len
} else {
# There is no query content, so handle the request immediately
set wapp $W
wappInt-handle-request $chan 0
}
} else {
# If .toread is set, that means we are reading the query content.
# Continue reading until .toread reaches zero.
set got [read $chan [dict get $W .toread]]
dict append W CONTENT $got
dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
if {[dict get $W .toread]<=0} {
# Handle the request as soon as all the query content is received
set wapp $W
wappInt-handle-request $chan 0
}
}
}

# Start up the wapp framework. Parameters are a list passed as the
# single argument.
#
# -server $PORT Listen for HTTP requests on this TCP port $PORT
#
# -local $PORT Listen for HTTP requests on 127.0.0.1:$PORT
#
# -scgi $PORT Listen for SCGI requests on TCP port $PORT
#
# -cgi Handle a single CGI request
#
# With no arguments, the behavior is called "auto". In "auto" mode,
# if the GATEWAY_INTERFACE environment variable indicates CGI, then run
# as CGI. Otherwise, start an HTTP server bound to the loopback address
# only, on an arbitrary TCP port, and automatically launch a web browser
# on that TCP port.
#
# Additional options:
#
# -trace "puts" each request URL as it is handled, for
# debugging
#
# -lint Run wapp-safety-check on the application instead
# of running the application itself
#
# -Dvar=value Set TCL global variable "var" to "value"
#

```

```

#
proc wapp-start {arglist} {
  global env
  set mode auto
  set port 0
  set n [llength $arglist]
  for {set i 0} {$i<$n} {incr i} {
    set term [lindex $arglist $i]
    if {[string match --* $term]} {set term [string range $term 1 end]}
    switch -glob -- $term {
      -server {
        incr i;
        set mode "server"
        set port [lindex $arglist $i]
      }
      -local {
        incr i;
        set mode "local"
        set port [lindex $arglist $i]
      }
      -scgi {
        incr i;
        set mode "scgi"
        set port [lindex $arglist $i]
      }
      -cgi {
        set mode "cgi"
      }
      -trace {
        proc wappInt-trace {} {
          set q [wapp-param QUERY_STRING]
          set uri [wapp-param BASE_URL][wapp-param PATH_INFO]
          if {$q!=""} {append uri ?$q}
          puts $uri
        }
      }
      -lint {
        set res [wapp-safety-check]
        if {$res!=""} {
          puts "Potential problems in this code:"
          puts $res
          exit 1
        } else {
          exit
        }
      }
      -D*=* {
        if {[regexp {^D([^\=]+)=(.*)$} $term all var val]} {

```

```

        set ::$var $val
    }
}
default {
    error "unknown option: $term"
}
}
}
if {($mode=="auto"
    && [info exists env(GATEWAY_INTERFACE)]
    && [string match CGI/1.* $env(GATEWAY_INTERFACE)])
    || $mode=="cgi"
} {
    wappInt-handle-cgi-request
    return
}
if {$mode=="scgi"} {
    wappInt-start-listener $port scgi
} elseif {$mode=="server"} {
    wappInt-start-listener $port server
} else {
    wappInt-start-listener $port local
}
vwait ::forever
}

# Call this version 1.0
package provide wapp 1.0

#### End of wapp.tcl

# Generate all header content for the output document
#
proc search_header {} {
    wapp-trim {
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd">
<html><head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<link href="sqlite.css" rel="stylesheet">
<title>Search SQLite Documentation</title>
<!-- path= -->
</head>
<body>
<div class=nosearch>
<a href="index.html">

</a>

```

```

<div><!-- IE hack to prevent disappearing logo --></div>
<div class="tagline desktoponly">
Small. Fast. Reliable.<br>Choose any three.
</div>
<div class="menu mainmenu">
<ul>
<li><a href="index.html">Home</a>
<li class='mobileonly'><a href="javascript:void(0)" onclick='toggle_div("submenu")'>Menu</a>
<li class='wideonly'><a href='about.html'>About</a>
<li class='desktoponly'><a href="docs.html">Documentation</a>
<li class='desktoponly'><a href="download.html">Download</a>
<li class='wideonly'><a href='copyright.html'>License</a>
<li class='desktoponly'><a href="support.html">Support</a>
<li class='desktoponly'><a href="prosupport.html">Purchase</a>
<li class='search' id='search_menubutton'>
<a href="javascript:void(0)" onclick='toggle_search()'>Search</a>
</li>
</ul>
</div>
<div class="menu submenu" id="submenu">
<ul>
<li><a href='about.html'>About</a>
<li><a href='docs.html'>Documentation</a>
<li><a href='download.html'>Download</a>
<li><a href='support.html'>Support</a>
<li><a href='prosupport.html'>Purchase</a>
</ul>
</div>
<div class="searchmenu" id="searchmenu">
<form method="GET" action="search">
<select name="s" id="searchtype">
<option value="d">Search Documentation</option>
<option value="c">Search Changelog</option>
</select>
<input type="text" name="q" id="searchbox" value="">
<input type="submit" value="Go">
</form>
</div>
</div>
<script>
function toggle_div(nm) {
var w = document.getElementById(nm);
if( w.style.display=="block" ){
w.style.display = "none";
}else{
w.style.display = "block";
}
}
function toggle_search() {

```

```

var w = document.getElementById("searchmenu");
if( w.style.display=="block" ){
w.style.display = "none";
} else {
w.style.display = "block";
setTimeout(function(){
document.getElementById("searchbox").focus()
}, 30);
}
}
function div_off(nm){ document.getElementById(nm).style.display="none";}
window.onbeforeunload = function(e){ div_off("submenu");}
/* Disable the Search feature if we are not operating from CGI, since */
/* Search is accomplished using CGI and will not work without it. */
if( !location.origin.match || !location.origin.match(/http/) ){
document.getElementById("search_menubutton").style.display = "none";
}
/* Used by the Hide/Show button beside syntax diagrams, to toggle the */
function hideorshow(btn,obj){
var x = document.getElementById(obj);
var b = document.getElementById(btn);
if( x.style.display!='none' ){
x.style.display = 'none';
b.innerHTML='show';
}else{
x.style.display = "";
b.innerHTML='hide';
}
return false;
}
</script>
</div>
}
}

#-----
# Add an entry to the log database for the current query. Which
# returns $nRes results.
#
proc search_add_log_entry {nRes} {
if {[wapp-param-exists donotlog]} return
sqlite3 db2 [file dir [wapp-param SCRIPT_FILENAME]]/search.d/searchlog.db
db2 timeout 10000
set ip [wapp-param REMOTE_ADDR]
set query [wapp-param q]
db2 eval {
PRAGMA synchronous=OFF;
PRAGMA journal_mode=OFF;

```



```

BEGIN;
CREATE TABLE IF NOT EXISTS log(
  ip,          -- IP query was made from
  query,      -- Fts5 query string
  nres,       -- Number of results
  timestamp DEFAULT CURRENT_TIMESTAMP
);
INSERT INTO log(ip, query, nres) VALUES($ip, $query, $nRes);
COMMIT;
}
db2 close
}

#-----
# This command is similar to the builtin Tcl [time] command, except that
# it only ever runs the supplied script once. Also, instead of returning
# a string like "xxx microseconds per iteration", it returns "x.yy ms" or
# "x.yy s", depending on the magnitude of the time spent running the
# command. For example:
#
# % ttime {after 1500}
# 1.50 s
# % ttime {after 45}
# 45.02 ms
#
proc ttime {script} {
  set t [lindex [time [list uplevel $script]] 0]
  if {$t>1000000} { return [format "%.2f s" [expr {$t/1000000.0}]] }
  return [format "%.2f ms" [expr {$t/1000.0}]]
}

#-----
# Do a search of the change log
#
proc searchchanges {} {
  set q [wapp-param q]
  if {$q==""} {return {}}
  set open {<span style="background-color:#d9f2e6">}
  set close {</span>}
  set query {
    SELECT url, version, idx, highlight(change, 3, $open, $close) AS text
    FROM change($q) ORDER BY rowid ASC
  }
  wapp-trim {
    <p>Change log entries mentioning: <b>%html($q)</b>
    <table border=0>
  }
  set s2 "style=\\"margin-top:0\\""

```

```

set s1 "style=\"font-size:larger; text-align:left\" class=nounderline"
set prev ""
db eval $query {
  if {$prev!=$version} {
    wapp-trim {
      <tr> <td %unsafe($s1) valign=top> <a href='%url($url)'>%html($version)</a>
      <td> <ul %unsafe($s2)>
    }
    set prev $version
  }
  wapp-subst {<li value=%html($idx)> (%html($idx)) %unsafe($text)\n}
}
wapp-trim {
  </table>
  <center><p>You can also see the <a href=changes.html>entire
  changelog as a single page</a> if you wish.</center>
}
}

#-----
# Do a search over all documentation other than the change log
#
proc searchresults { } {
  set q [wapp-param q]
  if {$q==""} {return ""}

  # Count the "" characters in $::A(q). If there is an odd number of
  # occurrences, add a " to the end of the query so that fts5 can parse
  # it without error.
  if {[regexp -all \x22 $q] % 2} { append q \x22 }

  # Set iStart to the index of the first result to display. Results are
  # indexed starting at zero from most to least relevant.
  #
  set iStart 0
  catch {set iStart [expr {[wapp-param i 0]*10}]}

  # Grab a list of rowid results.
  #
  set sql {
    SELECT rowid FROM page WHERE page MATCH $q
    ORDER BY srnk(page) DESC,
    rank * COALESCE(
      (SELECT percent FROM weight WHERE id=page.rowid), 100
    );
  }
  if {[catch { set lRowid [db eval $sql] }] } {
    set x ""
  }
}

```

```

foreach word [split $q " "] {
  append x "\"[string map [list "\" "\"\""] $word]\""
}
set q [string trim $x]
set lRowid [db eval $sql]
}

set lRes [list]
foreach rowid $lRowid {
  if {$rowid > 1000} {
    set parent [expr $rowid / 1000]
    lappend subsections($parent) $rowid
  } else {
    lappend lRes $rowid
  }
}

set nRes [llength $lRes]
set lRes [lrange $lRes $iStart [expr $iStart+9]]

# Add an entry to the log database.
#
search_add_log_entry $nRes

# If there are no results, return a message to that effect.
#
if {[llength $lRes] == 0} {
  wapp-subst {<p>No Results for: <b>%html($q)</b>\n}
}

# HTML markup used to highlight keywords within FTS5 generated snippets.
#
set open {<span style="background-color:#d9f2e6">}
set close {</span>}
set ellipsis {<b>&nbsp;&nbsp;&nbsp;...&nbsp;&nbsp;&nbsp;</b>}

# Grab the required data
#
db eval [string map [list %LIST% [join $lRowid ,]] {
  SELECT
    rowid AS parentid,
    snippet(page, 0, $open, $close, $ellipsis, 6) AS s_apis,
    snippet(page, 2, $open, $close, ", 40) AS s_title1,
    snippet(page, 3, $open, $close, $ellipsis, 40) AS s_title2,
    snippet(page, 4, $open, $close, $ellipsis, 40) AS s_content,
    url, rank
  FROM page($q)
  WHERE rowid IN (%LIST%)
}

```

```

}} X {
  foreach k [array names X] { set data($X(parentid),$k) [set X($k)] }
}

set i1 [expr {$iStart+1}]
set i2 [expr {($nRes < $iStart+10) ? $nRes : $iStart+10}]
wapp-trim {
  <table border=0>
  <p>Search results %html($i1)..%html($i2) of %html($nRes) for: <b>%html($q)</b>
  }

  foreach rowid $lRes {

    foreach a {parentid s_apis s_title1 s_content url rank} {
      set $a $data($rowid,$a)
    }

    if {[info exists subsections($parentid)]} {
      set childid [lindex $subsections($parentid) 0]
      set link $data($childid,url)
      set hdr $data($childid,s_title2)

      if {$hdr==""} {
        set s_content ""
      } else {
        set s_content [subst {
          <b><a style=color:#044a64 href=$link>$hdr</a></b>
        }]
      }
    }

    append s_content " $data($childid,s_content)"
  }

  wapp-trim {<tr>
  <td valign=top style="line-height:150%">
  <div style="white-space:wrap;font-size:larger" class=nounderline>
  <a href="%url($url)">%unsafe($s_title1)</a>
  <div style="float:right;font-size:smaller;color:#BBB">(%url($url))</div>
  </div>
  <div style="margin-left: 10ex; font:larger monospace">%unsafe($s_apis)</div>
  <div style="margin-left: 4ex; margin-bottom:1.5em">
  %unsafe($s_content)
  </div>
  </td>
  }
}
wapp-subst {</table>\n}

```

```

# If the query returned more than 10 results, add up to 10 links to
# each set of 10 results (first link to results 1-10, second to 11-20,
# third to 21-30, as required).
#
if {$nRes>10} {
  set s(0) {border:solid #044a64 1px;padding:1ex;margin:1ex;line-height:300%;}
  set s(1) "$s(0);background:#044a64;color:white"
  wapp-subst {<center><p>\n}
  for {set i 0} {$i < 10 && ($i*10)<$nRes} {incr i} {
    set style $s([expr {(($iStart/10)==$i)})
    wapp-trim {
      <a style="%html($style)"
        href="search?q=%qp($q)&i=%qp($i)">%html([expr $i+1])</a>
    }
  }
  wapp-subst {</center>\n}
}
}

# This is the main entry point into the search result page generator
#
proc wapp-default {} {
  wapp-content-security-policy {default-src 'self' 'unsafe-inline'}
  wapp-allow-xorigin-params
  if {[wapp-param-exists env]} {
    search_header
    wapp-trim {
      <h1>Environment Dump For Debugging</h1>
      <pre>%html([wapp-debug-env])</pre>
    }
    return
  }
}

# When running using the built-in webserver in Wapp (in other words,
# when not running as CGI) any filename that contains a "." loads
# directly from the filesystem.
if {[wapp-param WAPP_MODE]!="cgi"
  && [string match *.* [wapp-param PATH_INFO]]
} {
  set altfile [file dir [wapp-param SCRIPT_FILENAME]][wapp-param PATH_INFO]
  set fd [open $altfile rb]
  fconfigure $fd -translation binary
  wapp-unsafe [read $fd]
  close $fd
  switch -glob -- $altfile {
    *.html {
      wapp-mimetype text/html
    }
  }
}

```

```

}
*.css {
    wapp-mimetype text/css
}
*.gif {
    wapp-mimetype image/gif
}
}
return
}

search_header
sqlite3 db [file dir [wapp-param SCRIPT_FILENAME]]/search.d/search.db
set searchType [wapp-param s d]
if {$searchType=="c"} {
    set cmd searchchanges
} else {
    set cmd searchresults
}
db transaction {
    set t [ttime {$cmd}]
}
wapp-trim {
    <center>
    <p>Page generated by <a href='fts5.html'>FTS5</a> in about %html($t).
    </center>
    <script>
    window.addEventListener('load', function() {
        var w = document.getElementById("searchmenu");
        w.style.display = "block";
        w = document.getElementById("searchtype");
        w.value = "%string($searchType)"
        setTimeout(function(){
            var s = document.getElementById("searchbox");
            s.value = "%string([wapp-param q])"
            s.focus();
            s.select();
        }, 30);
    });
    </script>
}
}
wapp-start $argv

```

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/search

No license file was found, but licenses were detected in source scan.

Suppose the demo_data.boundary field holds some proprietary data description

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/rtree.html

No license file was found, but licenses were detected in source scan.

without a shared lock, other processes are free to modify the database

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/atomiccommit.html

No license file was found, but licenses were detected in source scan.

SQLite is open source, and is available in the public domain

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/books.html

No license file was found, but licenses were detected in source scan.

If N>0 then the connection is free to use more of the WAL file beyond

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/walformat.html

No license file was found, but licenses were detected in source scan.

public domain.

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/changes.html

No license file was found, but licenses were detected in source scan.

 Public domain source code

public domain and is thus free for

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/about.html

No license file was found, but licenses were detected in source scan.

access to all proprietary extensions and test suites.

access to all proprietary extensions and test suites.

public domain,>

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/prosupport.html

No license file was found, but licenses were detected in source scan.

#!/usr/bin/tclsh.docsrc

Import of wapp.tcl

Copyright (c) 2017 D. Richard Hipp

```

#
# This program is free software; you can redistribute it and/or
# modify it under the terms of the Simplified BSD License (also
# known as the "2-Clause License" or "FreeBSD License".)
#
# This program is distributed in the hope that it will be useful,
# but without any warranty; without even the implied warranty of
# merchantability or fitness for a particular purpose.
#
#-----
#
# Design rules:
#
# (1) All identifiers in the global namespace begin with "wapp"
#
# (2) Identifiers intended for internal use only begin with "wappInt"
#

# Add text to the end of the HTTP reply. No interpretation or transformation
# of the text is performed. The argument should be enclosed within {...}
#
proc wapp {txt} {
    global wapp
    dict append wapp .reply $txt
}

# Add text to the page under construction. Do no escaping on the text.
#
# Though "unsafe" in general, there are uses for this kind of thing.
# For example, if you want to return the complete, unmodified content of
# a file:
#
#     set fd [open content.html rb]
#     wapp-unsafe [read $fd]
#     close $fd
#
# You could do the same thing using ordinary "wapp" instead of "wapp-unsafe".
# The difference is that wapp-safety-check will complain about the misuse
# of "wapp", but it assumes that the person who writes "wapp-unsafe" understands
# the risks.
#
# Though occasionally necessary, the use of this interface should be minimized.
#
proc wapp-unsafe {txt} {
    global wapp
    dict append wapp .reply $txt
}

```



```

# Add text to the end of the reply under construction. The following
# substitutions are made:
#
# %html(...)      Escape text for inclusion in HTML
# %url(...)       Escape text for use as a URL
# %qp(...)        Escape text for use as a URI query parameter
# %string(...)    Escape text for use within a JSON string
# %unsafe(...)    No transformations of the text
#
# The substitutions above terminate at the first ")" character. If the
# text of the TCL string in ... contains ")" characters itself, use instead:
#
# %html%(...)%
# %url%(...)%
# %qp%(...)%
# %string%(...)%
# %unsafe%(...)%
#
# In other words, use "%(...)%" instead of "(...)" to include the TCL string
# to substitute.
#
# The %unsafe substitution should be avoided whenever possible, obviously.
# In addition to the substitutions above, the text also does backslash
# escapes.
#
proc wapp-subst {txt} {
    global wapp
    regsub -all {% (html|url|qp|string|unsafe){1,1}?(|%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt
    dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# Works like wapp-subst, but also removes whitespace from the beginning
# of lines.
#
proc wapp-trim {txt} {
    global wapp
    regsub -all {\n\s+} [string trim $txt] \n txt
    regsub -all {% (html|url|qp|string|unsafe){1,1}?(|%)\((.+)\)\2} $txt \
        {[wappInt-enc-\1 "\3"]} txt
    dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# There must be a wappInt-enc-NAME routine for each possible substitution
# in wapp-subst. Thus there are routines for "html", "url", "qp", and "unsafe".
#
# wappInt-enc-html      Escape text so that it is safe to use in the
#                        body of an HTML document.

```

```

#
# wappInt-enc-url      Escape text so that it is safe to pass as an
#                       argument to href= and src= attributes in HTML.
#
# wappInt-enc-qp      Escape text so that it is safe to use as the
#                       value of a query parameter in a URL or in
#                       post data or in a cookie.
#
# wappInt-enc-string  Escape ", ', \, and < for using inside of a
#                       javascript string literal. The < character
#                       is escaped to prevent "</script>" from causing
#                       problems in embedded javascript.
#
# wappInt-enc-unsafe  Perform no encoding at all. Unsafe.
#
proc wappInt-enc-html {txt} {
    return [string map {& &#amp;lt; &#amp;gt; \" &quot; \\ &#92;} $txt]
}
proc wappInt-enc-unsafe {txt} {
    return $txt
}
proc wappInt-enc-url {s} {
    if {[regsub -all {[^-@~?=#_./a-zA-Z0-9]} $s {[wappInt-%HHchar {&}]}} s] {
        set s [subst -novar -noback $s]
    }
    if {[regsub -all {{{}}} $s {[wappInt-%HHchar \\&]} s] {
        set s [subst -novar -noback $s]
    }
    return $s
}
proc wappInt-enc-qp {s} {
    if {[regsub -all {[^_a-zA-Z0-9]} $s {[wappInt-%HHchar {&}]}} s] {
        set s [subst -novar -noback $s]
    }
    if {[regsub -all {{{}}} $s {[wappInt-%HHchar \\&]} s] {
        set s [subst -novar -noback $s]
    }
    return $s
}
proc wappInt-enc-string {s} {
    return [string map {\\ \\\\ \" \"' '< \\u003c} $s]
}

# This is a helper routine for wappInt-enc-url and wappInt-enc-qp. It returns
# an appropriate %HH encoding for the single character c. If c is a unicode
# character, then this routine might return multiple bytes: %HH%HH%HH
#
proc wappInt-%HHchar {c} {

```

```

if {$c==" "} {return +}
return [regsub -all .. [binary encode hex [encoding convertto utf-8 $c]] {%&}]
}

# Undo the www-url-encoded format.
#
# HT: This code stolen from ncgi.tcl
#
proc wappInt-decode-url {str} {
    set str [string map [list + { } "\" "\\\\" "\\\\" \\ \\ \\ \\ \\ \\] $str]
    regsub -all -- \
        {%([Ee][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])} \
        $str {[encoding convertfrom utf-8 [binary decode hex \1\2\3]]} str
    regsub -all -- \
        {%([CDcd][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])} \
        $str {[encoding convertfrom utf-8 [binary decode hex \1\2]]} str
    regsub -all -- {%([0-7][A-Fa-f0-9])} $str {\u00\1} str
    return [subst -novar $str]
}

# Reset the document back to an empty string.
#
proc wapp-reset {} {
    global wapp
    dict set wapp .reply {}
}

# Change the mime-type of the result document.
#
proc wapp-mimetype {x} {
    global wapp
    dict set wapp .mimetype $x
}

# Change the reply code.
#
proc wapp-reply-code {x} {
    global wapp
    dict set wapp .reply-code $x
}

# Set a cookie
#
proc wapp-set-cookie {name value} {
    global wapp
    dict lappend wapp .new-cookies $name $value
}

```

```

# Unset a cookie
#
proc wapp-clear-cookie { name } {
    wapp-set-cookie $name {}
}

# Add extra entries to the reply header
#
proc wapp-reply-extra { name value } {
    global wapp
    dict lappend wapp .reply-extra $name $value
}

# Specifies how the web-page under construction should be cached.
# The argument should be one of:
#
# no-cache
# max-age=N          (for some integer number of seconds, N)
# private,max-age=N
#
proc wapp-cache-control { x } {
    wapp-reply-extra Cache-Control $x
}

# Redirect to a different web page
#
proc wapp-redirect { uri } {
    wapp-reply-code {307 Redirect}
    wapp-reply-extra Location $uri
}

# Return the value of a wapp parameter
#
proc wapp-param { name {dflt {}} } {
    global wapp
    if {![dict exists $wapp $name]} {return $dflt}
    return [dict get $wapp $name]
}

# Return true if a and only if the wapp parameter $name exists
#
proc wapp-param-exists { name } {
    global wapp
    return [dict exists $wapp $name]
}

# Set the value of a wapp parameter

```

```

#
proc wapp-set-param {name value} {
  global wapp
  dict set wapp $name $value
}

# Return all parameter names that match the GLOB pattern, or all
# names if the GLOB pattern is omitted.
#
proc wapp-param-list {{glob {*}} } {
  global wapp
  return [dict keys $wapp $glob]
}

# By default, Wapp does not decode query parameters and POST parameters
# for cross-origin requests. This is a security restriction, designed to
# help prevent cross-site request forgery (CSRF) attacks.
#
# As a consequence of this restriction, URLs for sites generated by Wapp
# that contain query parameters will not work as URLs found in other
# websites. You cannot create a link from a second website into a Wapp
# website if the link contains query planner, by default.
#
# Of course, it is sometimes desirable to allow query parameters on external
# links. For URLs for which this is safe, the application should invoke
# wapp-allow-xorigin-params. This procedure tells Wapp that it is safe to
# go ahead and decode the query parameters even for cross-site requests.
#
# In other words, for Wapp security is the default setting. Individual pages
# need to actively disable the cross-site request security if those pages
# are safe for cross-site access.
#
proc wapp-allow-xorigin-params { } {
  global wapp
  if {![dict exists $wapp .qp] && ![dict get $wapp SAME_ORIGIN]} {
    wappInt-decode-query-params
  }
}

# Set the content-security-policy.
#
# The default content-security-policy is very strict: "default-src 'self'"
# The default policy prohibits the use of in-line javascript or CSS.
#
# Provide an alternative CSP as the argument. Or use "off" to disable
# the CSP completely.
#
proc wapp-content-security-policy {val} {

```

```

global wapp
if {$val=="off"} {
    dict unset wapp .csp
} else {
    dict set wapp .csp $val
}
}

# Examine the bodys of all procedures in this program looking for
# unsafe calls to various Wapp interfaces. Return a text string
# containing warnings. Return an empty string if all is ok.
#
# This routine is advisory only. It misses some constructs that are
# dangerous and flags others that are safe.
#
proc wapp-safety-check {} {
    set res {}
    foreach p [info procs] {
        set ln 0
        foreach x [split [info body $p] \n] {
            incr ln
            if {[regexp {^[ \t]*wapp[ \t]+([^\n]+)} $x all tail]
                && [string index $tail 0]!="\173"
                && [regexp {[[!$]} $tail]
            } {
                append res "$p:$ln: unsafe \"wapp\" call: \"[string trim $x]\"\n"
            }
            if {[regexp {^[ \t]*wapp-(subst|trim)[ \t]+([^\173]+)} $x all cx]} {
                append res "$p:$ln: unsafe \"wapp-$cx\" call: \"[string trim $x]\"\n"
            }
        }
    }
    return $res
}

# Return a string that describes the current environment. Applications
# might find this useful for debugging.
#
proc wapp-debug-env {} {
    global wapp
    set out {}
    foreach var [lsort [dict keys $wapp]] {
        if {[string index $var 0]=="."} continue
        append out "$var = [list [dict get $wapp $var]]\n"
    }
    append out "[pwd] = [list [pwd]]\n"
    return $out
}
}

```

```

# Tracing function for each HTTP request. This is overridden by wapp-start
# if tracing is enabled.
#
proc wappInt-trace {} {}

# Start up a listening socket. Arrange to invoke wappInt-new-connection
# for each inbound HTTP connection.
#
# port      Listen on this TCP port. 0 means to select a port
#           that is not currently in use
#
# wappmode  One of "scgi", "server", or "local".
#
proc wappInt-start-listener {port wappmode} {
  if {$wappmode=="scgi"} {
    set type SCGI
    set server [list wappInt-new-connection wappInt-scgi-readable $wappmode]
  } else {
    set type HTTP
    set server [list wappInt-new-connection wappInt-http-readable $wappmode]
  }
  if {$wappmode=="local"} {
    set x [socket -server $server -myaddr 127.0.0.1 $port]
  } else {
    set x [socket -server $server $port]
  }
  set coninfo [chan configure $x -sockname]
  set port [lindex $coninfo 2]
  if {$wappmode=="local"} {
    wappInt-start-browser http://127.0.0.1:$port/
  } else {
    puts "Listening for $type requests on TCP port $port"
  }
}

# Start a web-browser and point it at $URL
#
proc wappInt-start-browser {url} {
  global tcl_platform
  if {$tcl_platform(platform)=="windows"} {
    exec cmd /c start $url &
  } elseif {$tcl_platform(os)=="Darwin"} {
    exec open $url &
  } elseif {[catch {exec xdg-open $url}]} {
    exec firefox $url &
  }
}

```

```

# This routine is a "socket -server" callback. The $chan, $ip, and $port
# arguments are added by the socket command.
#
# Arrange to invoke $callback when content is available on the new socket.
# The $callback will process inbound HTTP or SCGI content.
#
proc wappInt-new-connection {callback wappmode chan ip port} {
  upvar #0 wappInt-$chan W
  set W [dict create REMOTE_ADDR $ip REMOTE_PORT $port WAPP_MODE $wappmode \
    .header {}]
  fconfigure $chan -blocking 0 -translation binary
  fileevent $chan readable [list $callback $chan]
}

# Close an input channel
#
proc wappInt-close-channel {chan} {
  if {$chan=="stdout"} {
    # This happens after completing a CGI request
    exit 0
  } else {
    unset ::wappInt-$chan
    close $chan
  }
}

# Process new text received on an inbound HTTP request
#
proc wappInt-http-readable {chan} {
  if {[catch [list wappInt-http-readable-unsafe $chan] msg]} {
    puts stderr "$msg\n$::errorInfo"
    wappInt-close-channel $chan
  }
}

proc wappInt-http-readable-unsafe {chan} {
  upvar #0 wappInt-$chan W wapp wapp
  if {[dict exists $W .toread]} {
    # If the .toread key is not set, that means we are still reading
    # the header
    set line [string trimright [gets $chan]]
    set n [string length $line]
    if {$n>0} {
      if {[dict get $W .header]=="" || [regexp {^\s+} $line]} {
        dict append W .header $line
      } else {
        dict append W .header \n$line
      }
    }
  }
}

```



```

if {[string length [dict get $W .header]]>100000} {
    error "HTTP request header too big - possible DOS attack"
}
} elseif {$n==0} {
    # We have reached the blank line that terminates the header.
    global argv0
    set a0 [file normalize $argv0]
    dict set W SCRIPT_FILENAME $a0
    dict set W DOCUMENT_ROOT [file dir $a0]
    if {[wappInt-parse-header $chan]} {
        catch {close $chan}
        return
    }
    set len 0
    if {[dict exists $W CONTENT_LENGTH]} {
        set len [dict get $W CONTENT_LENGTH]
    }
    if {$len>0} {
        # Still need to read the query content
        dict set W .toread $len
    } else {
        # There is no query content, so handle the request immediately
        set wapp $W
        wappInt-handle-request $chan 0
    }
}
} else {
    # If .toread is set, that means we are reading the query content.
    # Continue reading until .toread reaches zero.
    set got [read $chan [dict get $W .toread]]
    dict append W CONTENT $got
    dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
    if {[dict get $W .toread]<=0} {
        # Handle the request as soon as all the query content is received
        set wapp $W
        wappInt-handle-request $chan 0
    }
}
}

# Decode the HTTP request header.
#
# This routine is always running inside of a [catch], so if
# any problems arise, simply raise an error.
#
proc wappInt-parse-header {chan} {
    upvar #0 wappInt-$chan W
    set hdr [split [dict get $W .header] \n]

```

```

if {$hdr==""} {return 1}
set req [lindex $hdr 0]
dict set W REQUEST_METHOD [set method [lindex $req 0]]
if {[lsearch {GET HEAD POST} $method]<0} {
    error "unsupported request method: \"[dict get $W REQUEST_METHOD]\""
}
set uri [lindex $req 1]
set split_uri [split $uri ?]
set uri0 [lindex $split_uri 0]
if {[!regexp {^[-.a-z0-9_/*$} $uri0]} {
    error "invalid request uri: \"$uri0\""
}
dict set W REQUEST_URI $uri0
dict set W PATH_INFO $uri0
set uri1 [lindex $split_uri 1]
dict set W QUERY_STRING $uri1
set n [length $hdr]
for {set i 1} {$i<$n} {incr i} {
    set x [lindex $hdr $i]
    if {[!regexp {^(.+):+(.*)$} $x all name value]} {
        error "invalid header line: \"$x\""
    }
    set name [string toupper $name]
    switch -- $name {
        REFERER {set name HTTP_REFERER}
        USER-AGENT {set name HTTP_USER_AGENT}
        CONTENT-LENGTH {set name CONTENT_LENGTH}
        CONTENT-TYPE {set name CONTENT_TYPE}
        HOST {set name HTTP_HOST}
        COOKIE {set name HTTP_COOKIE}
        ACCEPT-ENCODING {set name HTTP_ACCEPT_ENCODING}
        default {set name .hdr:$name}
    }
    dict set W $name $value
}
return 0
}

```

```

# Decode the QUERY_STRING parameters from a GET request or the
# application/x-www-form-urlencoded CONTENT from a POST request.
#

```

```

# This routine sets the ".qp" element of the ::wapp dict as a signal
# that query parameters have already been decoded.
#

```

```

proc wappInt-decode-query-params {} {
    global wapp
    dict set wapp .qp 1
    if {[dict exists $wapp QUERY_STRING]} {

```

```

foreach qterm [split [dict get $wapp QUERY_STRING] &] {
    set qsplit [split $qterm =]
    set nm [lindex $qsplit 0]
    if {[regexp {[a-z][a-z0-9]*$} $nm]} {
        dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
    }
}
}
if {[dict exists $wapp CONTENT_TYPE] && [dict exists $wapp CONTENT]} {
    set ctype [dict get $wapp CONTENT_TYPE]
    if {$ctype=="application/x-www-form-urlencoded"} {
        foreach qterm [split [string trim [dict get $wapp CONTENT]] &] {
            set qsplit [split $qterm =]
            set nm [lindex $qsplit 0]
            if {[regexp {[a-z][-a-z0-9_]*$} $nm]} {
                dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
            }
        }
    }
    } elseif {[string match multipart/form-data* $ctype]} {
        regexp {^(.*?)\r\n(.*)$} [dict get $wapp CONTENT] all divider body
        set ndiv [string length $divider]
        while {[string length $body]} {
            set idx [string first $divider $body]
            set unit [string range $body 0 [expr {$idx-3}]]
            set body [string range $body [expr {$idx+$ndiv+2}] end]
            if {[regexp {^Content-Disposition: form-data; (.*)\r\n\r\n(.*)$} \
                $unit unit hdr content] &&
                [regexp {name="(.*); filename="(.*)"\r\nContent-Type: (.*)$} \
                    $hdr hr name filename mimetype]} {
                dict set wapp $name.filename \
                    [string map [list \ \ " \ \ \ \ \ \] $filename]
                dict set wapp $name.mimetype $mimetype
                dict set wapp $name.content $content
            }
        }
    }
}
}

# Invoke application-supplied methods to generate a reply to
# a single HTTP request.
#
# This routine always runs within [catch], so handle exceptions by
# invoking [error].
#
proc wappInt-handle-request {chan useCgi} {
    global wapp
    dict set wapp .reply {}
}

```

```

dict set wapp .mimetype {text/html; charset=utf-8}
dict set wapp .reply-code {200 Ok}
dict set wapp .csp {default-src 'self'}

# Set up additional CGI environment values
#
if {[dict exists $wapp HTTP_HOST]} {
    dict set wapp BASE_URL {}
} elseif {[dict exists $wapp HTTPS]} {
    dict set wapp BASE_URL https://[dict get $wapp HTTP_HOST]
} else {
    dict set wapp BASE_URL http://[dict get $wapp HTTP_HOST]
}
if {[dict exists $wapp REQUEST_URI]} {
    dict set wapp REQUEST_URI /
} elseif {[regsub {\?.*} [dict get $wapp REQUEST_URI] {} newR]} {
    # Some servers (ex: nginx) append the query parameters to REQUEST_URI.
    # These need to be stripped off
    dict set wapp REQUEST_URI $newR
}
if {[dict exists $wapp SCRIPT_NAME]} {
    dict append wapp BASE_URL [dict get $wapp SCRIPT_NAME]
} else {
    dict set wapp SCRIPT_NAME {}
}
if {[dict exists $wapp PATH_INFO]} {
    # If PATH_INFO is missing (ex: nginx) the construct it
    set URI [dict get $wapp REQUEST_URI]
    set skip [string length [dict get $wapp SCRIPT_NAME]]
    dict set wapp PATH_INFO [string range $URI $skip end]
}
if {[regexp {^(/[^\+](.*)$} [dict get $wapp PATH_INFO] all head tail]} {
    dict set wapp PATH_HEAD $head
    dict set wapp PATH_TAIL [string trimleft $tail /]
} else {
    dict set wapp PATH_INFO {}
    dict set wapp PATH_HEAD {}
    dict set wapp PATH_TAIL {}
}
dict set wapp SELF_URL [dict get $wapp BASE_URL]/[dict get $wapp PATH_HEAD]

# Parse query parameters from the query string, the cookies, and
# POST data
#
if {[dict exists $wapp HTTP_COOKIE]} {
    foreach qterm [split [dict get $wapp HTTP_COOKIE] {;}] {
        set qsplit [split [string trim $qterm] =]
        set nm [lindex $qsplit 0]
    }
}

```

```

    if {[regexp {[a-z][-a-z0-9]*} $nm]} {
        dict set wapp $nm [wappInt-decode-url [lindex $qspllit 1]]
    }
}
set same_origin 0
if {[dict exists $wapp HTTP_REFERER]} {
    set referer [dict get $wapp HTTP_REFERER]
    set base [dict get $wapp BASE_URL]
    if {$referer==$base || [string match $base/* $referer]} {
        set same_origin 1
    }
}
dict set wapp SAME_ORIGIN $same_origin
if {$same_origin} {
    wappInt-decode-query-params
}

# Invoke the application-defined handler procedure for this page
# request.  If an error occurs while running that procedure, generate
# an HTTP reply that contains the error message.
#
wapp-before-dispatch-hook
wappInt-trace
set mname [dict get $wapp PATH_HEAD]
if {[catch {
    if {$mname!=""} && [length [info proc wapp-page-$mname]]>0} {
        wapp-page-$mname
    } else {
        wapp-default
    }
} msg]} {
    if {[wapp-param WAPP_MODE]=="local" || [wapp-param WAPP_MODE]=="server"} {
        puts "ERROR: $::errorInfo"
    }
    wapp-reset
    wapp-reply-code "500 Internal Server Error"
    wapp-mimetype text/html
    wapp-trim {
        <h1>Wapp Application Error</h1>
        <pre>%html($::errorInfo)</pre>
    }
    dict unset wapp .new-cookies
}

# Transmit the HTTP reply
#
if {$chan=="stdout"} {

```

```

    puts $chan "Status: [dict get $wapp .reply-code]\r"
  } else {
    puts $chan "HTTP/1.1 [dict get $wapp .reply-code]\r"
    puts $chan "Server: wapp\r"
    puts $chan "Connection: close\r"
  }
  if {[dict exists $wapp .reply-extra]} {
    foreach {name value} [dict get $wapp .reply-extra] {
      puts $chan "$name: $value\r"
    }
  }
  if {[dict exists $wapp .csp]} {
    puts $chan "Content-Security-Policy: [dict get $wapp .csp]\r"
  }
  set mimetype [dict get $wapp .mimetype]
  puts $chan "Content-Type: $mimetype\r"
  if {[dict exists $wapp .new-cookies]} {
    foreach {nm val} [dict get $wapp .new-cookies] {
      if {[regexp {[a-z][-a-z0-9_]*$} $nm]} {
        if {$val==""} {
          puts $chan "Set-Cookie: $nm=; HttpOnly; Path=/; Max-Age=1\r"
        } else {
          set val [wappInt-enc-url $val]
          puts $chan "Set-Cookie: $nm=$val; HttpOnly; Path=^\r"
        }
      }
    }
  }
  if {[string match text/* $mimetype]} {
    set reply [encoding convertto utf-8 [dict get $wapp .reply]]
    if {[regexp {\ygzip\y} [wapp-param HTTP_ACCEPT_ENCODING]]} {
      catch {
        set x [zlib gzip $reply]
        set reply $x
        puts $chan "Content-Encoding: gzip\r"
      }
    }
  } else {
    set reply [dict get $wapp .reply]
  }
  puts $chan "Content-Length: [string length $reply]\r"
  puts $chan \r
  puts $chan $reply
  flush $chan
  wappInt-close-channel $chan
}

```

This routine runs just prior to request-handler dispatch. The

```

# default implementation is a no-op, but applications can override
# to do additional transformations or checks.
#
proc wapp-before-dispatch-hook {} {return}

# Process a single CGI request
#
proc wappInt-handle-cgi-request {} {
  global wapp env
  foreach key {
    CONTENT_LENGTH
    CONTENT_TYPE
    DOCUMENT_ROOT
    HTTP_ACCEPT_ENCODING
    HTTP_COOKIE
    HTTP_HOST
    HTTP_REFERER
    HTTP_USER_AGENT
    HTTPS
    PATH_INFO
    QUERY_STRING
    REMOTE_ADDR
    REQUEST_METHOD
    REQUEST_URI
    REMOTE_USER
    SCRIPT_FILENAME
    SCRIPT_NAME
    SERVER_NAME
    SERVER_PORT
    SERVER_PROTOCOL
  } {
    if {[info exists env($key)]} {
      dict set wapp $key $env($key)
    }
  }
  set len 0
  if {[dict exists $wapp CONTENT_LENGTH]} {
    set len [dict get $wapp CONTENT_LENGTH]
  }
  if {$len>0} {
    fconfigure stdin -translation binary
    dict set wapp CONTENT [read stdin $len]
  }
  dict set wapp WAPP_MODE cgi
  fconfigure stdout -translation binary
  wappInt-handle-request stdout 1
}

```

```

# Process new text received on an inbound SCGI request
#
proc wappInt-scgi-readable {chan} {
  if {[catch [list wappInt-scgi-readable-unsafe $chan] msg]} {
    puts stderr "$msg\n$::errorInfo"
    wappInt-close-channel $chan
  }
}
proc wappInt-scgi-readable-unsafe {chan} {
  upvar #0 wappInt-$chan W wapp wapp
  if {![dict exists $W .toread]} {
    # If the .toread key is not set, that means we are still reading
    # the header.
    #
    # An SGI header is short. This implementation assumes the entire
    # header is available all at once.
    #
    set req [read $chan 15]
    set n [string length $req]
    scan $req %d:%s len hdr
    incr len [string length "$len:;"]
    append hdr [read $chan [expr {$len-15}]]
    foreach {nm val} [split $hdr \000] {
      if {$nm==";" } break
      dict set W $nm $val
    }
    set len 0
    if {[dict exists $W CONTENT_LENGTH]} {
      set len [dict get $W CONTENT_LENGTH]
    }
    if {$len>0} {
      # Still need to read the query content
      dict set W .toread $len
    } else {
      # There is no query content, so handle the request immediately
      set wapp $W
      wappInt-handle-request $chan 0
    }
  } else {
    # If .toread is set, that means we are reading the query content.
    # Continue reading until .toread reaches zero.
    set got [read $chan [dict get $W .toread]]
    dict append W CONTENT $got
    dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
    if {[dict get $W .toread]<=0} {
      # Handle the request as soon as all the query content is received
      set wapp $W
      wappInt-handle-request $chan 0
    }
  }
}

```



```

}
}
}

# Start up the wapp framework. Parameters are a list passed as the
# single argument.
#
# -server $PORT      Listen for HTTP requests on this TCP port $PORT
#
# -local $PORT      Listen for HTTP requests on 127.0.0.1:$PORT
#
# -scgi $PORT       Listen for SCGI requests on TCP port $PORT
#
# -cgi              Handle a single CGI request
#
# With no arguments, the behavior is called "auto". In "auto" mode,
# if the GATEWAY_INTERFACE environment variable indicates CGI, then run
# as CGI. Otherwise, start an HTTP server bound to the loopback address
# only, on an arbitrary TCP port, and automatically launch a web browser
# on that TCP port.
#
# Additional options:
#
# -trace            "puts" each request URL as it is handled, for
#                  debugging
#
# -lint            Run wapp-safety-check on the application instead
#                  of running the application itself
#
# -Dvar=value      Set TCL global variable "var" to "value"
#
#
proc wapp-start {arglist} {
    global env
    set mode auto
    set port 0
    set n [llength $arglist]
    for {set i 0} {$i<$n} {incr i} {
        set term [lindex $arglist $i]
        if {[string match --* $term]} {set term [string range $term 1 end]}
        switch -glob -- $term {
            -server {
                incr i;
                set mode "server"
                set port [lindex $arglist $i]
            }
            -local {
                incr i;

```

```

    set mode "local"
    set port [[index $arglist $i]
}
-scgi {
    incr i;
    set mode "scgi"
    set port [[index $arglist $i]
}
-cgi {
    set mode "cgi"
}
-trace {
    proc wappInt-trace {} {
        set q [wapp-param QUERY_STRING]
        set uri [wapp-param BASE_URL][wapp-param PATH_INFO]
        if {$q!=""} {append uri ?$q}
        puts $uri
    }
}
-lint {
    set res [wapp-safety-check]
    if {$res!=""} {
        puts "Potential problems in this code:"
        puts $res
        exit 1
    } else {
        exit
    }
}
-D*=* {
    if {[regexp {^\.D([^\=]+)=(.*)$} $term all var val]} {
        set ::$var $val
    }
}
default {
    error "unknown option: $term"
}
}
}
if {($mode=="auto"
    && [info exists env(GATEWAY_INTERFACE)]
    && [string match CGI/1.* $env(GATEWAY_INTERFACE)])
|| $mode=="cgi"
} {
    wappInt-handle-cgi-request
    return
}
if {$mode=="scgi"} {

```

```

    wappInt-start-listener $port scgi
} elseif {$mode=="server"} {
    wappInt-start-listener $port server
} else {
    wappInt-start-listener $port local
}
vwait ::forever
}

# Call this version 1.0
package provide wapp 1.0

#### End of wapp.tcl

# Generate all header content for the output document
#
proc search_header {} {
    wapp-trim {
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd">
<html><head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<link href="../sqlite.css" rel="stylesheet">
<title>Search SQLite Stats</title>
<!-- path=../ -->
</head>
<body>
<div class=nosearch>
<a href="../index.html">

</a>
<div><!-- IE hack to prevent disappearing logo --></div>
<div class="tagline desktoponly">
Small. Fast. Reliable.<br>Choose any three.
</div>
<div class="menu mainmenu">
<ul>
<li><a href="../index.html">Home</a>
<li class='mobileonly'><a href="javascript:void(0)" onclick='toggle_div("submenu")'>Menu</a>
<li class='wideonly'><a href='../about.html'>About</a>
<li class='desktoponly'><a href="../docs.html">Documentation</a>
<li class='desktoponly'><a href="../download.html">Download</a>
<li class='wideonly'><a href='../copyright.html'>License</a>
<li class='desktoponly'><a href="../support.html">Support</a>
<li class='desktoponly'><a href="../prosupport.html">Purchase</a>
<li class='search' id='search_menubutton'>
<a href="javascript:void(0)" onclick='toggle_search()'>Search</a>
</ul>

```

```

</div>
<div class="menu submenu" id="submenu">
<ul>
<li><a href='../about.html'>About</a>
<li><a href='../docs.html'>Documentation</a>
<li><a href='../download.html'>Download</a>
<li><a href='../support.html'>Support</a>
<li><a href='../prosupport.html'>Purchase</a>
</ul>
</div>
<div class="searchmenu" id="searchmenu">
<form method="GET" action="../search">
<select name="s" id="searchtype">
<option value="d">Search Documentation</option>
<option value="c">Search Changelog</option>
</select>
<input type="text" name="q" id="searchbox" value="">
<input type="submit" value="Go">
</form>
</div>
</div>
<script>
function toggle_div(nm) {
var w = document.getElementById(nm);
if( w.style.display=="block" ){
w.style.display = "none";
}else{
w.style.display = "block";
}
}
function toggle_search() {
var w = document.getElementById("searchmenu");
if( w.style.display=="block" ){
w.style.display = "none";
} else {
w.style.display = "block";
setTimeout(function(){
document.getElementById("searchbox").focus()
}, 30);
}
}
function div_off(nm){ document.getElementById(nm).style.display="none";}
window.onbeforeunload = function(e){div_off("submenu");}
/* Disable the Search feature if we are not operating from CGI, since */
/* Search is accomplished using CGI and will not work without it. */
if( !location.origin.match || !location.origin.match(/http/) ){
document.getElementById("search_menubutton").style.display = "none";
}
}

```

```

/* Used by the Hide/Show button beside syntax diagrams, to toggle the */
function hideorshow(btn,obj){
var x = document.getElementById(obj);
var b = document.getElementById(btn);
if( x.style.display!='none' ){
x.style.display = 'none';
b.innerHTML='show';
}else{
x.style.display = '';
b.innerHTML='hide';
}
return false;
}
</script>
</div>
}
}

```

```

proc wapp-default { } {
# When running using the built-in webserver in Wapp (in other words,
# when not running as CGI) any filename that contains a "." loads
# directly from the filesystem.
if {[wapp-param WAPP_MODE]!="cgi"}
&& [string match *.* [wapp-param PATH_INFO]]
} {
set altfile [file dir [wapp-param SCRIPT_FILENAME]]/[wapp-param PATH_INFO]
set fd [open $altfile rb]
fconfigure $fd -translation binary
wapp-unsafe [read $fd]
close $fd
switch -glob -- $altfile {
*.html {
wapp-mimetype text/html
}
*.css {
wapp-mimetype text/css
}
*.gif {
wapp-mimetype image/gif
}
}
return
}
wapp-page-admin
}
proc wapp-page-admin { } {
wapp-allow-xorigin-params
wapp-content-security-policy off

```

```

if {[wapp-param-exists env]} {
    search_header
    wapp-trim {
        <h1>Environment</h1>
        <pre>%html([wapp-debug-env])</pre>
    }
    return
}
sqlite3 db2 [file dir [wapp-param SCRIPT_FILENAME]]/searchlog.db
set where ""
set res ""

set ipfilter ""
set ipaddr [wapp-param ip]
if {$ipaddr!=""} {
    set where {WHERE ip = $ipaddr}
    set ipfilter $ipaddr
}

set checked ""
set isUnique [expr {[wapp-param unique 0]+0}]
if {$isUnique} {
    set checked "checked"
}

set limit [wapp-param limit 10]
set s10 ""
set s100 ""
set s1000 ""
if {$limit==10} {set s10 selected}
if {$limit==100} {set s100 selected}
if {$limit==1000} {set s1000 selected}

search_header
set self [wapp-param PATH_HEAD]
wapp-trim {
    <div style="margin:2em">
    <center>
    <form action='%url($self)' method='GET'>
    Results: <select name=limit onChange="this.form.submit()">
        <option %html($s10) value="10">10</option>
        <option %html($s100) value="100">100</option>
        <option %html($s1000) value="1000">1000</option>
    </select>
    IP: <input type=input name=ip value="%html($ipfilter)">
    Unique: <input
        type=checkbox name=unique value=1
        $checked

```

```

    onChange="this.form.submit()">
    <input type=submit>
</form>
</center>
</div>
<table border=1 cellpadding=10 align=center>
<tr><td><th>IP <th>Query <th> Results <th> Timestamp
}

set i 0
db2 eval "
SELECT rowid, ip, query, nres, timestamp FROM log $where
ORDER BY rowid DESC
" {

if {$sisUnique} {
  if {[info exists seen($query)]} continue
  set seen($query) 1
}

wapp-trim {
  <tr><td>%html($rowid)
    <td><a href='%url($self)?ip=%qp($ip)'\>%html($ip)</a>
    <td><a href='../search?q=%qp($query)&donotlog=1'\>%html($query)</a>
    <td>%html($nres)<td>%html($timestamp)
  }
  incr i
  if {$i >= $limit} break
}
wapp-subst {</table\n}
db2 close
}
wapp-start $argv

```

Found in path(s):

* /opt/cola/permits/1146776895_1616740027.09/0/sqlite3-3-27-2-orig-www-1-tar-xz/www/search.d/admin

1.234 events 3.3.0

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1.235 beanshell 2.0b6

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engine - the jsr223 engine, some files need to be removed (sun javax stuff)

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```

1.236 springfox-swagger-common 3.0.0

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```

* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/OperationSummaryReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/OperationNotesReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-

```

jar/springfox/documentation/swagger/readers/operation/OperationHttpMethodReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/annotations/Annotations.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/SwaggerOperationModelsProvider.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/OpenApiOperationTagsReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/SwaggerMediaTypeReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/VendorExtensionsReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/OperationNicknameIntoUniqueIdReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/SwaggerOperationTagsReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/OperationPositionReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/OperationHiddenReader.java

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* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/web/OperationsSorter.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/web/ModelRendering.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/web/UiConfigurationBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-

jar/springfox/documentation/swagger/web/DocExpansion.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/web/TagsSorter.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/web/SecurityConfigurationBuilder.java
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* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/OperationImplicitParameterReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/schema/ApiModelProperty.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/OpenApiResponseReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/web/InMemorySwaggerResourcesProvider.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/schema/ApiModelTypeNameProvider.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/ResponseHeaders.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/parameter/ApiParamParameterBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/parameter/SwaggerExpandedParameterBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/web/ApiResourceController.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/OpenApiOperationAuthReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-

jar/springfox/documentation/swagger/web/SwaggerApiListingReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/schema/ApiModelPropertyPropertyBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/OperationImplicitParametersReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/SwaggerOperationResponseClassReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/SwaggerResponseMessageReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/common/HostNameProvider.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/operation/OperationAuthReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/parameter/OpenApiParameterBuilder.java

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* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/web/UiConfiguration.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/web/SecurityConfiguration.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/web/SwaggerResource.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/common/XForwardPrefixPathAdjuster.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/parameter/Examples.java

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* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/readers/parameter/ParameterAnnotationReader.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/schema/ApiModelBuilder.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/web/SwaggerResourcesProvider.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/configuration/SwaggerCommonConfiguration.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/web/ApiKeyVehicle.java
* /opt/ws_local/PERMITS_SQL/1082519065_1597960278.73/0/springfox-swagger-common-3-0-0-sources-
jar/springfox/documentation/swagger/common/SwaggerPluginSupport.java
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1.237 react 16.11.0

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1.238 libseccomp 2.3.3-4

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1.239 commons-lang3 3.4

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1.240 commons-lang3 3.8.1

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1.241 virtual-dom 2.1.1

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1.244 safer-buffer 2.1.2

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1.245 bootstrap 4.5.2

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group: about

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1.246 browser-split 0.0.1

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1.247 react-router-redux 4.0.8

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1.248 strict-uri-encode 1.1.0

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1.249 brave-instrumentation-messaging

5.12.3

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1.250 commons-codec 1.9

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1.251 browserify-des 1.0.2

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1.253 timers-browserify 2.0.12

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1.256 mailapi 1.4.3

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1.259 jetty-jndi 9.4.29.v20200521

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The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogFactory.java

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* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogConfigurationException.java

* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Log4JLogger.java

* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogFactoryImpl.java

* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk13LumberjackLogger.java

* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/SimpleLog.java

```
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/Jdk14Logger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/LogSource.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/NoOpLog.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/impl/LogKitLogger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
jar/org/apache/commons/logging/Log.java
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* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/ResolvedAddressTypes.java

* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/HostsFileEntries.java

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* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/AddressResolverGroup.java

* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/NameResolver.java

* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/NoopAddressResolverGroup.java

* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/package-info.java

* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/SimpleNameResolver.java

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* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/AddressResolver.java
* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/InetSocketAddressResolver.java
* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/DefaultAddressResolverGroup.java
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* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/HostsFileEntriesResolver.java
* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/CompositeNameResolver.java
* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4-1-32-final-sources-2-jar/io/netty/resolver/HostsFileParser.java
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1.262 angular-ui-sortable 0.17.2

1.262.1 Available under license :

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1.263 spring-cloud-stream 3.0.6.RELEASE

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* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-
jar/org/springframework/cloud/stream/micrometer/ApplicationMetricsProperties.java
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- * /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/config/ChannelBindingAutoConfiguration.java
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* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/config/BindingsEndpointAutoConfiguration.java

* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/micrometer/MetersPublisherBinding.java

* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/annotation/StreamRetryTemplate.java

* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/micrometer/DefaultDestinationPublishingMeterRegistry.java

* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/binder/AbstractExtendedBindingProperties.java

* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/config/ListenerContainerCustomizer.java

* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/micrometer/Metric.java

* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/binder/BindingCreatedEvent.java

* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/binding/StreamListenerSetupMethodOrchestrator.java

* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/binder/RequeueCurrentMessageException.java

* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-

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* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-
jar/org/springframework/cloud/stream/binder/BinderSpecificPropertiesProvider.java
* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-
jar/org/springframework/cloud/stream/binder/PollableSource.java
* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-
jar/org/springframework/cloud/stream/config/BindingHandlerAdvise.java
* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-
jar/org/springframework/cloud/stream/micrometer/DestinationPublishingMetricsAutoConfiguration.java
* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-
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* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-
jar/org/springframework/cloud/stream/micrometer/MetricsPublisherConfig.java
* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-
jar/org/springframework/cloud/stream/binding/MessageChannelAndSourceConfigurer.java
* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-
jar/org/springframework/cloud/stream/binder/PollableMessageSource.java
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* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-
jar/org/springframework/cloud/stream/config/MessageSourceCustomizer.java
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* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-
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* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-
jar/org/springframework/cloud/stream/binder/DefaultPollableMessageSource.java

* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/converter/ApplicationJsonMessageMarshallingConverter.java
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* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/config/BindersHealthIndicatorAutoConfiguration.java

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jar/org/springframework/cloud/stream/function/PartitionAwareFunctionWrapper.java
* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-
jar/org/springframework/cloud/stream/function/StreamBridge.java
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* /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/binding/StreamListenerAnnotationBeanPostProcessor.java
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- * /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/binder/ProducerProperties.java
- * /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/binder/DirectHandler.java
- * /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/binder/ConsumerProperties.java
- * /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/binder/ExtendedConsumerProperties.java
- * /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/internal/InternalPropertyNames.java
- * /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/binding/DynamicDestinationsBindable.java
- * /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/binding/AbstractBindingTargetFactory.java
- * /opt/cola/permits/1096695203_1601878487.5/0/spring-cloud-stream-3-0-6-release-sources-jar/org/springframework/cloud/stream/binding/StreamListenerResultAdapter.java
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Version 3, 29 June 2007

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1.267 jetty-client 9.4.29.v20200521

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The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javafx.security.auth.message

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* org.eclipse.jetty.orbit:javafx.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.268 bean-validation-api 2.0.1.Final

1.268.1 Available under license :

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1.269 apache-jakarta-commons-logging 1.1

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1.270 netty-handler 4.1.32.Final

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- * /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/Java9SslUtils.java
- * /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
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- * /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/SslCompletionEvent.java
- * /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/SniCompletionEvent.java
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- * /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
- * /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/Conscrypt.java
- * /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/Java9SslEngine.java
- * /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/ocsp/package-info.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OptionalSslHandler.java

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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/traffic/TrafficCounter.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/traffic/package-info.java

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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OpenSslX509Certificate.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/SniHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/PemReader.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OpenSslSessionContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OpenSslContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OpenSslClientContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ipfilter/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/SslUtils.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/JdkSslServerContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/SslContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ipfilter/IpFilterRule.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java

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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/CipherSuiteConverter.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java

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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/JdkSslClientContext.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java

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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java

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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OpenSslEngineMap.java

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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java

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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OpenSslEngine.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/JettyNpnSslEngine.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/JdkSslContext.java

```
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-  
jar/io/netty/handler/ssl/SslProvider.java  
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-  
jar/io/netty/handler/ssl/JdkSslEngine.java  
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-  
jar/io/netty/handler/ipfilter/UniqueIpFilter.java
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jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
```

```
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-  
jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
```

```
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-  
jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
```

```
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-  
jar/io/netty/handler/ssl/OpenSslTlsv13X509ExtendedTrustManager.java
```

```
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-  
jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java
```

```
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-  
jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
```

```
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-  
jar/io/netty/handler/ssl/OpenSslPrivateKey.java
```

```
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-  
jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
```

```
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-  
jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
```

```
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-  
jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
```

```
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-  
jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
```

```
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
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jar/io/netty/handler/ssl/OpenSslSession.java

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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/DelegatingSslContext.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/flush/package-info.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/flow/package-info.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/PemPrivateKey.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OpenSslCertificateException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/PemEncoded.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/flush/FlushConsolidationHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/Java8SslUtils.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/PemValue.java

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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/ApplicationProtocolNames.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/SslContextBuilder.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/ClientAuth.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java

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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/NotSslRecordException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/timeout/WriteTimeoutException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/stream/ChunkedNioFile.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/stream/package-info.java

* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/logging/LoggingHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/timeout/IdleState.java
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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/SslHandler.java
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* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/timeout/IdleStateHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/timeout/IdleStateEvent.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/ssl/util/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-jar/io/netty/handler/stream/ChunkedWriteHandler.java

1.271 rx-netty 0.4.9

1.272 spring-plugin-metadata 2.0.0.RELEASE

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1.273 yaws 2.0.6

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1.274 angular-cdk 9.0.1

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1.275 kafka-clients 2.5.0

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1.276 snmp-4j 2.4.1

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1.282 jaxb-runtime 2.3.3

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1.283 j2objc-annotations 1.3

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- * /opt/cola/permits/1000890861_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/ReflectionSupport.java
- * /opt/cola/permits/1000890861_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/RetainedLocalRef.java
- * /opt/cola/permits/1000890861_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/Property.java
- * /opt/cola/permits/1000890861_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/LoopTranslation.java
- * /opt/cola/permits/1000890861_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/J2ObjCIncompatible.java
- * /opt/cola/permits/1000890861_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/ObjectiveCName.java

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- * /opt/cola/permits/1000890861_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/AutoreleasePool.java
- * /opt/cola/permits/1000890861_1651084689.86/0/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/WeakOuter.java

1.284 guava 20.0

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1.285 netty-codec 4.1.32.Final

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jar/io/netty/handler/codec/DatagramPacketDecoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/DateFormatter.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/DatagramPacketEncoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/CodecOutputList.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
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* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/compression/Crc32c.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/compression/JdkZlibDecoder.java
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/**  
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```

* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/CharSequenceValueConverter.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/DefaultHeadersImpl.java
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* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/HeadersUtils.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
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* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/EmptyHeaders.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
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jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
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jar/io/netty/handler/codec/compression/LzfDecoder.java
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jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/compression/Bzip2Encoder.java
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jar/io/netty/handler/codec/compression/FastLz.java
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jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/compression/Lz4Constants.java
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jar/io/netty/handler/codec/AsciiHeadersEncoder.java

* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-

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/**

* Utility class for { @link ByteBuf} that encodes and decodes to and from

* [Base64](http://en.wikipedia.org/wiki/Base64) notation.

* <p>

* The encoding and decoding algorithm in this class has been derived from

* [Robert Harder's Public Domain](http://iharder.sourceforge.net/current/java/base64/)

* Base64 Encoder/Decoder.

*/

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- * /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/compression/JZlibDecoder.java
- * /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
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- * /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/serialization/ObjectDecoder.java
- * /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/ByteToMessageCodec.java
- * /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
- * /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
- * /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/base64/Base64Decoder.java
- * /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/ReplayingDecoder.java
- * /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/serialization/ObjectEncoder.java
- * /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/serialization/CachingClassResolver.java
- * /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/bytes/package-info.java
- * /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/serialization/package-info.java
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* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
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* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
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* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
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* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
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jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/MessageToMessageDecoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-

jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/compression/ZlibEncoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/MessageToByteEncoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/base64/Base64Encoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/EncoderException.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/compression/Snappy.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/CodecException.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/compression/JZlibEncoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/string/StringEncoder.java
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```
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* under the License.  
*/  
/**  
* A decoder that splits the received {@link ByteBuf}s dynamically by the  
* value of the length field in the message. It is particularly useful when you  
* decode a binary message which has an integer header field that represents the  
* length of the message body or the whole message.  
* <p>  
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so  
* that it can decode any message with a length field, which is often seen in  
* proprietary client-server protocols. Here are some example that will give  
* you the basic idea on which option does what.*/
```

*
 * <h3>2 bytes length field at offset 0, do not strip header</h3>
 *
 * The value of the length field in this example is <tt>12 (0x0C)</tt> which
 * represents the length of "HELLO, WORLD". By default, the decoder assumes
 * that the length field represents the number of the bytes that follows the
 * length field. Therefore, it can be decoded with the simplistic parameter
 * combination.

```
* <pre>
* <b>lengthFieldOffset</b> = <b>0</b>
* <b>lengthFieldLength</b> = <b>2</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0 (= do not strip header)
```

```
* BEFORE DECODE (14 bytes)    AFTER DECODE (14 bytes)
* +-----+-----+ +-----+-----+
* | Length | Actual Content |---->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |   | 0x000C | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
```

```
* </pre>
```

* <h3>2 bytes length field at offset 0, strip header</h3>

* Because we can get the length of the content by calling
 * { @link ByteBuf#readableBytes() }, you might want to strip the length
 * field by specifying <tt>initialBytesToStrip</tt>. In this example, we
 * specified <tt>2</tt>, that is same with the length of the length field, to
 * strip the first two bytes.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
```

```
* BEFORE DECODE (14 bytes)    AFTER DECODE (12 bytes)
* +-----+-----+ +-----+
* | Length | Actual Content |---->| Actual Content |
* | 0x000C | "HELLO, WORLD" |   | "HELLO, WORLD" |
* +-----+-----+ +-----+
```

```
* </pre>
```

* <h3>2 bytes length field at offset 0, do not strip header, the length field
 * represents the length of the whole message</h3>

* In most cases, the length field represents the length of the message body
 * only, as shown in the previous examples. However, in some protocols, the
 * length field represents the length of the whole message, including the
 * message header. In such a case, we specify a non-zero

* <tt>lengthAdjustment</tt>. Because the length value in this example message
 * is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
 * as <tt>lengthAdjustment</tt> for compensation.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip = 0
*
```

* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)

```
* +-----+-----+ +-----+-----+
* | Length | Actual Content |---->| Length | Actual Content |
* | 0x000E | "HELLO, WORLD" |   | 0x000E | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
```

```
* </pre>
```

* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>

* The following message is a simple variation of the first example. An extra
 * header value is prepended to the message. <tt>lengthAdjustment</tt> is zero
 * again because the decoder always takes the length of the prepended data into
 * account during frame length calculation.

```
* <pre>
* <b>lengthFieldOffset</b> = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b> = <b>3</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0
*
```

* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)

```
* +-----+-----+-----+ +-----+-----+-----+
* | Header 1 | Length | Actual Content |---->| Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |   | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +-----+-----+-----+ +-----+-----+-----+
```

```
* </pre>
```

* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>

* This is an advanced example that shows the case where there is an extra
 * header between the length field and the message body. You have to specify a
 * positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
 * header into the frame length calculation.

```
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
```

* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)

```
* +-----+-----+-----+-----+ +-----+-----+-----+
* | Length | Header 1 | Actual Content |---->| Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" | | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+-----+
```

* </pre>

*

* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
 * strip the first header field and the length field</h3>

*

* This is a combination of all the examples above. There are the prepended
 * header before the length field and the extra header after the length field.
 * The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
 * header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero
 * <tt>initialBytesToStrip</tt> to strip the length field and the prepended
 * header from the frame. If you don't want to strip the prepended header, you
 * could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.

* <pre>

* lengthFieldOffset = 1 (= the length of HDR1)

* lengthFieldLength = 2

* lengthAdjustment = 1 (= the length of HDR2)

* initialBytesToStrip = 3 (= the length of HDR1 + LEN)

*

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)

```
* +-----+-----+-----+-----+ +-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |---->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+ +-----+-----+
```

* </pre>

*

* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
 * strip the first header field and the length field, the length field
 * represents the length of the whole message</h3>

*

* Let's give another twist to the previous example. The only difference from
 * the previous example is that the length field represents the length of the
 * whole message instead of the message body, just like the third example.
 * We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
 * Please note that we don't need to take the length of HDR2 into account
 * because the length field already includes the whole header length.

* <pre>

* lengthFieldOffset = 1

* lengthFieldLength = 2

* lengthAdjustment = -3 (= the length of HDR1 + LEN, negative)

* initialBytesToStrip = 3

*

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)

```
* +-----+-----+-----+-----+ +-----+-----+
* | HDR1 | Length | HDR2 | Actual Content |---->| HDR2 | Actual Content |
```

```
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+-----+ +-----+-----+
* </pre>
* @see LengthFieldPrepender
*/
```

Found in path(s):

```
*/opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
```

1.286 delight-nashorn-sandbox 0.1.26

1.287 angular-ui-bootstrap 2.5.6

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1.288 mawk 1.3.3 17+b3

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b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest

possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) 19yy <name of author>
```

```
This program is free software; you can redistribute it and/or modify  
it under the terms of the GNU General Public License as published by  
the Free Software Foundation; either version 2 of the License, or  
(at your option) any later version.
```

```
This program is distributed in the hope that it will be useful,  
but WITHOUT ANY WARRANTY; without even the implied warranty of  
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the  
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License  
along with this program; if not, write to the Free Software  
Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) 19yy name of author  
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program  
'Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
```

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

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Version 2, June 1991

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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide

complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free

libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) The modified work must itself be a software library.
- b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of

this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the library's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.293 adduser 3.118

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This package was first put together by Ian Murdock <imurdock@debian.org> and was maintained by Steve Phillips <sjp@cvfn.org> from sources written for the Debian Project by Ian Murdock, Ted Hajek <tedhajek@boombox.micro.umn.edu>, and Sven Rudolph <sr1@inf.tu-dresden.de>.

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1.296 json-java 20131018

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- * /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/Compressor.java
- * /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/Keep.java
- * /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/BitInputStream.java
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- * /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/PostMortem.java
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- * /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/JSONzip.java
- * /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/Huff.java
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- * /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/Property.java
- * /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/CookieList.java
- * /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/JSONTokener.java
- * /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/XML.java
- * /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/CDL.java
- * /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/XMLTokener.java
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1.297 buffer-xor 1.0.3

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1.298 berkeley-db 5.3.28+dfsg1 0.5

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* <https://github.com/eclipse-ee4j/jersey>

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1.300 spring-data-cassandra 3.0.1.RELEASE

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1.302 brave-instrumentation-httpasyncclient

5.12.3

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1.303 jackson-dataformat-yaml 2.10.1

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1.304 groovy 2.5.7

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```
/** Java 1.5 Recognizer
 *
 * Run 'java Main [-showtree] directory-full-of-java-files'
 *
 * [The -showtree option pops up a Swing frame that shows
 * the AST constructed from the parser.]
 *
 * Run 'java Main <directory full of java files>'
 *
 * Contributing authors:
 *   Jeremy Rayner   groovy@ross-rayner.com
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 *   Allan Jacobs   Allan.Jacobs@eng.sun.com
 *   Steve Messick  messick@redhills.com
 *   John Pybus     john@pybus.org
 *
 * Version 1.00 December 9, 1997 -- initial release
 * Version 1.01 December 10, 1997
 * fixed bug in octal def (0..7 not 0..8)
 * Version 1.10 August 1998 (parrt)
 * added tree construction
 * fixed definition of WS,comments for mac,pc,unix newlines
 * added unary plus
 * Version 1.11 (Nov 20, 1998)
 * Added "shutup" option to turn off last ambig warning.
 * Fixed inner class def to allow named class defs as statements
 * synchronized requires compound not simple statement
 * add [] after builtInType DOT class in primaryExpression
 * "const" is reserved but not valid..removed from modifiers
 * Version 1.12 (Feb 2, 1999)
 * Changed LITERAL_XXX to xxx in tree grammar.
 * Updated java.g to use tokens {...} now for 2.6.0 (new feature).
```

- *
 - * Version 1.13 (Apr 23, 1999)
 - * Didn't have (stat)? for else clause in tree parser.
 - * Didn't gen ASTs for interface extends. Updated tree parser too.
 - * Updated to 2.6.0.
 - * Version 1.14 (Jun 20, 1999)
 - * Allowed final/abstract on local classes.
 - * Removed local interfaces from methods
 - * Put instanceof precedence where it belongs...in relationalExpr
 - * It also had expr not type as arg; fixed it.
 - * Missing ! on SEMI in classBlock
 - * fixed: (expr) + "string" was parsed incorrectly (+ as unary plus).
 - * fixed: didn't like Object[].class in parser or tree parser
 - * Version 1.15 (Jun 26, 1999)
 - * Screwed up rule with instanceof in it. :(Fixed.
 - * Tree parser didn't like (expr).something; fixed.
 - * Allowed multiple inheritance in tree grammar. oops.
 - * Version 1.16 (August 22, 1999)
 - * Extending an interface built a wacky tree: had extra EXTENDS.
 - * Tree grammar didn't allow multiple superinterfaces.
 - * Tree grammar didn't allow empty var initializer: { }
 - * Version 1.17 (October 12, 1999)
 - * ESC lexer rule allowed 399 max not 377 max.
 - * java.tree.g didn't handle the expression of synchronized statements.
 - * Version 1.18 (August 12, 2001)
 - * Terence updated to Java 2 Version 1.3 by observing/combining work of Allan Jacobs and Steve Messick. Handles 1.3 src. Summary:
 - * o primary didn't include boolean.class kind of thing
 - * o constructor calls parsed explicitly now:
 - * see explicitConstructorInvocation
 - * o add strictfp modifier
 - * o missing objBlock after new expression in tree grammar
 - * o merged local class definition alternatives, moved after declaration
 - * o fixed problem with ClassName.super.field
 - * o reordered some alternatives to make things more efficient
 - * o long and double constants were not differentiated from int/float
 - * o whitespace rule was inefficient: matched only one char
 - * o add an examples directory with some nasty 1.3 cases
 - * o made Main.java use buffered IO and a Reader for Unicode support
 - * o supports UNICODE?
 - * Using Unicode charVocabulay makes code file big, but only in the bitsets at the end. I need to make ANTLR generate unicode bitsets more efficiently.
 - * Version 1.19 (April 25, 2002)
 - * Terence added in nice fixes by John Pybus concerning floating constants and problems with super() calls. John did a nice

- * reorg of the primary/postfix expression stuff to read better
- * and makes f.g.super() parse properly (it was METHOD_CALL not
- * a SUPER_CTOR_CALL). Also:
- *
- * o "finally" clause was a root...made it a child of "try"
- * o Added stuff for asserts too for Java 1.4, but *commented out*
- * as it is not backward compatible.
- *
- * Version 1.20 (October 27, 2002)
- *
- * Terence ended up reorging John Pybus' stuff to
- * remove some nondeterminisms and some syntactic predicates.
- * Note that the grammar is stricter now; e.g., this(...) must
- * be the first statement.
- *
- * Ternary ?: operator wasn't working as array name:
- * (isBig ? bigDigits : digits)[i];
- *
- * Checked parser/tree parser on source for
- * Resin-2.0.5, jive-2.1.1, jdk 1.3.1, Lucene, antlr 2.7.2a4,
- * and the 110k-line jGuru server source.
- *
- * Version 1.21 (October 17, 2003)
- * Fixed lots of problems including:
- * Ray Waldin: add typeDefinition to interfaceBlock in java.tree.g
- * He found a problem/fix with floating point that start with 0
- * Ray also fixed problem that (int.class) was not recognized.
- * Thorsten van Ellen noticed that \n are allowed incorrectly in strings.
- * TJP fixed CHAR_LITERAL analogously.
- *
- * Version 1.21.2 (March, 2003)
- * Changes by Matt Quail to support generics (as per JDK1.5/JSR14)
- * Notes:
- * o We only allow the "extends" keyword and not the "implements"
- * keyword, since that's what JSR14 seems to imply.
- * o Thanks to Monty Zukowski for his help on the antlr-interest
- * mail list.
- * o Thanks to Alan Eliassen for testing the grammar over his
- * Fink source base
- *
- * Version 1.22 (July, 2004)
- * Changes by Michael Studman to support Java 1.5 language extensions
- * Notes:
- * o Added support for annotations types
- * o Finished off Matt Quail's generics enhancements to support bound type arguments
- * o Added support for new for statement syntax
- * o Added support for static import syntax
- * o Added support for enum types

- * o Tested against JDK 1.5 source base and source base of jdigraph project
- * o Thanks to Matt Quail for doing the hard part by doing most of the generics work
- *
- * Version 1.22.1 (July 28, 2004)
- * Bug/omission fixes for Java 1.5 language support
- * o Fixed tree structure bug with classOrInterface - thanks to Pieter Vangorpto for spotting this
- * o Fixed bug where incorrect handling of SR and BSR tokens would cause type parameters to be recognised as type arguments.
- * o Enabled type parameters on constructors, annotations on enum constants and package definitions
- * o Fixed problems when parsing `if ((char.class.equals(c))) {}` - solution by Matt Quail at Cenqua
- *
- * Version 1.22.2 (July 28, 2004)
- * Slight refactoring of Java 1.5 language support
- * o Refactored `for/"foreach"` productions so that original literal `"for"` literal is still used but the `for` sub-clauses vary by token type
- * o Fixed bug where type parameter was not included in generic constructor's branch of AST
- *
- * Version 1.22.3 (August 26, 2004)
- * Bug fixes as identified by Michael Stahl; clean up of tabs/spaces and other refactorings
- * o Fixed `typeParameters` omission in `identPrimary` and `newStatement`
- * o Replaced GT reconciliation code with simple semantic predicate
- * o Adapted `enum/assert` keyword checking support from Michael Stahl's `java15` grammar
- * o Refactored `typeDefinition` production and field productions to reduce duplication
- *
- * Version 1.22.4 (October 21, 2004)
- * Small bux fixes
- * o Added `typeArguments` to `explicitConstructorInvocation`, e.g. `new <String>MyParameterised()`
- * o Added `typeArguments` to `postfixExpression` productions for anonymous inner class super constructor invocation, e.g. `new Outer().<String>super()`
- * o Fixed bug in array declarations identified by Geoff Roy
- *
- * Version 1.22.4.j.1
- * Changes by Jeremy Rayner to support `java2groovy` tool
- * o I have taken `java.g` for Java 1.5 from Michael Studman (1.22.4) and have made some changes to enable use by `java2groovy` tool (Jan 2007)
- *
- * Based on an original grammar released in the PUBLIC DOMAIN
- */

Found in path(s):

* `/opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/java/JavaRecognizer.java`

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* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/java/java.g

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* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/AutoImplementASTTransformation.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/AutoImplement.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/CharSequenceReader.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/ErrorCollecting.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/NumberRange.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/AnnotationCollectorMode.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/tools/ClassNodeUtils.java

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* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/apache/groovy/util/concurrentlinkedhashmap/EvictionListener.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/apache/groovy/util/concurrentlinkedhashmap/Weighers.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/apache/groovy/util/concurrentlinkedhashmap/ConcurrentLinkedHashMap.java

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* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/apache/groovy/util/concurrentlinkedhashmap/LinkedDeque.java
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* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/messages/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/io/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/time/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/security/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/typehandling/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/io/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/vmplugin/v5/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/groovy/lang/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/overview.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/wrappers/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/stmt/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/inspect/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/javac/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/grape/defaultGrapeConfig.xml
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/xml/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/syntax/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/treewalker/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/package.html
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/overviewj.html

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* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/GStringImpl.java

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```

```
# Format: one extension on each line without the leading "*."
```

```
# Listed below are default groovy source file extensions.
```

```
# NOTE: This implementation of supporting multiple file extensions is experimental and
# the exact implementation details may vary when modularization gets introduced in
# groovy 2.0. However, in terms of the behavior, this support will remain intact.
```

```
groovy
```

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* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/META-INF/groovy/org.codehaus.groovy.source.Extensions

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```
/** JSR-241 Groovy Recognizer.
```

```
*
```

```
* Run 'java Main [-showtree] directory-full-of-groovy-files'
```

```
*
```

```
* [The -showtree option pops up a Swing frame that shows
```

- * the AST constructed from the parser.]
- *
- * Contributing authors:
- * John Mitchell johnm@non.net
- * Terence Parr parrt@magelang.com
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- * Alex Popescu the.mindstorm@gmail.com
- * Martin Kempf mkempf@hsr.ch
- * Reto Kleeb rkleeb@hsr.ch
- *
- * Version 1.00 December 9, 1997 -- initial release
- * Version 1.01 December 10, 1997
- * fixed bug in octal def (0..7 not 0..8)
- * Version 1.10 August 1998 (parrt)
- * added tree construction
- * fixed definition of WS,comments for mac,pc,unix newlines
- * added unary plus
- * Version 1.11 (Nov 20, 1998)
- * Added "shutup" option to turn off last ambig warning.
- * Fixed inner class def to allow named class defs as statements
- * synchronized requires compound not simple statement
- * add [] after builtInType DOT class in primaryExpression
- * "const" is reserved but not valid..removed from modifiers
- * Version 1.12 (Feb 2, 1999)
- * Changed LITERAL_XXX to xxx in tree grammar.
- * Updated java.g to use tokens {...} now for 2.6.0 (new feature).
- *
- * Version 1.13 (Apr 23, 1999)
- * Didn't have (stat)? for else clause in tree parser.
- * Didn't gen ASTs for interface extends. Updated tree parser too.
- * Updated to 2.6.0.
- * Version 1.14 (Jun 20, 1999)
- * Allowed final/abstract on local classes.
- * Removed local interfaces from methods
- * Put instanceof precedence where it belongs...in relationalExpr
- * It also had expr not type as arg; fixed it.
- * Missing ! on SEMI in classBlock
- * fixed: (expr) + "string" was parsed incorrectly (+ as unary plus).
- * fixed: didn't like Object[].class in parser or tree parser

- * Version 1.15 (Jun 26, 1999)
 - * Screwed up rule with instanceof in it. :(Fixed.
 - * Tree parser didn't like (expr).something; fixed.
 - * Allowed multiple inheritance in tree grammar. oops.
- * Version 1.16 (August 22, 1999)
 - * Extending an interface built a wacky tree: had extra EXTENDS.
 - * Tree grammar didn't allow multiple superinterfaces.
 - * Tree grammar didn't allow empty var initializer: { }
- * Version 1.17 (October 12, 1999)
 - * ESC lexer rule allowed 399 max not 377 max.
 - * java.tree.g didn't handle the expression of synchronized statements.
- * Version 1.18 (August 12, 2001)
 - * Terence updated to Java 2 Version 1.3 by observing/combining work of Allan Jacobs and Steve Messick. Handles 1.3 src. Summary:
 - * o primary didn't include boolean.class kind of thing
 - * o constructor calls parsed explicitly now:
 - * see explicitConstructorInvocation
 - * o add strictfp modifier
 - * o missing objBlock after new expression in tree grammar
 - * o merged local class definition alternatives, moved after declaration
 - * o fixed problem with ClassName.super.field
 - * o reordered some alternatives to make things more efficient
 - * o long and double constants were not differentiated from int/float
 - * o whitespace rule was inefficient: matched only one char
 - * o add an examples directory with some nasty 1.3 cases
 - * o made Main.java use buffered IO and a Reader for Unicode support
 - * o supports UNICODE?
 - * Using Unicode charVocabulary makes code file big, but only in the bitsets at the end. I need to make ANTLR generate unicode bitsets more efficiently.
- * Version 1.19 (April 25, 2002)
 - * Terence added in nice fixes by John Pybus concerning floating constants and problems with super() calls. John did a nice reorg of the primary/postfix expression stuff to read better and makes f.g.super() parse properly (it was METHOD_CALL not a SUPER_CTOR_CALL). Also:
 - * o "finally" clause was a root...made it a child of "try"
 - * o Added stuff for asserts too for Java 1.4, but *commented out* as it is not backward compatible.
- * Version 1.20 (October 27, 2002)
 - * Terence ended up reorganizing John Pybus' stuff to remove some nondeterminisms and some syntactic predicates.
 - * Note that the grammar is stricter now; e.g., this(...) must

- * be the first statement.
- *
- * Trinary ?: operator wasn't working as array name:
- * (isBig ? bigDigits : digits)[i];
- *
- * Checked parser/tree parser on source for
- * Resin-2.0.5, jive-2.1.1, jdk 1.3.1, Lucene, antlr 2.7.2a4,
- * and the 110k-line jGuru server source.
- *
- * Version 1.21 (October 17, 2003)
- * Fixed lots of problems including:
- * Ray Waldin: add typeDefinition to interfaceBlock in java.tree.g
- * He found a problem/fix with floating point that start with 0
- * Ray also fixed problem that (int.class) was not recognized.
- * Thorsten van Ellen noticed that \n are allowed incorrectly in strings.
- * TJP fixed CHAR_LITERAL analogously.
- *
- * Version 1.21.2 (March, 2003)
- * Changes by Matt Quail to support generics (as per JDK1.5/JSR14)
- * Notes:
- * o We only allow the "extends" keyword and not the "implements"
- * keyword, since that's what JSR14 seems to imply.
- * o Thanks to Monty Zukowski for his help on the antlr-interest
- * mail list.
- * o Thanks to Alan Eliassen for testing the grammar over his
- * Fink source base
- *
- * Version 1.22 (July, 2004)
- * Changes by Michael Studman to support Java 1.5 language extensions
- * Notes:
- * o Added support for annotations types
- * o Finished off Matt Quail's generics enhancements to support bound type arguments
- * o Added support for new for statement syntax
- * o Added support for static import syntax
- * o Added support for enum types
- * o Tested against JDK 1.5 source base and source base of jdigraph project
- * o Thanks to Matt Quail for doing the hard part by doing most of the generics work
- *
- * Version 1.22.1 (July 28, 2004)
- * Bug/omission fixes for Java 1.5 language support
- * o Fixed tree structure bug with classOrInterface - thanks to Pieter Vangorpto for
- * spotting this
- * o Fixed bug where incorrect handling of SR and BSR tokens would cause type
- * parameters to be recognised as type arguments.
- * o Enabled type parameters on constructors, annotations on enum constants
- * and package definitions
- * o Fixed problems when parsing if ((char.class.equals(c))) {} - solution by Matt Quail at Cenqua
- *

- * Version 1.22.2 (July 28, 2004)
 - * Slight refactoring of Java 1.5 language support
 - * o Refactored for/"foreach" productions so that original literal "for" literal
 - * is still used but the for sub-clauses vary by token type
 - * o Fixed bug where type parameter was not included in generic constructor's branch of AST
- *
- * Version 1.22.3 (August 26, 2004)
 - * Bug fixes as identified by Michael Stahl; clean up of tabs/spaces
 - * and other refactorings
 - * o Fixed typeParameters omission in identPrimary and newStatement
 - * o Replaced GT reconciliation code with simple semantic predicate
 - * o Adapted enum/assert keyword checking support from Michael Stahl's java15 grammar
 - * o Refactored typeDefinition production and field productions to reduce duplication
- *
- * Version 1.22.4 (October 21, 2004)
 - * Small bux fixes
 - * o Added typeArguments to explicitConstructorInvocation, e.g. new <String>MyParameterised()
 - * o Added typeArguments to postfixExpression productions for anonymous inner class super
 - * constructor invocation, e.g. new Outer().<String>super()
 - * o Fixed bug in array declarations identified by Geoff Roy
- *
- * Version 1.22.4.g.1
 - * o I have taken java.g for Java 1.5 from Michael Studman (1.22.4)
 - * and have applied the groovy.diff from java.g (1.22) by John Rose
 - * back onto the new root (1.22.4) - Jeremy Rayner (Jan 2005)
- *
- * Version 1.22.4.g.2
 - * o mkempf, rkleeb, Dec 2007
 - * o fixed various rules so that they call the correct Create Method
 - * to make sure that the line information are correct
- *
- * Based on an original grammar released in the PUBLIC DOMAIN
- */

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* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/parser/GroovyRecognizer.java

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global transformation to handle @Grab annotation
groovy.grape.GrabAnnotationTransformation

#global transformation for AST Builder
org.codehaus.groovy.ast.builder.AstBuilderTransformation

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* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/META-INF/services/org.codehaus.groovy.transform.ASTTransformation

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- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/stc/PickAnyArgumentHint.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/syntax/ParserException.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/sc/StaticTypesBinaryExpressionMultiTypeDispatcher.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/GroovySunClassLoader.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/BinaryExpressionHelper.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/MetaClassRegistryImpl.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/GroovyShell.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/arrays/IntegerArrayPutAtMetaMethod.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/tailrec/AstHelper.groovy
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/ConstructorMetaClassSite.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/BinaryExpressionWriter.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/builder/AstSpecificationCompiler.groovy
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/apache/groovy/ast/tools/VisibilityUtils.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/messages/Message.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/beans/Vetoable.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/sc/transformers/VariableExpressionTransformer.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/arrays/ArrayPutAtMetaMethod.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/beans/DefaultPropertyWriter.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/typehandling/ShortTypeHandling.java

- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/vmplugin/v6/Java6.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/GeneratedClosure.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/sc/ListOfExpressionsExpression.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/AsmClassGenerator.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/NewifyASTTransformation.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/syntax/TokenMismatchException.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/powerassert/ValueRecorder.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/logging/Commons.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/DefaultGroovyMethods.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/ReflectionCache.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/MetaClass.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/StringBufferWriter.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/PackageScopeASTTransformation.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/ClassGeneratorException.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/memoize/Memoize.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/PostfixExpression.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/MapEntryExpression.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/PogoInterceptableSite.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/java/Groovifier.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/customizers/builder/CustomizersFactory.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/io/EncodingAwareBufferedWriter.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/time/TimeDatumDependentDuration.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/wrappers/Wrapper.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/apache/groovy/internal/util/ReevaluatingReference.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/options/Visibility.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/stdclasses/IntegerCachedClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/genDgmMath.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/sc/StaticTypesClosureWriter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/ListHashMap.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/IntRange.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/PropertyOptions.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/NamedVariantASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/beans/ListenerListASTTransformation.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/VerifierCodeVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/powerassert/SourceText.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/AnnotatedNode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/EnumConstantClassNode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/BufferedIterator.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/ScriptReference.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/sc/transformers/RangeExpressionTransformer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/ASTParserException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/UnaryMinusExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/cli/TypedOption.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/BinaryObjectExpressionHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/FileNameByRegexFinder.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/TripleKeyHashMap.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/MopWriter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/ClassExpression.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/MetaArrayLengthProperty.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/memoize/ConcurrentSoftCache.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/MethodCallTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/builder/ExternalStrategy.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/ComposedClosure.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/NotExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/ClosureMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/Factory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/IndentPrinter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/trait/Traits.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/AutoFinal.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/stc/UnionTypeClassNode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/java/Java2GroovyProcessor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/tailrec/StatementReplacer.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/plugin/GroovyRunner.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/decompiled/AsmReferenceResolver.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/GetEffectivePojoPropertySite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/NumberNumberMinus.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/MetaExpandProperty.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/InnerClassCompletionVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/trait/SuperCallTraitTransformer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/shell/IO.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/sc/transformers/BooleanExpressionTransformer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/customizers/builder/SourceAwareCustomizerFactory.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/StringWriterIOException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/NewStaticMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/CacheAccessControlException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/genMathModification.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/ReverseListIterator.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/stc/MapEntryOrKeyValue.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/CallSiteWriter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/ClassExtender.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/arrays/ArrayMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/stdclasses/BigIntegerCachedClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/inspect/Inspector.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/grape/GrabAnnotationTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/m12n/ExtensionModuleScanner.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/UnicodeLexerSharedInputState.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/MixedInMetaClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/syntax/ReadException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/messages/WarningMessage.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/FieldNode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Newify.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/Utilities.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/builder/Builder.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/ClosureStaticMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/memoize/ConcurrentCommonCache.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/logging/Log.java

- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/ThreadInterrupt.groovy
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/StatementWriter.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/vmplugin/v7/IndyGuardsFiltersAndSignatures.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/FileTreeBuilder.groovy
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/MethodRankHelper.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/AbstractCallSite.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/CompileDynamicProcessor.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/InvokerInvocationException.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Tuple6.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/UnaryPlusExpression.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/beans/PropertyAccessor.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/sc/transformers/BinaryExpressionTransformer.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/BuilderSupport.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/DateGroovyMethods.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/MapConstructorASTTransformation.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/Undefined.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/treewalker/SourcePrinter.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/stmt/ExpressionStatement.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/stc/IncorrectTypeHintException.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/treewalker/NodePrinter.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/sc/transformers/MethodCallExpressionTransformer.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/stc/GroovyTypeCheckingExtensionSupport.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/MissingClassException.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/apache/groovy/io/StringBuilderWriter.java

- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/StringHelper.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/ClosureInvokingMethod.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/AntlrParserPluginFactory.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/NodeList.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/RangeInfo.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/CompileStatic.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/vmplugin/v7/IndyArrayAccess.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/DelegateASTTransformation.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/shell/util/Logger.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/ErrorReporter.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/BytecodeInterface8.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/StaticImportVisitor.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/syntax/Token.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/ClassCodeExpressionTransformer.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/customizers/SecureASTCustomizer.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Closure.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/ScriptException.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/MixinNode.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/DefaultGroovyStaticMethods.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/AutoClone.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/BytecodeProcessor.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/Main.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/stdclasses/StringCachedClass.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/ParameterTypes.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/cli/OptionField.groovy

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/CompilationUnit.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/StringUtil.groovy

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/ManagedConcurrentValueMap.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/decompiled/AsmDecompiler.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/AbstractASTTransformUtil.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/ASTTestTransformation.groovy

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/io/ReaderSource.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/CodeVisitorSupport.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/NonEmptySequence.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/io/PlatformLineWriter.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Tuple8.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/BinaryFloatExpressionHelper.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/CompilePhase.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/ResourceGroovyMethods.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/ManagedConcurrentLinkedQueue.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/ClosureListExpression.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/builder/SimpleStrategy.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/sc/transformers/CompareIdentityExpression.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/vmplugin/v9/Java9.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/GrapeMain.groovy

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/options/ImmutablePropertyHandler.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/ThreadManagedMetaBeanProperty.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/BinaryExpressionMultiTypeDispatcher.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/syntax/RuntimeParserException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/ExtendedVerifier.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/ReferenceType.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/arrays/BooleanArrayPutAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/NamedVariant.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/ObjectRange.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/grape/GrapeEngine.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/Internal.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/m12n/StandardPropertiesModuleFactory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/KnownImmutable.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/stdclasses/LongCachedClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/BaseScript.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/UnicodeEscapingReader.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/SourceUnit.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/ConcurrentReaderHashMap.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/SpreadMap.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/DelegatingScript.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/apache/groovy/metaclass/MetaClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/CallSite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/URLStreams.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/javac/JavaCompiler.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/TupleConstructorASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/typehandling/BigDecimalMath.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/PojoMetaClassSite.java

- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/ClassCompletionVerifier.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/SourceInfo.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/MixinInstanceMetaProperty.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/time/Duration.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/ObjectGraphBuilder.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Range.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/MetaMethodIndex.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/trait/TraitASTTransformation.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/tailrec/CollectRecursiveCalls.groovy
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/ReferenceManager.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/TimedInterrupt.groovy
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/gse/DependencyTracker.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/NullCallSite.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/java/PreJava2GroovyConverter.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/tailrec/ReturnAdderForClosures.groovy
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/GroovyBugError.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/BenchmarkInterceptor.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/tools/WideningCategories.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/MetaClassSite.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/CachedMethod.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/ReflectorLoader.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/apache/groovy/ast/tools/ImmutablePropertyUtils.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/arrays/ShortArrayGetAtMetaMethod.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/decompiled/ClassStub.java

- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/GroovySourceToken.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/CompilationUnitAware.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/StaticVerifier.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/StaticMetaMethodSite.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/PropertyNode.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/LabelVerifier.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/BytecodeHelper.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/stmt/LoopingStatement.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/GenericsVisitor.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/EncodingGroovyMethodsSupport.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/AbstractASTTransformation.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/customizers/builder/SecureASTCustomizerFactory.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/apache/groovy/ast/tools/ExpressionUtils.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/memoize/UnlimitedConcurrentCache.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/DgmConverter.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/InvocationWriter.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/DefaultCachedMethodKey.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/GroovyResourceLoader.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/ClosureMetaClass.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/cli/CliBuilderException.groovy
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/Proxy.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/BuilderASTTransformation.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/arrays/ObjectArrayPutAtMetaMethod.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/GroovyClassValuePreJava7.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/groovy/util/IFilenameFinder.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/apache/groovy/ast/tools/AnnotatedNodeUtils.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/ProcessingUnit.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/apache/groovy/internal/util/Function.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/util/ObservableSet.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/reflection/ReflectionUtils.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/OptimizerVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/StaticMethodCallExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/messages/ExceptionMessage.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/builder/InitializerStrategy.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/AttributeExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/indy/IndyCallSiteWriter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/AdaptingMetaClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/TailRecursive.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/powerassert/AssertionRenderer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/indy/InvokeDynamicWriter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/stmt/AssertStatement.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/IncorrectClosureArgumentsException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/MixinASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/util/Reference.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/MetaBeanProperty.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/decompiled/TypeSignatureParser.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/apache/groovy/plugin/GroovyRunner.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/syntax/TokenException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/ast/stmt/Statement.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/IllegalPropertyAccessException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/apache/groovy/metaclass/Realm.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/GroovySourceAST.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/powerassert/SourceTextNotAvailableException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/GetEffectivePogoPropertySite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/InvokerHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/AnnotationConstantsVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/treewalker/TraversalHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/syntax/Types.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/GeneratedGroovyProxy.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Writable.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/sc/StaticCompilationMopWriter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/MethodClosure.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/DynamicVariable.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/stdclasses/FloatCachedClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/treewalker/MindMapPrinter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/cli/Option.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/tailrec/VariableExpressionTransformer.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/TupleExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/ManagedReference.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/wrappers/FloatWrapper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/stc/SingleSignatureClosureHint.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/wrappers/ByteWrapper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/stc/Receiver.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/ConstructorCallExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/UnaryExpressionHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/arrays/LongArrayGetAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/CastExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/syntax/TokenUtil.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/MetaProperty.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/DelegatesTo.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/stc/ClosureParams.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/CachedField.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/TemporaryMethodKey.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/beans/PropertyWriter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/builder/AstStringCompiler.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/vmplugin/v7/IndyMath.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/ObservableMap.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Tuple1.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/Field.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/TransformingCodeVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/PackageNode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/Trait.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/MetaMethodSite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/customizers/builder/ImportCustomizerFactory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/LexerFrame.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/SocketGroovyMethods.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/tailrec/HasRecursiveCalls.groovy

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/ThreadInterruptibleASTTransformation.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/MissingMethodException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/indy/IndyBinHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/NamedParam.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/stc/AbstractTypeCheckingExtension.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/typehandling/NumberMath.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/CompileDynamic.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/apache/groovy/internal/util/UnicodeConst.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/MissingFieldException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/stc/FromAbstractTypeMethods.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/WriterController.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/MapWithDefault.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/InnerClassNode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/ExpandoMetaClassCreationHandle.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/MethodSelectionException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/StatementMetaTypeChooser.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/VariableScope.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/BytecodeVariable.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/ObservableList.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/TrampolineClosure.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Delegate.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/HasCleanup.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/stdclasses/CachedSAMClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/AntlrParserPlugin.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/io/FileType.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/sc/StaticTypesTypeChooser.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/memoize/EvictableCache.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/stmt/EmptyStatement.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/FactoryBuilderSupport.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/stc/PropertyLookupVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/vmplugin/v7/Java7.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/PogoMetaClassSite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/MapConstructor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/PropertyValue.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/GroovyCallable.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/io/NullWriter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/sc/StaticCompileTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/AutoFinalASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/arrays/DoubleArrayGetAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/tools/ClosureUtils.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/ast/TransformTestHelper.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Sequence.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/GroovyClassValueFactory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/stmt/ContinueStatement.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/EqualsAndHashCode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/stc/PickFirstResolver.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/Variable.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/ProxyMetaClass.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/GroovyException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/tailrec/TailRecursiveASTTransformation.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/ml2n/MetaInfExtensionModule.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/stmt/ForStatement.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/PerInstancePojoMetaClassSite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/Node.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/shell/util/MessageSource.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/powerassert/Value.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/tailrec/VariableAccessReplacer.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/ConfigObject.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/PropertyAccessInterceptor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/MetaClassRegistryChangeEvent.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/arrays/ShortArrayPutAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/vmplugin/v5/JUnit4Utils.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/ClassCodeVisitorSupport.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/ImmutableOptions.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/ReadOnlyPropertyException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/AntlrASTProcessor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/sc/StaticTypesWriterControllerFactoryImpl.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/io/GroovyPrintStream.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/ErrorCollector.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/arrays/DoubleArrayPutAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/AbstractComparator.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/stdclasses/ShortCachedClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/groovy/lang/GrabExclude.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/InnerClassVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/wrappers/IntWrapper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/stmt/ThrowStatement.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/tailrec/InWhileLoopWrapper.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/stmt/DoWhileStatement.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/tools/javac/JavaStubCompilationUnit.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/reflection/GroovyClassValue.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/metaclass/MissingMethodExecutionFailed.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/tools/javac/JavacJavaCompiler.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/stc/StaticTypeCheckingSupport.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/genArrayAccess.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/Binding.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/tools/gse/StringSetMap.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/TimedInterruptibleASTTransformation.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/decompiled/MemberSignatureParser.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/ConversionHandler.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/stmt/CaseStatement.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/antlr/treewalker/NodeCollector.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/callsite/StaticMetaClassSite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/SpreadMapExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/dgmimpl/arrays/ArrayGetAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/tailrec/RecursivenessTester.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/AutoExternalize.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/runtime/memoize/LRUProtectionStorage.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/VariableScopeVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/Janitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/ParameterArray.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/Interceptor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/ElvisOperatorExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/AnnotationVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/ParserPluginFactory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/util/ManagedConcurrentMap.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/Tuple2.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/util/ReleaseInfo.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/antlr/AntlrASTProcessSnippets.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/EmptyExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/TypeCheckingMode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/sc/TemporaryVariableExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/tools/javac/JavaAwareCompilationUnit.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/stc/DefaultTypeCheckingExtension.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/RangeExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/Memoized.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/MultipleCompilationErrorsException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/WriterControllerFactory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/reflection/stdclasses/CachedClosureClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/CompilationFailedException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/AnnotationCollector.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/classgen/BytecodeInstruction.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/sc/transformers/StaticCompilationTransformer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/io/InputStreamReaderSource.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/genArrayUtil.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/metaclass/NewMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/ConstructorNode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/dgmimpl/NumberNumberMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/options/LegacyHashMapPropertyHandler.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/reflection/stdclasses/BigDecimalCachedClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/util/GroovyScriptEngine.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/util/AbstractConcurrentMap.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/reflection/stdclasses/ObjectCachedClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/sc/StaticCompilationMetadataKeys.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/decompiled/Annotations.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/memoize/ValueConvertible.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/util/Expando.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/callsite/CallSiteAwareMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/PackageScopeTarget.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/tailrec/ReturnStatementToIterationConverter.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/xml/QName.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/metaclass/MultipleSetterProperty.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/NumberAwareComparator.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/DefaultGroovyMethodsSupport.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/ImportNode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/control/SourceExtensionHandler.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/GStringExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/wrappers/LongWrapper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/stc/SharedVariableCollector.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/time/TimeDuration.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/AbstractInterruptibleASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/Phases.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/apache/groovy/util/SystemUtil.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/callsite/ConstructorSite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/metaclass/MethodMetaProperty.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/IOGroovyMethods.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/FlushingStreamWriter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/stmt/BlockStatement.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/BooleanExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/util/CharsetToolkit.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/util/IteratorBufferedIterator.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/syntax/CSTNode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/BinaryLongExpressionHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/sc/transformers/CastExpressionOptimizer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/BinaryDoubleExpressionHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/ResolveVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/dgmimpl/arrays/ByteArrayGetAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/GroovyCodeVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/sc/transformers/ConstructorCallTransformer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/runtime/ArrayUtil.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/apache/groovy/plugin/GroovyRunnerRegistry.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/time/TimeCategory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/StaticTypesTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/MethodKey.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/dgmimpl/arrays/IntegerArrayGetAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/dgmimpl/NumberNumberDiv.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/memoize/LRUCache.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/tools/PropertyNodeUtils.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/MethodCaller.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/vmplugin/VMPluginFactory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/InheritConstructorsASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/antlr/treewalker/VisitorAdapter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/sc/StaticTypesUnaryExpressionHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/HandleMetaClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/AnnotationNode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/callsite/PogoGetPropertySite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/typehandling/NumberMathModificationInfo.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/WithReadLock.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/util/OrderBy.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/stmt/CatchStatement.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/time/BaseDuration.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/BitwiseNegationExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/io/LineColumnReader.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/util/SingleKeyHashMap.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/antlr/treewalker/PreOrderTraversal.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/InnerClassVisitorHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/Expression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/stc/ClosureSignatureConflictResolver.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/callsite/BooleanReturningMethodInvoker.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/util/AbstractConcurrentMapBase.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/InterfaceHelperClassNode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/ClosureException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/typehandling/GroovyCastException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/AstToTextHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/vmplugin/v5/Java5.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/ASTTransformationsContext.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/callsite/PojoMetaMethodSite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/LazyASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/typehandling/BigIntegerMath.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/apache/groovy/internal/util/Supplier.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/antlr/treewalker/SourceCodeTraversal.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/reflection/ClassInfo.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/callsite/GetEffectivePogoFieldSite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/beans/VetoableASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/VisibilityOptions.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/tools/javac/JavaCompilerFactory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/GroovyExceptionInterface.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/groovy/lang/GrabResolver.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/callsite/ConstructorMetaMethodSite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/callsite/PlainObjectMetaMethodSite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/apache/groovy/ast/tools/MethodNodeUtils.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/apache/groovy/ast/tools/ClassNodeUtils.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/ExpandoMetaClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/reflection/stdclasses/CharacterCachedClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/ReturnAdder.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/builder/AstBuilderTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/util/TypeUtil.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/util/LoggableTextifier.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/io/FileReaderSource.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/BinaryIntExpressionHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/dgmimpl/arrays/ByteArrayPutAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/ArgumentListExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/tools/javac/JavaStubGenerator.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/decompiled/ClassSignatureParser.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/GroovyClassLoader.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/SelfType.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/dgmimpl/arrays/ObjectArrayGetAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/PropertyExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/ExternalizeVerifier.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/metaclass/MissingPropertyExceptionNoStack.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/BytecodeSequence.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/ast/expr/MethodPointerExpression.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/runtime/wrappers/PojoWrapper.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/groovy/util/ResourceException.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/runtime/ProcessGroovyMethods.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/groovy/lang/MissingPropertyException.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/groovy/lang/Buildable.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/antlr/java/Java2GroovyMain.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/reflection/CachedConstructor.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/transform/stc/TraitTypeCheckingExtension.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/classgen/asm/TypeChooser.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/ast/stmt/ReturnStatement.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/reflection/MixinInMetaClass.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/classgen/asm/VariableSlotLoader.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/groovy/transform/Synchronized.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/control/io/StringReaderSource.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/classgen/asm/BinaryBooleanExpressionHelper.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Tuple.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/groovy/transform/stc/ClosureSignatureHint.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/ast/ClassHelper.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/vmplugin/v7/TypeTransformers.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/runtime/metaclass/OwnedMetaClass.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/groovy/ui/GroovyMain.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/ast/MethodNode.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/tools/GrapeUtil.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/groovy/transform/stc/SecondParam.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/sc/transformers/StaticMethodCallExpressionTransformer.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/ConditionalInterrupt.groovy

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/ClosureWriter.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/Parameter.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/LineColumn.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/ScriptBytecodeAdapter.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/typehandling/DefaultTypeTransformation.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/Eval.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/Verifier.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/BaseScriptASTTransformation.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/LoaderConfiguration.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/arrays/CharacterArrayPutAtMetaMethod.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/GroovyClass.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/vmplugin/v8/PluginDefaultGroovyMethods.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/ListBufferedIterator.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/InheritConstructors.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/wrappers/ShortWrapper.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/stmt/WhileStatement.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/ExternalizeMethodsASTTransformation.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/wrappers/GroovyObjectWrapper.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/m12n/SimpleExtensionModule.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/LogASTTransformation.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/ImmutableBase.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/ASTNode.java

* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/transform/trait/TraitComposer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/messages/LocatedMessage.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/stc/DelegationMetadata.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/sc/transformers/ClosureExpressionTransformer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/util/Finalizable.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/apache/groovy/util/Maps.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/reflection/stdclasses/DoubleCachedClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/memoize/NullProtectionStorage.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/metaclass/DefaultMetaClassInfo.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
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* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/messages/SyntaxErrorMessage.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/options/DefaultPropertyHandler.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/SourceURI.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/SpreadListEvaluatingException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/AutoCloneStyle.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/antlr/java/Java2GroovyConverter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/util/AbstractFactory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/SynchronizedASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/callsite/PogoMetaMethodSite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/CategoryASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/dgmimpl/arrays/FloatArrayGetAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
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* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/CompilerConfiguration.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/VariableExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/ast/expr/BinaryExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/ClosureComparator.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/customizers/ASTTransformationCustomizer.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/Generated.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/WritableFile.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/EncodingGroovyMethods.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/beans/Bindable.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/BytecodeExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/Immutable.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/cli/Unparsed.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/tailrec/TernaryToIfStatementConverter.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/typehandling/FloatingPointMath.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/sc/transformers/CompareToNullExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/trait/TraitHelpersTuple.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/decompiled/DecompiledClassNode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/ASTTest.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/GroovyStarter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/PermutationGenerator.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/NamedArgumentListExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/javac/JavaAwareResolveVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/SpreadExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/wrappers/DoubleWrapper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/tools/Compiler.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/MetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/groovy/security/GroovyCodeSourcePermission.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/v7/GroovyClassValueJava7.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/NodeBuilder.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/ImmutableASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/ClassGenerator.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Tuple4.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/customizers/builder/InlinedASTCustomizerFactory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/stc/TypeCheckingContext.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/typehandling/IntegerMath.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/ModuleNode.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/ArrayIterator.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Lazy.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/EnumHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/DelegatingController.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/NumberNumberPlus.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/customizers/ImportCustomizer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/CurriedClosure.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/android/AndroidSupport.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/Canonical.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/stmt/TryCatchStatement.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/wrappers/CharWrapper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/DummyCallSite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/antlr/treewalker/CompositeVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/stdclasses/ByteCachedClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/io/FileVisitResult.java

- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/Sortable.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/DeprecationException.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/CallSiteArray.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/arrays/FloatArrayPutAtMetaMethod.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/IndexedPropertyASTTransformation.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/typehandling/LongMath.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/io/URLReaderSource.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/GroovyCategorySupport.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/dgmimpl/arrays/CharacterArrayGetAtMetaMethod.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/MethodCallExpression.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/HashCodeHelper.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/ListExpression.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/ASTTransformation.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/stc/ExtensionMethodNode.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/sc/StaticTypesWriterController.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/logging/Log4j.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/m12n/ExtensionModule.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/SourceURIASTTransformation.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/CallSiteClassLoader.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/customizers/builder/CompilerCustomizationBuilder.groovy
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/MetaClassConstructorSite.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/GroovyObjectSupport.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/beans/DefaultPropertyAccessor.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/AssertionWriter.java

- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/DefaultMethodKey.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/ConfigSlurper.groovy
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/util/LoggableClassVisitor.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/TernaryExpression.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/NamedParams.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/MemoizedASTTransformation.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/ResourceConnector.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/AccessPermissionChecker.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/syntax/Reduction.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/stmt/IfStatement.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/builder/DefaultStrategy.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/MetaClassImpl.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/reflection/GeneratedMetaMethod.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/beans/BindableASTTransformation.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/ReadWriteLockASTTransformation.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/metaclass/ReflectionMetaMethod.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/powerassert/PowerAssertionError.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/memoize/CommonCache.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Script.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/FastArray.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/logging/Slf4j.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/stc/ThirdParam.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/tools/BeanUtils.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/GenericsType.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/runtime/NullObject.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/stmt/SynchronizedStatement.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/GroovyRuntimeException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/sc/StaticTypesStatementWriter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/dgmimpl/arrays/BooleanArrayGetAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/antlr/SourceBuffer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/sc/StaticTypesCallSiteWriter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/reflection/stdclasses/NumberCachedClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/customizers/builder/PostCompletionFactory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/vmplugin/v7/TypeHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/tools/GenericsUtils.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/EnumVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/WithWriteLock.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/antlr/treewalker/Visitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/CompileStack.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/GroovyObject.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/vmplugin/VMPlugin.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/ExternalizeMethods.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/reflection/SunClassLoader.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/EnumCompletionVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/antlr/treewalker/FlatNodeListTraversal.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/SingletonASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/stc/SimpleType.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/dgmimpl/arrays/LongArrayPutAtMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/transform/stc/StaticTypesMarker.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/ReflectionMethodInvoker.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Grab.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/PackageScope.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/FinalVariableAnalyzer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/stc/TypeCheckingExtension.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/memoize/ProtectionStorage.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/MetaClassRegistryChangeEventListner.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/RegexSupport.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/Category.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/tools/javac/JavacCompilerFactory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/Singleton.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/syntax/SyntaxException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/sc/transformers/ListExpressionTransformer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/PrefixExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/EqualsAndHashCodeASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/reflection/CachedClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/options/PropertyHandler.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/ExpressionTransformer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/stmt/SwitchStatement.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/ConditionalInterruptibleASTTransformation.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/ArrayExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/callsite/PogoMetaClassGetPropertySite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/AnnotationConstantExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/DelegatingMetaClass.java

- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/MutableMetaClass.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/indy/sc/IndyStaticTypesMultiTypeDispatcher.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/stmt/BreakStatement.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/vmplugin/v7/Selector.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/tools/GeneralUtils.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/PojoMetaClassGetPropertySite.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/io/AbstractReaderSource.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/stc/SignatureCodecVersion1.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/util/MapEntry.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/customizers/CompilationCustomizer.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Mixin.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/ast/expr/ClosureExpression.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/Grapes.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/time/DatumDependentDuration.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/customizers/SourceAwareCustomizer.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/callsite/BooleanClosureWrapper.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/GeneratorContext.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/ConfigurationException.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/SpreadMapEvaluatingException.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/syntax/Numbers.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/ASTTransformationVisitor.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/GString.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/IndexedProperty.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/GroovySystem.java
- * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/util/LockableObject.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/tools/RootLoader.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/runtime/metaclass/MethodHelper.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/groovy/transform/ToString.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/classgen/asm/sc/StaticPropertyAccessHelper.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/syntax/ASTHelper.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/classgen/asm/sc/StaticInvocationWriter.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/runtime/StringGroovyMethods.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/reflection/stdclasses/ArrayCachedClass.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/groovy/transform/TypeChecked.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/groovy/io/GroovyPrintWriter.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/groovy/lang/GroovyInterceptable.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/apache/groovy/plugin/DefaultRunners.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/ast/builder/AstBuilder.groovy
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/groovy/lang/Tuple5.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/control/messages/SimpleMessage.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/control/customizers/builder/ASTTransformationCustomizerFactory.groovy
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/ast/ClassNode.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/runtime/callsite/ClassMetaClassGetPropertySite.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/transform/GroovyASTTransformationClass.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/runtime/metaclass/MissingMethodExceptionNoStack.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/ast/expr/MapExpression.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/runtime/m12n/ExtensionModuleRegistry.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
 jar/org/codehaus/groovy/vmplugin/v8/Java8.java
 * /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/ast/expr/ConstantExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/util/ProxyGenerator.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/MetaClassRegistry.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/XStreamUtils.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/stc/StaticTypeCheckingVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/MetaObjectProtocol.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/apache/groovy/lang/annotation/Incubating.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/FieldASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/grape/GrapeIvy.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/cli/UnparsedField.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/DummyClassGenerator.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/ListWithDefault.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/Tuple9.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/OptimizingStatementWriter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/BytecodeDumper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/EmptyRange.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/reflection/stdclasses/BooleanCachedClass.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/util/NodePrinter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/GroovyASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/ui/GroovySocketServer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/DeclarationExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/MethodCall.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/TupleConstructor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/ClassNodeResolver.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/groovy/lang/Tuple7.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/MetaClassHelper.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/stc/FromString.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/GrabConfig.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/memoize/MemoizeCache.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/metaclass/TransformMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/AnnotationCollectorTransform.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/SortableASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/stc/SecondPassExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/util/logging/Log4j2.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/tools/FileSystemCompiler.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/apache/groovy/internal/metaclass/MetaClassConstant.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/beans/DefaultPropertyReader.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/transform/NamedDelegate.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/m12n/PropertiesModuleFactory.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/classgen/asm/OperandStack.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/util/ManagedLinkedList.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/AutoCloneASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/control/customizers/DelegatingCustomizer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/GroovyClassVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/tools/shell/util/Preferences.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/Reference.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/MethodInvocationTrap.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/decompiled/FormalParameterParser.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/runtime/IteratorClosureAdapter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/Tuple3.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/grape/Grape.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/metaclass/MixinInstanceMetaMethod.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/lang/GroovyCodeSource.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/ASTTransformationCollectorCodeVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/trait/NaryOperationRewriter.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/util/GroovyCollections.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/antlr/ASTRuntimeException.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/util/ComplexKeyHashMap.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/StackTraceUtils.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/tailrec/VariableExpressionReplacer.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/CompileUnit.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/trait/TraitReceiverTransformer.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/ConvertedClosure.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/callsite/GetEffectivePojoFieldSite.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/util/LazyReference.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/transform/ToStringASTTransformation.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/reflection/ClassLoaderForClassArtifacts.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/vmplugin/v5/PluginDefaultGroovyMethods.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/groovy/beans/ListenerList.groovy
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/dgmimpl/NumberNumberMultiply.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/runtime/Reflector.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-
jar/org/codehaus/groovy/ast/expr/FieldExpression.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-

jar/org/codehaus/groovy/runtime/callsite/CallSiteGenerator.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/transform/stc/FirstParam.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/sc/StaticCompilationVisitor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/transform/stc/SignatureCodec.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/beans/PropertyReader.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/groovy/lang/TracingInterceptor.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/vmplugin/v7/IndyInterface.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/runtime/ConvertedMap.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/classgen/asm/MethodCallerMultiAdapter.java
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* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/util/ReferenceBundle.java
* /opt/ws_local/PERMITS_SQL/1033409001_1594217124.39/0/groovy-2-5-7-sources-1-jar/org/codehaus/groovy/control/ParserPlugin.java

1.305 xmltooling 1.4.6

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1.307 python3-asn1crypto 0.24.0

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1.308 jakarta-el 3.0.3

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```

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1.309 deep-assign 2.0.0

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1.310 jackson 1.9.13

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* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/SynchronizedByteHolder.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v3/decode/DecoderFinder.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/VolatileBooleanHolder.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/IntEnumerationHelperBase.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/ThreadSafeFloatHolder.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/xml/StdErrErrorHandler.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/ByteArrayMap.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/AssertException.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/UniquenessConstraintRep.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/QuotesAndWhitespaceTokenizer.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/UIteratorUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/TVLUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/BeanExtractingGeneratorExtension.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/PotentiallySecondaryUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/PropertyBeanGenerator.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/swing/SetPropertyElementBoundButtonModel.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/CachedStoreFactory.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/BooleanUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v3/decode/Decoder.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/WrapperProperty.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/IdMap.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/FailSuppressedMessageLogger.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/ConnectionBundle.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v3/hocon/HoconPropertiesConfigSource.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/jvm/TypeFormatException.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/ConnectionBundlePoolImpl.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/naming/ReferenceIndirector.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/NoGCObjectCache.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/ConnectionBundleImpl.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/IOSequentialByteArrayMap.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/encounter/EncounterUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/ConnectionBundlePoolBean.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/TableRep.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/UnreliableIteratorUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/ParsedPropertyBeanDocument.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/ThreadSafeShortHolder.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/SynchronizedShortHolder.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/LongObjectHash.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cfg/ConfigUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/ThreadSafeCharHolder.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/SynchronizedIntHolder.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/UnreliableIterator.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v3/decode/DecodeUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/AmbiguousClassNameException.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/IOByteArrayEnumeration.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/DriverManagerDataSource.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/PotentiallySecondaryException.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/filter/SynchronizedFilterDataSource.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/UnreliableIteratorException.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/reflect/ReflectUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/reflect/ForwardingInvocationHandler.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/async/CarefulRunnableQueue.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/SqlUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/net/SmtpException.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/DuplicateElementException.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/StrongIdHashKey.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/AlreadyExistsException.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/jdk14logging/ForwardingLogger.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/util/PropertiesUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/SimpleMapEntry.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/PropertyReferenceableExtension.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/VolatileByteHolder.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/coalesce/SyncedCoalescer.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/filter/FilterDataSource.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/VolatileIntHolder.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/xmlprops/SaxXmlPropsParser.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/RunnableQueue.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/rmi/RegistryManager.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/ForeignKeyRep.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/CompleteConstructorGeneratorExtension.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/ClosableResource.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/impl/IOStringEnumerationHelperBase.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cmdline/BadCommandLineException.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cfg/PropertiesConfigSource.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/LogUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/UnknownStreamClassException.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/DoubleUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/ResolvedClassInfo.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/io/InputStreamUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/SoftKey.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/StateBeanExporter.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/IdWeakHashMap.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/filter/FilterCallableStatement.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/ClosableResourceUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/xmlpropsschema/XmlPropsSchemaHelper.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/Debug.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/TweakableCachedStore.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/TypeRepIdenticator.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v3/filecache/RelativePathFileCacheKey.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/SimpleClassInfo.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/PotentiallySecondaryRuntimeException.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lang/reflect/MethodUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v3/filecache/URLFetcher.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/net/SmtplibMailSender.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/AbstractResourcePool.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/coalesce/CoalescerIterator.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/OrderedCollection.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lang/TypeResolutionUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/ManualCleanupSoftKeyCachedStore.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/ForeignKeyRepImpl.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cmdline/CommandLineUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/CachedStoreError.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/filter/SynchronizedFilterResultSet.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/ReaderUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/util/ComparatorUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/ThreadSafeShortHolder.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/JoinedIterator.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/UnsupportedTypeException.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/Debug.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v3/hocon/HoconMultiPropertiesConfig.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/ThreadSafeFloatHolder.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/swing/PropertyBoundComboBox.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/ReadOnlyMemoryFile.java

- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/CircularList.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/xml/DomParseUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/NoCacheCachedStore.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/SynchronizedFloatHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/PropsToStringGeneratorExtension.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/Vacuuable.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/PasswordManager.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/StrongIdentityIdenticator.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/coalesce/WeakCcCoalescer.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/AbstractMapEntry.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cmdline/MissingSwitchException.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/ThreadSafeLongHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/ObjectUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/SynchronizedShortHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/SomethingChangedListener.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/PropertyMapConstructorGeneratorExtension.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/ByteArrayBinding.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/OutputStreamUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/SerializableExtension.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/NoCacheWritableCachedStore.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/DebugUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cfg/CombinedMultiPropertiesConfig.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/Debug.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/SimpleProperty.java

- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/HashIntChecklist.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/IteratorUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/ClassUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/StringObjectMap.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/PotentiallySecondaryError.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/XmlSchema.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/UIterator.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/FileEnumeration.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/filter/FilterStatement.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/ExplicitPropsConstructorGeneratorExtension.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/WrapperUIterator.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/impl/SuffixFilenameFilter.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/encounter/IdentityEncounterCounter.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/BeansUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/NullMLogger.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/WeakIdHashKey.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/net/SmtptUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/TypesUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/CleanupUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/SynchronizedBooleanHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/coalesce/CoalesceIdenticator.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cfg/Debug.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/ByteArrayComparator.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/filter/RecreatePackage.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lock/ExactReentrantSharedUseExclusiveUseLock.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/test/TestIdWeakHashMap.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/jdk14logging/Jdk14MLog.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/coalesce/WeakEqualsCoalescer.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/ThreadSafeBooleanHolder.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v3/filecache/FileNotCachedException.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/io/OutputStreamUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/ThreadSafeDoubleHolder.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/swing/PropertyComponentBindingUtility.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/Base64Encoder.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/RobustMessageLogger.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/naming/Debug.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/StateBean.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/WeakHashPSManager.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/SimpleRunnableQueue.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/LongUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lang/ObjectUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/DbAuth.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/io/FileUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/rmi/NotAuthorizedException.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cfg/MConfig.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cmdline/ParsedCommandLineImpl.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/SynchronizedIntHolder.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/CBPUUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/MLevel.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lang/VersionUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/async/test/InterruptTaskThread.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/VolatileByteHolder.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v3/filecache/URLFetchers.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/MLogClasses.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/debug/DebugConstants.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/ConnectionEventSupport.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/MLogConfig.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/StringMemoryFile.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lock/SharedUseExclusiveUseLock.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/StatementUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/impl/StartsWithFilenameFilter.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/WritableCachedStore.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/async/RoundRobinAsynchronousRunner.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/coalesce/CoalesceChecker.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/net/LocalHostManager.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/ser/IndirectPolicy.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/StringEnumeration.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/uid/UidUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/ThrowableUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/filter/SynchronizedFilterPreparedStatement.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/QuotesAndSpacesTokenizer.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/rmi/ServiceUnavailableException.java

- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/GentleThread.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/impl/DirectoryDescendingFileFinderImpl.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/LongObjectMap.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/SynchronizedLongHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/coalesce/Coalescer.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/ChangeNotifyingSynchronizedIntHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/CodegenUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/encounter/AbstractEncounterCounter.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/CircularListQueue.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/StateBeanImporter.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/filter/FilterResultSet.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/ManualCleanupSoftSet.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/ThreadSafeBooleanHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/naming/ReferenceMaker.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/Schema.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/Base64FormatException.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/encounter/EncounterCounter.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/StringEnumerationHelperBase.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/Queue.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v3/filecache/FileCacheKey.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/naming/JavaBeanObjectFactory.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/PSManager.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/SimpleLogFile.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/BadConfigurationException.java

- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/Property.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/SynchronizedDoubleHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/WriterUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/log4j/Log4jMLog.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/CacheFlushException.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cfg/MLogConfigSource.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/swing/PropertyBoundButtonGroup.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/CacheFlushException.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/IdentityHashCodeIdenticator.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/PartialFailureException.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/SimplePropertyMask.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/IndentedWriter.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/MLog.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/debug/ThreadNameStackTraceRecorder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/net/MimeUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/jdk14logging/Jdk14LoggingUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/ByteArrayEnumeration.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cmdline/UnexpectedSwitchArgumentException.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/coalesce/AbstractWeakCoalescer.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/CharUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/IOStringObjectMap.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/UniquenessConstraintRepImpl.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/IOEnumeration.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/ColumnRep.java

- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/IntObjectHash.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/ValueTransformingCachedStore.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/ConnectionBundlePool.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/filter/FilterDatabaseMetaData.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/SomethingChangedEvent.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/SynchronizedLongHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cfg/MultiPropertiesConfig.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/async/Debug.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/IdHashKey.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/xml/ResourceEntityResolver.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/VolatileShortHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/MapUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/MLogger.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lock/SimpleSharedUseExclusiveUseLock.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/InputStreamUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/ThreadSafeByteHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/collection/MapEntry.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/PlaintextPropertiesPasswordManager.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/impl/LazyStringMemoryFileImpl.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/IntChecklist.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/ThreadSafeIntHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/IOStringEnumeration.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/SynchronizedBooleanHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/NullUtils.java

- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/ArrayUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/CopyConstructorGeneratorExtension.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/rmi/RMIRegistryCallingCard.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/SoftSetFactory.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/util/Debug.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/impl/LazyReadOnlyMemoryFileImpl.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/VolatileFloatHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v3/hocon/HoconUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/net/MailSender.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cmdline/ParsedCommandLine.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/ColumnRepImpl.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/naming/JavaBeanReferenceMaker.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/net/SocketUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lang/ThreadGroupUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/Autoflushing.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/xmlprops/DomXmlPropsParser.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/coalesce/CoalescerFactory.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/xmlprops/XmlPropsException.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/slf4j/Slf4jMLog.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/management/OperationKey.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/SoftReferenceObjectCache.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/IdHashSet.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/PotentiallySecondary.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/filter/SynchronizedFilterCallableStatement.java

- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/VolatileBooleanHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/SimpleStateBeanImportExportGeneratorExtension.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/SetUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/ThreadSafeDoubleHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/coalesce/StrongEqualsCoalescer.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/IntEnumeration.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cfg/PropertiesConfig.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/KeyValueTransformingCachedStore.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/SynchronizedCharHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/io/WriterUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/WrapperIterator.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/CloneableExtension.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/SynchronizedCharHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/SqlUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/ArrayUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/SimpleCursor.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/ByteUtils.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/SomethingChangedEventSupport.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/IdList.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/async/ThreadPoolAsynchronousRunner.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/io/FileIterator.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/coalesce/CoalesceTest.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/ThreadSafeIntHolder.java
- * /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/async/ThreadPerTaskAsynchronousRunner.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/ConnectionUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/VolatileCharHolder.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/UnsupportedVersionException.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/swing/HostBindingInterface.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/util/WeakIdentityHashMapFactory.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/ClassInfo.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/WrapperClassInfo.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/encounter/GenericEncounterCounter.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/GeneratorExtension.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/CachedStore.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/identicator/test/TestIdHashSet.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/ser/IndirectlySerialized.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/TypeRepImpl.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/FSMessageLoggerAdapter.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/TableRepImpl.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/InnerBeanPropertyBeanGenerator.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/MEnumeration.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/CollectionUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cfg/BasicPropertiesConfigSource.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/util/StringTokenizerUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/util/XORShiftRandomUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/impl/EndsWithFilenameFilter.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/io/IndentedWriter.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lang/StringUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/SimplePropertyBeanGenerator.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/csv/MalformedCsvException.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/swing/TestBean.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/SchemaManager.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lang/ThreadUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/ResultSetUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/ser/Indirector.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/MLogInitializationException.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/ResolvedProperty.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/holders/VolatileShortHolder.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/ser/SerializableUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/CommandLineParserImpl.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/SynchronizedDoubleHolder.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/db/sql/schemarep/TypeRep.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/beans/swing/BoundButtonUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/LinkedListIntChecklistImpl.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/VolatileFloatHolder.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/SyncedProperties.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/async/RunnableQueue.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/csv/FastCsvUtils.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/ObjectCache.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/HexAsciiMD5PropertiesPasswordManager.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/rmi/CallingCard.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/log/NameTransformer.java

* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/impl/EmptyMEnumeration.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/lang/Coerce.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/util/MessageLogger.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/io/SerializableUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/sql/filter/SynchronizedFilterStatement.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/lang/ShortUtils.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/lang/holders/ThreadSafeLongHolder.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/cfg/DelayedLogItem.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/async/AsynchronousRunner.java
* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v1/cachedstore/NoCleanupCachedStore.java
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* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/BeangenUtils.java
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* /opt/cola/permits/1150964960_1654022928.559134/0/mchange-commons-java-0-2-11-sources-5-jar/com/mchange/v2/codegen/bean/ExplicitDefaultConstructorGeneratorExtension.java

1.312 zstd-jni 1.4.4-7

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1.313 utah-parser 1.0.1

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1.314 jersey-apache-client 1.19.1

1.315 httpcomponents-core 4.4.10

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1.317 gremlin-shaded 3.4.10

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```
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`show w'. This is free software, and you are welcome to redistribute
it under certain conditions; type `show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (which makes passes at compilers) written by
James Hacker.
```

```
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

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1.320 bouncy-castle 1.66

1.320.1 Available under license :

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```
public DomainParameters(BigInteger p, BigInteger g, BigInteger q, BigInteger j,
```

Found in path(s):

```
* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-  
jar/org/bouncycastle/asn1/x9/DomainParameters.java
```

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```
/**
```

```
* Poly1305 message authentication code, designed by D. J. Bernstein.
```

```
* <p>
```

```
* Poly1305 computes a 128-bit (16 bytes) authenticator, using a 128 bit nonce and a 256 bit key
```

```
* consisting of a 128 bit key applied to an underlying cipher, and a 128 bit key (with 106
```

```
* effective key bits) used in the authenticator.
```

```
* <p>
```

```
* The polynomial calculation in this implementation is adapted from the public domain <a
```

```
* href="https://github.com/floodyberry/poly1305-donna">poly1305-donna-unrolled</a> C implementation
```

```
* by Andrew M (@floodyberry).
```

```
* @see Poly1305KeyGenerator
```

```
*/
```

Found in path(s):

* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-jar/org/bouncycastle/crypto/macs/Poly1305.java

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// now keep space is free to use

Found in path(s):

* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-jar/org/bouncycastle/pqc/crypto/gmss/GMSSPrivateKeyParameters.java

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/**

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/**

* SPHINCS-256 signer.

* <p>

* This implementation is heavily based on the reference implementation in SUPERCOP, the main difference being the digests used
* for message hashing and tree construction are now configurable (within limits...) and that the implementation produces
* detached signatures.
* </p>
* <p>
* The SPHINCS reference implementation is public domain, as per the statement in the second last paragraph of
* section 1 in <https://eprint.iacr.org/2014/795.pdf>
* </p>
*/

Found in path(s):

* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-jar/org/bouncycastle/pqc/crypto/sphincs/SPHINCS256Signer.java
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/**

* Magic value for proprietary OpenSSH private key.

**/

Found in path(s):

* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-jar/org/bouncycastle/crypto/util/OpenSSHPrivateKeyUtil.java
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/**

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Found in path(s):

* /opt/cola/permits/1073667234_1609801741.08/0/bcprov-jdk15to18-1-66-sources-jar/org/bouncycastle/pqc/math/ntru/euclid/test/IntEuclideanTest.java

1.321 hash.js 1.1.7

1.321.1 Available under license :

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```
# hash.js [![Build Status](https://secure.travis-ci.org/indutny/hash.js.svg)](http://travis-ci.org/indutny/hash.js)
```

Just a bike-shed.

```
## Install
```

```
```sh
npm install hash.js
```
```

```
## Usage
```

```
```js
var hash = require('hash.js')
hash.sha256().update('abc').digest('hex')
```
```

```
## Selective hash usage
```

```
```js
var sha512 = require('hash.js/lib/hash/sha/512');
sha512().update('abc').digest('hex');
```
```

```
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```

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* /opt/ws_local/PERMITS_SQL/1047774605_1591431469.33/0/hash-js-1-1-7-3-tgz/package/README.md

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// Apache License 2.0

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1047774605_1591431469.33/0/hash-js-1-1-7-3-tgz/package/lib/hash/utls.js

1.322 ip-address 1.0.17

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1.323 javax-websocket-client-impl

9.4.29.v20200521

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Eclipse

The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- * javax.servlet:javax.servlet-api
- * javax.annotation:javax.annotation-api
- * javax.transaction:javax.transaction-api
- * javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.324 spring-beans 5.2.7.RELEASE

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Found in path(s):

- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/config/InstantiationAwareBeanPostProcessor.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/annotation/Value.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/propertyeditors/StringTrimmerEditor.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/config/BeanFactoryPostProcessor.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/support/GenericBeanDefinition.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/support/RootBeanDefinition.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/config/ConstructorArgumentValues.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/config/TypedStringValue.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/support/ReplaceOverride.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/xml/PluggableSchemaResolver.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/config/AutowiredPropertyMarker.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/config/AutowireCapableBeanFactory.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/annotation/Autowired.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/config/PropertyPlaceholderConfigurer.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/propertyeditors/UUIDEditor.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/BeanMetadataElement.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/support/DefaultBeanNameGenerator.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-

jar/org/springframework/beans/PropertyValue.java
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/propertyeditors/CustomMapEditor.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/ExtendedBeanInfo.java
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jar/org/springframework/beans/TypeConverter.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/TypeConverterDelegate.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/groovy/GroovyBeanDefinitionReader.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/xml/DelegatingEntityResolver.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/PropertyBatchUpdateException.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/xml/ResourceEntityResolver.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/config/PreferencesPlaceholderConfigurer.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/config/YamlPropertiesFactoryBean.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/support/AbstractBeanDefinitionReader.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-

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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/BeanFactoryUtils.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/support/MethodOverrides.java
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/support/BeanDefinitionRegistryPostProcessor.java

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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/annotation/Autowired.java
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/NoSuchBeanDefinitionException.java
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/DirectFieldAccessor.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/support/ManagedMap.java
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/PropertyAccessor.java

* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/NoSuchBeanDefinitionException.java

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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/MethodInvocationException.java

* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/propertyeditors/PathEditor.java

* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/config/FieldRetrievingFactoryBean.java

* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/PropertyMatches.java

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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/xml/AbstractBeanDefinitionParser.java

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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/parsing/FailFastProblemReporter.java

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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/support/BeanDefinitionResource.java

* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/BeanNotOfRequiredTypeException.java

* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/support/PagedListHolder.java

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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/xml/ParserContext.java

* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/support/ManagedList.java

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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/PropertyAccessorFactory.java

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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/InitializingBean.java

* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/PropertyValues.java
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/ListableBeanFactoryExtensions.kt
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/BeansException.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/serviceloader/AbstractServiceLoaderBasedFactoryBean.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/propertyeditors/CharArrayPropertyEditor.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/config/MethodInvokingBean.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/support/MethodOverride.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/parsing/Location.java
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/FatalBeanException.java
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/support/ManagedProperties.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/BeanMetadataAttributeAccessor.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/propertyeditors/ByteArrayPropertyEditor.java
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/PropertyAccessorUtils.java

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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-

jar/org/springframework/beans/factory/support/AbstractBeanFactory.java
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jar/org/springframework/beans/factory/config/YamlProcessor.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/support/GenericTypeAwareAutowireCandidateResolver.java
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jar/org/springframework/beans/factory/config/BeanDefinition.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/support/AbstractAutowireCapableBeanFactory.java
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jar/org/springframework/beans/factory/support/DefaultSingletonBeanRegistry.java
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jar/org/springframework/beans/factory/BeanFactory.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/support/AutowireCandidateResolver.java
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jar/org/springframework/beans/factory/support/PropertiesBeanDefinitionReader.java
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jar/org/springframework/beans/factory/FactoryBean.java
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jar/org/springframework/beans/factory/support/DefaultListableBeanFactory.java
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jar/org/springframework/beans/factory/support/BeanDefinitionReaderUtils.java
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jar/org/springframework/beans/factory/annotation/InjectionMetadata.java
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* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/serviceloader/ServiceLoaderFactoryBean.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/parsing/ReaderEventListener.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/support/BeanNameGenerator.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/parsing/DefaultsDefinition.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/serviceloader/ServiceFactoryBean.java
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- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/xml/XmlBeanDefinitionStoreException.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/xml/SimplePropertyNamespaceHandler.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/parsing/ConstructorArgumentEntry.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/xml/DocumentLoader.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/HierarchicalBeanFactory.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/xml/NamespaceHandler.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/BeanCreationNotAllowedException.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/support/SecurityContextProvider.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-

jar/org/springframework/beans/factory/config/BeanReference.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/propertyeditors/LocaleEditor.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/propertyeditors/CurrencyEditor.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/parsing/ProblemReporter.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/FactoryBeanNotInitializedException.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/BeanFactoryAware.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/support/MutableSortDefinition.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/BeanIsNotAFactoryException.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
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jar/org/springframework/beans/factory/parsing/EmptyReaderEventListener.java
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jar/org/springframework/beans/factory/parsing/PropertyEntry.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/BeanIsAbstractException.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/BeanCurrentlyInCreationException.java
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jar/org/springframework/beans/propertyeditors/InputSourceEditor.java
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jar/org/springframework/beans/ConversionNotSupportedException.java
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jar/org/springframework/beans/factory/BeanExpressionException.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/xml/BeanDefinitionDecorator.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/parsing/AbstractComponentDefinition.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/propertyeditors/CharsetEditor.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/support/BeanDefinitionValidationException.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/config/PropertyResourceConfigurer.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/PropertyEditorRegistry.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-

jar/org/springframework/beans/factory/annotation/Configurable.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/PropertyEditorRegistrar.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/wiring/ClassNameBeanWiringInfoResolver.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/parsing/NullSourceExtractor.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/parsing/QualifierEntry.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/support/MethodReplacer.java
* /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-
jar/org/springframework/beans/factory/parsing/PassThroughSourceExtractor.java
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jar/org/springframework/beans/SimpleTypeConverter.java
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jar/org/springframework/beans/BeanInfoFactory.java
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jar/org/springframework/beans/ExtendedBeanInfoFactory.java
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- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/config/SmartInstantiationAwareBeanPostProcessor.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/xml/NamespaceHandlerResolver.java
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- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/support/ResourceEditorRegistrar.java
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- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/serviceloader/ServiceListFactoryBean.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/config/Scope.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-jar/org/springframework/beans/factory/NamedBean.java
- * /opt/cola/permits/1135880012_1613624462.88/0/spring-beans-5-2-7-release-sources-1-

jar/org/springframework/beans/factory/xml/UtilNamespaceHandler.java

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jar/org/springframework/beans/factory/xml/BeanDefinitionDocumentReader.java

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1.328 esri-geometry-api 1.2.1

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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-

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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-

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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-

jar/com/esri/core/geometry/ShapeImportFlags.java
* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
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* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
jar/com/esri/core/geometry/Polyline.java
* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
jar/com/esri/core/geometry/JsonParserReader.java
* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
jar/com/esri/core/geometry/OperatorImportFromJsonCursor.java
* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
jar/com/esri/core/geometry/OperatorUnionCursor.java
* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
jar/com/esri/core/geometry/OperatorSymmetricDifferenceLocal.java
* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
jar/com/esri/core/geometry/WkbExportFlags.java
* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
jar/com/esri/core/geometry/OperatorShapePreservingDensifyLocal.java
* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
jar/com/esri/core/geometry/Bufferer.java
* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
jar/com/esri/core/geometry/MapOGCStructure.java
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jar/com/esri/core/geometry/OperatorExportToJson.java
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jar/com/esri/core/geometry/VertexDescription.java
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jar/com/esri/core/geometry/OperatorDisjoint.java
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jar/com/esri/core/geometry/OperatorSimpleRelation.java
* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
jar/com/esri/core/geometry/Boundary.java
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jar/com/esri/core/geometry/ProjectionTransformation.java
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jar/com/esri/core/geometry/OGCStructure.java
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jar/com/esri/core/geometry/GeometryAccelerators.java
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jar/com/esri/core/geometry/JsonStringWriter.java
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jar/com/esri/core/geometry/OperatorExportToJsonLocal.java
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jar/com/esri/core/geometry/OperatorOverlapsLocal.java
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jar/com/esri/core/geometry/OperatorIntersectionCursor.java
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jar/com/esri/core/geometry/JsonCursor.java
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jar/com/esri/core/geometry/OperatorCrossesLocal.java
* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
jar/com/esri/core/geometry/Envelope.java
* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
jar/com/esri/core/geometry/Proximity2DResultComparator.java
* /opt/cola/permits/1199743771_1630577635.9/0/esri-geometry-api-1-2-1-sources-1-
jar/com/esri/core/geometry/PolylinePath.java
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jar/com/esri/core/geometry/OperatorDifferenceLocal.java
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jar/com/esri/core/geometry/Point3D.java
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jar/com/esri/core/geometry/Interop.java
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jar/com/esri/core/geometry/OperatorIntersectionLocal.java

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```
<one line to give the program's name and a brief idea of what it does.>  
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```

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```

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```
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This is free software, and you are welcome to redistribute it  
under certain conditions; type `show c' for details.
```

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```
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```

```
<signature of Ty Coon>, 1 April 1989  
Ty Coon, President of Vice
```

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1.332 aopalliance-repackaged 2.5.0

1.333 commons-codec 1.14

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1.335 libedit 3.1-20181209-1

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1.336 spring-cloud-starter-loadbalancer

2.2.3.RELEASE

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1.337 joda-time 2.9.7

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1.338 md5.js 1.3.5

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1.340 jakarta-annotation-api 1.3.4

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1.341 jaxen 1.1.6

1.341.1 Available under license :

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1.342 typetools 0.6.2

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Found in path(s):

```
*/opt/ws_local/PERMITS_SQL/1050289327_1591719213.08/0/typetools-0-6-2-sources-
jar/net/jodah/typetools/TypeResolver.java
```

1.343 gremlin-core 3.4.5

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1.344 commons-lang3 3.10

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1.345 libxml2 2.9.8

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1.346 jackson-databind 2.9.10.1

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1.347 minlog 1.3.0

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* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/UnpooledByteBufAllocator.java

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* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/AbstractByteBufAllocator.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/CompositeByteBuf.java

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* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/EmptyByteBuf.java

* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/ByteBufHolder.java

* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/PooledUnsafeDirectByteBuf.java

* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/DefaultByteBufHolder.java

* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/ReadOnlyByteBufferBuf.java

* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/ByteBufProcessor.java

* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/SimpleLeakAwareByteBuf.java

* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/AbstractDerivedByteBuf.java

* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/ReadOnlyUnsafeDirectByteBuf.java

* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-

jar/io/netty/buffer/AdvancedLeakAwareByteBuf.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/FixedCompositeByteBuf.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/WrappedByteBuf.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/UnreleasableByteBuf.java
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* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/UnpooledUnsafeHeapByteBuf.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/PoolChunkMetric.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/UnpooledSlicedByteBuf.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/PoolSubpageMetric.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/PoolChunkListMetric.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/UnpooledDuplicatedByteBuf.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/AbstractUnsafeSwappedByteBuf.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/UnsafeByteBufUtil.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/PoolArenaMetric.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/PooledUnsafeHeapByteBuf.java
* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/HeapByteBufUtil.java

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```
*/opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/PooledByteBufAllocatorMetric.java
*/opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/ByteBufAllocatorMetricProvider.java
*/opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/ByteBufAllocatorMetric.java
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*/opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/UnsafeDirectSwappedByteBuf.java
*/opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-
jar/io/netty/buffer/UnsafeHeapSwappedByteBuf.java
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* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/META-INF/maven/io.netty/netty-buffer/pom.xml

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* /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io.netty.buffer/PooledHeapByteBuf.java

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- * /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/WrappedCompositeByteBuf.java
- * /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/AbstractUnpooledSlicedByteBuf.java
- * /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/SimpleLeakAwareCompositeByteBuf.java
- * /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/PooledSlicedByteBuf.java
- * /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/AbstractPooledDerivedByteBuf.java
- * /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/WrappedUnpooledUnsafeDirectByteBuf.java
- * /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/AdvancedLeakAwareCompositeByteBuf.java
- * /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/UnpooledUnsafeNoCleanerDirectByteBuf.java
- * /opt/cola/permits/1110676930_1606843883.95/0/netty-buffer-4-1-32-final-sources-2-jar/io/netty/buffer/PooledDuplicatedByteBuf.java

1.349 zipkin-sender-amqp-client 2.15.0

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Manifest-Version: 1.0

Created-By: Apache Maven Bundle Plugin

Build-Jdk-Spec: 13

Automatic-Module-Name: zipkin2.reporter.amqp

Bnd-LastModified: 1589702698496

Build-Jdk: 13.0.2

Built-By: travis

Bundle-Description: Zipkin Reporter (Parent)

Bundle-DocURL: <https://zipkin.io/>

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: Zipkin Sender: RabbitMQ AMQP Client 4.x

Bundle-SymbolicName: io.zipkin.reporter2.zipkin-sender-amqp-client

Bundle-Vendor: OpenZipkin
Bundle-Version: 2.15.0
Export-Package: zipkin2.reporter.amqp;version="2.15.0";uses:="com.rabbitmq.client,zipkin2,zipkin2.codec,zipkin2.reporter"
Import-Package: com.rabbitmq.client;version="[4.11,5)",zipkin2;version="[2.21,3)",zipkin2.codec;version="[2.21,3)",zipkin2.reporter;version="[2.15,3)"
Originally-Created-By: Apache Maven Bundle Plugin
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-4.2.0.201903051501

Found in path(s):

* /opt/cola/permits/1096695372_1601878509.68/0/zipkin-sender-amqp-client-2-15-0-jar/META-INF/MANIFEST.MF

1.350 create-react-class 15.6.3

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1.351 ngdraggable 0.1.10

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1.352 reflectasm 1.10.1

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* /opt/cola/permits/1145449535_1616181967.19/0/reflectasm-1-10-1-sources-3-jar/com/esotericsoftware/reflectasm/ConstructorAccess.java
* /opt/cola/permits/1145449535_1616181967.19/0/reflectasm-1-10-1-sources-3-jar/com/esotericsoftware/reflectasm/PublicConstructorAccess.java
* /opt/cola/permits/1145449535_1616181967.19/0/reflectasm-1-10-1-sources-3-jar/com/esotericsoftware/reflectasm/MethodAccess.java
* /opt/cola/permits/1145449535_1616181967.19/0/reflectasm-1-10-1-sources-3-jar/com/esotericsoftware/reflectasm/FieldAccess.java
* /opt/cola/permits/1145449535_1616181967.19/0/reflectasm-1-10-1-sources-3-jar/com/esotericsoftware/reflectasm/AccessClassLoader.java

1.353 spring-security 2.3.1.RELEASE

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1.355 apache-xml-rpc-client-library 3.1.2

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1.356 snake-yaml 1.24

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1.358 Iodash 4.17.20

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1.359 rxjs 6.6.6

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1.360 asn1.js 5.4.1

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1.361 jctools-core 3.0.0

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```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
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```
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  <configuration>
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```

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  </repository>
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<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>

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    <name>Apache License, Version 2.0</name>
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<scm>
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  <tag>HEAD</tag>
</scm>

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  <developer>
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  </developer>
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  <developer>
    <url>https://github.com/franz1981</url>
  </developer>

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</developer>
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<prerequisites>
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</prerequisites>

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<java.version>1.6</java.version>
<java.test.version>1.8</java.test.version>

<maven.compiler.source>${java.version}</maven.compiler.source>
<maven.compiler.target>${java.version}</maven.compiler.target>
<maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
<maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>

<hamcrest.version>1.3</hamcrest.version>
<junit.version>4.12</junit.version>
<guava-testlib.version>21.0</guava-testlib.version>
</properties>
</project>

```

Found in path(s):

```
* /opt/cola/permits/1177956791_1625584358.42/0/jctools-core-3-0-0-5-jar/META-INF/maven/org.jctools/jctools-core/pom.xml
```

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```

Manifest-Version: 1.0
Bnd-LastModified: 1578049665284
Build-Jdk: 1.8.0_232
Built-By: yak
Bundle-Description: Java Concurrency Tools Core Library
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Java Concurrency Tools Core Library
Bundle-SymbolicName: org.jctools.core
Bundle-Version: 3.0.0
Created-By: Apache Maven Bundle Plugin
Export-Package: org.jctools.maps;version="3.0.0",org.jctools.util;version="3.0.0";uses="sun.misc",org.jctools.queues;version="3.0.0";uses="org.jctools.queues.spec",org.jctools.queues.spec;version="3.0.0",org.jctools.queues.atomic;version="3.0.0";uses="org.jctools.queues,org.jctools.queues.spec"
Import-Package: sun.misc;resolution:=optional
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-4.2.0.201903051501

```

Found in path(s):

* /opt/cola/permits/1177956791_1625584358.42/0/jctools-core-3-0-0-5-jar/META-INF/MANIFEST.MF

1.362 jackson-databind-nullable 0.2.1

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1.363 mime-support 3.62

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```
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jar/org/objectweb/asm/Opcodes.java  
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-  
jar/org/objectweb/asm/Symbol.java  
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-  
jar/org/objectweb/asm/Type.java  
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-  
jar/org/objectweb/asm/ModuleVisitor.java  
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-  
jar/org/objectweb/asm/ClassWriter.java  
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-  
jar/org/objectweb/asm/FieldWriter.java  
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-  
jar/org/objectweb/asm/RecordComponentWriter.java  
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-  
jar/org/objectweb/asm/Context.java  
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-  
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* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-  
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* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-  
jar/org/objectweb/asm/FieldVisitor.java  
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-  
jar/org/objectweb/asm/TypeReference.java  
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-  
jar/org/objectweb/asm/ModuleWriter.java  
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-  
jar/org/objectweb/asm/SymbolTable.java
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* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/signature/SignatureReader.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/ByteVector.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/AnnotationWriter.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/Handle.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/MethodTooLargeException.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/ConstantDynamic.java
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* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/AnnotationVisitor.java
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* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/MethodVisitor.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/Label.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/RecordComponentVisitor.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/CurrentFrame.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/signature/SignatureVisitor.java
* /opt/ws_local/PERMITS_SQL/1068774065_1594456654.59/0/asm-8-0-1-sources-jar/org/objectweb/asm/ClassVisitor.java
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1.365 hppc 0.7.1

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1.368 springfoxswagger 3.0.0

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```
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-
jar/springfox/documentation/swagger2/mappers/SerializableParameterFactories.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-
jar/springfox/documentation/swagger2/mappers/EnumMapper.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-
jar/springfox/documentation/swagger2/mappers/ApiKeyAuthFactory.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-
jar/springfox/documentation/swagger2/configuration/Swagger2JacksonModule.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-
jar/springfox/documentation/swagger2/mappers/ParameterMapper.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-
jar/springfox/documentation/swagger2/mappers/VendorExtensionsMapper.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-
jar/springfox/documentation/swagger2/mappers/ServiceModelToSwagger2Mapper.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-
jar/springfox/documentation/swagger2/mappers/ModelMapper.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-
jar/springfox/documentation/swagger2/mappers/SecurityMapper.java
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* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-jar/springfox/documentation/swagger2/web/Swagger2ControllerWebFlux.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-jar/springfox/documentation/swagger2/web/Swagger2ControllerWebMvc.java
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* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-jar/springfox/documentation/swagger2/mappers/BasicAuthFactory.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-jar/springfox/documentation/swagger2/mappers/ExamplesMapper.java

* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-jar/springfox/documentation/swagger2/mappers/OAuth2AuthFactory.java

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* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-jar/springfox/documentation/swagger2/mappers/InheritanceDeterminer.java

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* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-jar/springfox/documentation/swagger2/annotations/EnableSwagger2WebFlux.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-jar/springfox/documentation/swagger2/annotations/EnableSwagger2.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-jar/springfox/documentation/swagger2/mappers/SerializableParameterFactory.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-jar/springfox/documentation/swagger2/annotations/EnableSwagger2WebMvc.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-jar/springfox/documentation/swagger2/mappers/LicenseMapper.java
* /opt/ws_local/PERMITS_SQL/1082517914_1597960315.48/0/springfox-swagger2-3-0-0-sources-jar/springfox/documentation/swagger2/mappers/SecuritySchemeFactory.java
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1.369 Iz4-java 1.7.1

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1.370 enum34 1.1.6

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1.371 sha.js 2.4.11

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1.372 jffi 1.2.19

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1.373 jetty 9.4.16.v20190411

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- * javax.servlet:javax.servlet-api
- * javax.annotation:javax.annotation-api
- * javax.transaction:javax.transaction-api
- * javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.374 react-router 3.2.5

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1.375 mockserver-netty 5.5.1

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```
{"version":3,"sources":["../node_modules/react/index.js","../node_modules/prop-types/index.js","../node_modules/babel-runtime/helpers/classCallCheck.js","../node_modules/babel-runtime/helpers/createClass.js","../node_modules/babel-runtime/core-js/object/get-prototype-of.js","../node_modules/babel-runtime/helpers/possibleConstructorReturn.js","../node_modules/babel-runtime/helpers/inherits.js","../node_modules/simple-assign/index.js","../node_modules/babel-runtime/helpers/extends.js","../node_modules/babel-runtime/helpers/objectWithoutProperties.js","../node_modules/redux-form/es/actionTypes.js","../node_modules/material-ui/styles/transitions.js","../node_modules/redux-form/es/structure/plain/splice.js","../node_modules/redux-form/es/structure/plain/getIn.js","../node_modules/redux-form/es/structure/plain/setIn.js","../node_modules/redux-form/es/structure/plain/deepEqual.js","../node_modules/redux-form/es/structure/plain/deleteIn.js","../node_modules/redux-form/es/structure/plain/keys.js","../node_modules/redux-form/es/structure/plain/index.js","../node_modules/lodash/_baseIteratee.js","../node_modules/redux/es/redux.js","../node_modules/material-ui/index.es.js","../node_modules/react-dom/index.js","../node_modules/lodash-es/isArray.js","../node_modules/material-ui/SvgIcon/index.js","../node_modules/lodash/_baseRest.js","../node_modules/lodash-es/_root.js","../node_modules/recompose/pure.js","../node_modules/@babel/runtime/helpers/esm/classCallCheck.js","../node_modules/@babel/runtime/helpers/esm/createClass.js","../node_modules/@babel/runtime/helpers/esm/getPrototypeOf.js","../node_modules/lodash-es/isObject.js","../node_modules/@babel/runtime/helpers/esm/typeof.js","../node_modules/@babel/runtime/helpers/esm/possibleConstructorReturn.js","../node_modules/@babel/runtime/helpers/esm/assertThisInitialized.js","../node_modules/@babel/runtime/helpers/esm/setPrototypeOf.js","../node_modules/@babel/runtime/helpers/esm/inherits.js","../node_modules/core-js/library/modules/_core.js","../node_modules/warning/browser.js","../node_modules/lodash-es/isObjectLike.js","../node_modules/material-ui/Paper/index.js","../node_modules/lodash/_arrayMap.js","../node_modules/lodash/toInteger.js","../node_modules/lodash-es/_coreJsData.js","../node_modules/lodash-es/_isMasked.js","../node_modules/lodash-
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GACA,YAAAT,IAAAte,EAAAk2C,EAAMdsV,EAAA,EAAK/9K,MAAAyuC,EAAAnxC,EAAA/E,IACjD,OCrB
QW,EAAA,EAAA86L,EAABjW,EAAA","file":"static/js/1.66a8a6fc.chunk.js","sourcesContent":["use
strict";\n\nif (process.env.NODE_ENV === 'production') {\n  module.exports =
require('./cjs/react.production.min.js');\n} else {\n  module.exports = require('./cjs/react.development.js');\n}","/**\n
* Copyright (c) 2013-present, Facebook, Inc.\n * This source code is licensed under the MIT license found in
the\n * LICENSE file in the root directory of this source tree.\n */\n\nif (process.env.NODE_ENV !== 'production')
{\n  var REACT_ELEMENT_TYPE = typeof Symbol === 'function' && Symbol.for &&
Symbol.for('react.element') || 0xeac7;\n\n  var isValidElement = function isValidElement(object) {\n    return typeof
object === 'object' && object !== null && object.$typeof === REACT_ELEMENT_TYPE;\n  }; // By explicitly
using `prop-types` you are opting into new development behavior.\n // http://fb.me/prop-types-in-prod\n\n  var
throwOnDirectAccess = true;\n  module.exports = require('./factoryWithTypeCheckers')(isValidElement,
throwOnDirectAccess);\n} else {\n  // By explicitly using `prop-types` you are opting into new production
behavior.\n // http://fb.me/prop-types-in-prod\n  module.exports =
require('./factoryWithThrowingShims')();\n}","use strict";\n\n\nexports.__esModule = true;\n\n\nexports.default =
function (instance, Constructor) {\n  if (!(instance instanceof Constructor)) {\n    throw new TypeError("Cannot call
a class as a function");\n  }\n};","use strict";\n\n\nexports.__esModule = true;\n\n\nvar _defineProperty =
require("../core-js/object/define-property");\n\n\nvar _defineProperty2 =
_interopRequireDefault(_defineProperty);\n\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };}\n\n\n\nexports.default = function () {\n  function
defineProperties(target, props) {\n    for (var i = 0; i < props.length; i++) {\n      var descriptor = props[i];\n
descriptor.enumerable = descriptor.enumerable || false;\n      descriptor.configurable = true;\n      if ("value" in
descriptor) descriptor.writable = true;\n      (_defineProperty2.default)(target, descriptor.key, descriptor);\n    }\n  }\n\n  return function (Constructor, protoProps, staticProps) {\n    if (protoProps)
defineProperties(Constructor.prototype, protoProps);\n    if (staticProps) defineProperties(Constructor,
staticProps);\n    return Constructor;\n  };}\n};","module.exports = {\n  \"default\": require(\"core-
js/library/fn/object/get-prototype-of\"),\n  __esModule: true\n};","use strict";\n\n\nexports.__esModule =
true;\n\n\nvar _typeof2 = require("../helpers/typeof");\n\n\nvar _typeof3 =
_interopRequireDefault(_typeof2);\n\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n  };}\n\n\n\nexports.default = function (self, call) {\n  if (!self) {\n    throw new
ReferenceError("this hasn't been initialised - super() hasn't been called");\n  }\n\n  return call && (typeof call ===
\"undefined\" ? \"undefined\" : (_typeof3.default)(call)) === \"object\" || typeof call === \"function\") ? call :
self;\n};","use strict";\n\n\nexports.__esModule = true;\n\n\nvar _setPrototypeOf = require("../core-js/object/set-
prototype-of");\n\n\nvar _setPrototypeOf2 = _interopRequireDefault(_setPrototypeOf);\n\n\nvar _create =
require("../core-js/object/create");\n\n\nvar _create2 = _interopRequireDefault(_create);\n\n\nvar _typeof2 =

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require("../helpers/typeof");\n\nvar _typeof3 = _interopRequireDefault(_typeof2);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };}\n\n\nexports.default
= function (subClass, superClass) {\n  if (typeof superClass !== "function" && superClass !== null) {\n    throw
new TypeError("Super expression must either be null or a function, not '" + (typeof superClass === "undefined" ?
"undefined" : (0, _typeof3.default)(superClass)));}\n  }\n\n  subClass.prototype = (0, _create2.default)(superClass
&& superClass.prototype, {\n    constructor: {\n      value: subClass,\n      enumerable: false,\n      writable: true,\n
configurable: true\n    }\n  });\n  if (superClass) _setPrototypeOf2.default ? (0, _setPrototypeOf2.default)(subClass,
superClass) : subClass.__proto__ = superClass;\n};","module.exports = function (target) {\n  for (var i = 1; i <
arguments.length; i++) {\n    var source = arguments[i];\n\n    for (var key in source) {\n      if
(Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n    }\n  }\n  return
target;\n};","use strict";\n\n\nexports.__esModule = true;\n\nvar _assign = require("../core-
js/object/assign");\n\nvar _assign2 = _interopRequireDefault(_assign);\n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : {\n  default: obj\n};}\n\n\nexports.default = _assign2.default || function
(target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments[i];\n\n    for (var key in source)
{\n      if (Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n    }\n  }
}\n\n  return target;\n};","use strict";\n\n\nexports.__esModule = true;\n\n\nexports.default = function (obj, keys) {\n
var target = {};\n\n  for (var i in obj) {\n    if (keys.indexOf(i) >= 0) continue;\n    if
(!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n    target[i] = obj[i];\n  }\n\n  return target;\n};","export
var prefix = '@@redux-form/';\n\nexport var ARRAY_INSERT = prefix + 'ARRAY_INSERT';\n\nexport var
ARRAY_MOVE = prefix + 'ARRAY_MOVE';\n\nexport var ARRAY_POP = prefix + 'ARRAY_POP';\n\nexport var
ARRAY_PUSH = prefix + 'ARRAY_PUSH';\n\nexport var ARRAY_REMOVE = prefix +
'ARRAY_REMOVE';\n\nexport var ARRAY_REMOVE_ALL = prefix + 'ARRAY_REMOVE_ALL';\n\nexport var
ARRAY_SHIFT = prefix + 'ARRAY_SHIFT';\n\nexport var ARRAY_SPLICE = prefix +
'ARRAY_SPLICE';\n\nexport var ARRAY_UNSHIFT = prefix + 'ARRAY_UNSHIFT';\n\nexport var ARRAY_SWAP
= prefix + 'ARRAY_SWAP';\n\nexport var AUTOFILL = prefix + 'AUTOFILL';\n\nexport var BLUR = prefix +
'BLUR';\n\nexport var CHANGE = prefix + 'CHANGE';\n\nexport var CLEAR_FIELDS = prefix +
'CLEAR_FIELDS';\n\nexport var CLEAR_SUBMIT = prefix + 'CLEAR_SUBMIT';\n\nexport var
CLEAR_SUBMIT_ERRORS = prefix + 'CLEAR_SUBMIT_ERRORS';\n\nexport var CLEAR_ASYNC_ERROR =
prefix + 'CLEAR_ASYNC_ERROR';\n\nexport var DESTROY = prefix + 'DESTROY';\n\nexport var FOCUS = prefix
+ 'FOCUS';\n\nexport var INITIALIZE = prefix + 'INITIALIZE';\n\nexport var REGISTER_FIELD = prefix +
'REGISTER_FIELD';\n\nexport var RESET = prefix + 'RESET';\n\nexport var RESET_SECTION = prefix +
'RESET_SECTION';\n\nexport var SET_SUBMIT_FAILED = prefix + 'SET_SUBMIT_FAILED';\n\nexport var
SET_SUBMIT_SUCCEEDED = prefix + 'SET_SUBMIT_SUCCEEDED';\n\nexport var
START_ASYNC_VALIDATION = prefix + 'START_ASYNC_VALIDATION';\n\nexport var START_SUBMIT =
prefix + 'START_SUBMIT';\n\nexport var STOP_ASYNC_VALIDATION = prefix +
'STOP_ASYNC_VALIDATION';\n\nexport var STOP_SUBMIT = prefix + 'STOP_SUBMIT';\n\nexport var SUBMIT
= prefix + 'SUBMIT';\n\nexport var TOUCH = prefix + 'TOUCH';\n\nexport var UNREGISTER_FIELD = prefix +
'UNREGISTER_FIELD';\n\nexport var UNTOUCH = prefix + 'UNTOUCH';\n\nexport var
UPDATE_SYNC_ERRORS = prefix + 'UPDATE_SYNC_ERRORS';\n\nexport var UPDATE_SYNC_WARNINGS
= prefix + 'UPDATE_SYNC_WARNINGS';","use strict";\n\n\nObject.defineProperty(exports, "__esModule", {\n
value: true\n});\n\n\nexports.default = {\n  easeOutFunction: 'cubic-bezier(0.23, 1, 0.32, 1)',\n  easeInOutFunction:
'cubic-bezier(0.445, 0.05, 0.55, 0.95)',\n  easeOut: function easeOut(duration, property, delay, easeFunction) {\n
easeFunction = easeFunction || this.easeOutFunction;\n\n    if (property && Object.prototype.toString.call(property)
=== '[object Array]') {\n      var transitions = "";\n\n      for (var i = 0; i < property.length; i++) {\n        if
(transitions) transitions += ',';\n        transitions += this.create(duration, property[i], delay, easeFunction);\n      }\n\n      return
transitions;\n    } else {\n      return this.create(duration, property, delay, easeFunction);\n    }\n  },\n  create: function
create(duration, property, delay, easeFunction) {\n    duration = duration || '450ms';\n    property = property || 'all';\n    delay
= delay || '0ms';\n    easeFunction = easeFunction || 'linear';\n    return property + ' ' + duration + ' ' +

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easeFunction + ' + delay;\n } }";
function _toConsumableArray(arr) {\n if (Array.isArray(arr)) {\n for (var i =
0, arr2 = Array(arr.length); i < arr.length; i++) {\n arr2[i] = arr[i];\n }\n return arr2;\n } else {\n return
Array.from(arr);\n }\n}\n\nvar splice = function splice(array, index, removeNum, value) {\n array = array || [];\n\n
if (index < array.length) {\n if (value === undefined && !removeNum) {\n // inserting undefined\n var
_copy2 = [].concat(_toConsumableArray(array));\n\n _copy2.splice(index, 0, true); // temporary
placeholder\n\n _copy2[index] = undefined; // set to undefined\n\n return _copy2;\n }\n\n if (value !=
null) {\n var _copy3 = [].concat(_toConsumableArray(array));\n\n _copy3.splice(index, removeNum, value);\n
// removing and adding\n\n\n return _copy3;\n }\n\n var _copy = [].concat(_toConsumableArray(array));\n\n
_copy.splice(index, removeNum); // removing\n\n\n return _copy;\n }\n\n if (removeNum) {\n // trying to
remove non-existent item: return original array\n return array;\n } // trying to add outside of range: just set
value\n\n\n var copy = [].concat(_toConsumableArray(array));\n copy[index] = value;\n return copy;\n };\n\n\nexport
default splice;";
"import _toPath from 'lodash-es/toPath';\n\n\nvar getIn = function getIn(state, field) {\n if (!state) {\n
return state;\n }\n\n var path = _toPath(field);\n\n var length = path.length;\n\n if (!length) {\n return
undefined;\n }\n\n var result = state;\n\n for (var i = 0; i < length && result; ++i) {\n result = result[path[i]];\n
}\n\n return result;\n };\n\n\nexport default getIn;";
"import _toPath from 'lodash-es/toPath';\n\n\nvar _extends =
Object.assign || function (target) {\n for (var i = 1; i < arguments.length; i++) {\n var source = arguments[i];\n\n
for (var key in source) {\n if (Object.prototype.hasOwnProperty.call(source, key)) {\n target[key] =
source[key];\n }\n }\n }\n\n return target;\n };\n\n\nfunction _defineProperty(obj, key, value) {\n if (key in obj)
{\n Object.defineProperty(obj, key, {\n value: value,\n enumerable: true,\n configurable: true,\n
writable: true\n });\n } else {\n obj[key] = value;\n }\n\n return obj;\n };\n\n\nvar setInWithPath = function
setInWithPath(state, value, path, pathIndex) {\n if (pathIndex >= path.length) {\n return value;\n }\n\n var first =
path[pathIndex];\n var firstState = state && (Array.isArray(state) ? state[Number(first)] : state[first]);\n var next =
setInWithPath(firstState, value, path, pathIndex + 1);\n\n if (!state) {\n if (isNaN(first)) {\n return
_defineProperty({}, first, next);\n }\n\n var initialized = [];\n initialized[parseInt(first, 10)] = next;\n return
initialized;\n }\n\n if (Array.isArray(state)) {\n var copy = [].concat(state);\n copy[parseInt(first, 10)] = next;\n
return copy;\n }\n\n return _extends({}, state, _defineProperty({}, first, next));\n };\n\n\nvar setIn = function
setIn(state, field, value) {\n return setInWithPath(state, value, _toPath(field), 0);\n };\n\n\nexport default
setIn;";
"import _isEqualWith from 'lodash-es/isEqualWith';\n\n\nimport React from 'react';\n\n\nvar customizer = function
customizer(obj, other) {\n if (obj === other) return true;\n\n if (!obj && !other) {\n var objIsEmpty = obj ===
null || obj === undefined || obj === "";\n var otherIsEmpty = other === null || other === undefined || other ===
"";\n return objIsEmpty === otherIsEmpty;\n }\n\n if (obj && other && obj._error !== other._error) return false;\n if
(obj && other && obj._warning !== other._warning) return false;\n if (React.isValidElement(obj) ||
React.isValidElement(other)) return false;\n };\n\n\nvar deepEqual = function deepEqual(a, b) {\n return
_isEqualWith(a, b, customizer);\n };\n\n\nexport default deepEqual;";
"import _toPath from 'lodash-es/toPath';\n\n\nvar _extends = Object.assign || function (target) {\n for (var i = 1; i < arguments.length; i++) {\n var source =
arguments[i];\n\n for (var key in source) {\n if (Object.prototype.hasOwnProperty.call(source, key)) {\n
target[key] = source[key];\n }\n }\n }\n\n return target;\n };\n\n\nfunction _defineProperty(obj, key, value) {\n if
(key in obj) {\n Object.defineProperty(obj, key, {\n value: value,\n enumerable: true,\n configurable:
true,\n writable: true\n });\n } else {\n obj[key] = value;\n }\n\n return obj;\n };\n\n\nfunction
_toConsumableArray(arr) {\n if (Array.isArray(arr)) {\n for (var i = 0, arr2 = Array(arr.length); i < arr.length;
i++) {\n arr2[i] = arr[i];\n }\n\n return arr2;\n } else {\n return Array.from(arr);\n }\n }\n\n\nfunction
deleteInWithPath(state, first) {\n if (state === undefined || state === null || first === undefined || first === null) {\n
return state;\n }\n\n for (var _len = arguments.length, rest = Array(_len > 2 ? _len - 2 : 0), _key = 2; _key < _len;
_key++) {\n rest[_key - 2] = arguments[_key];\n }\n\n if (rest.length) {\n if (Array.isArray(state)) {\n if
(isNaN(first)) {\n throw new Error('Must access array elements with a number, not \'' + String(first) + '\'.');\n
}\n\n var firstIndex = Number(first);\n\n if (firstIndex < state.length) {\n var result =
deleteInWithPath.apply(undefined, [state && state[firstIndex]].concat(_toConsumableArray(rest)));\n\n if
(result !== state[firstIndex]) {\n var copy = [].concat(_toConsumableArray(state));\n\n copy[firstIndex] =

```

```

result;\n      return copy;\n    }\n  }\n\n  return state;\n}\n\nif (first in state) {\n  var _result =
deleteInWithPath.apply(undefined, [state && state[first]].concat(_toConsumableArray(rest));\n\n  return
state[first] === _result ? state : _extends({}, state, _defineProperty({}, first, _result));\n}\n\nreturn state;\n}\n\nif (Array.isArray(state)) {\n  if (isNaN(first)) {\n    throw new Error('Cannot delete non-numerical index
from an array. Given: \'' + String(first));\n  }\n\n  var _firstIndex = Number(first);\n\n  if (_firstIndex <
state.length) {\n    var _copy = [].concat(_toConsumableArray(state));\n\n    _copy.splice(_firstIndex, 1);\n\n    return _copy;\n  }\n\n  return state;\n}\n\nif (first in state) {\n  var _copy2 = _extends({}, state);\n\n  delete
_copy2[first];\n  return _copy2;\n}\n\nreturn state;\n}\n\n\nvar deleteIn = function deleteIn(state, field) {\n  return
deleteInWithPath.apply(undefined, [state].concat(_toConsumableArray(_toPath(field)));\n};\n\n\nexport default
deleteIn;","function keys(value) {\n  if (!value) {\n    return [];\n  }\n\n  if (Array.isArray(value)) {\n    return
value.map(function (i) {\n      return i.name;\n    });\n  }\n\n  return Object.keys(value);\n}\n\n\nexport default
keys;","import splice from './splice';\nimport getIn from './getIn';\nimport setIn from './setIn';\nimport deepEqual
from './deepEqual';\nimport deleteIn from './deleteIn';\nimport keys from './keys';\nvar structure = {\n  allowsArrayErrors: true,\n  empty: {},\n  emptyList: [],\n  getIn: getIn,\n  setIn: setIn,\n  deepEqual: deepEqual,\n  deleteIn: deleteIn,\n  forEach: function forEach(items, callback) {\n    return items.forEach(callback);\n  },\n  fromJS: function fromJS(value) {\n    return value;\n  },\n  keys: keys,\n  size: function size(array) {\n    return array
? array.length : 0;\n  },\n  some: function some(items, callback) {\n    return items.some(callback);\n  },\n  splice:
splice,\n  toJS: function toJS(value) {\n    return value;\n  }\n};\n\nexport default structure;","var baseMatches =
require('./_baseMatches'),\n  baseMatchesProperty = require('./_baseMatchesProperty'),\n  identity =
require('./identity'),\n  isArray = require('./isArray'),\n  property = require('./property');\n\n/**\n * The base
implementation of `_.iteratee`.\n * @private\n * @param {*} [value=_identity] The value to convert to an
iteratee.\n * @returns {Function} Returns the iteratee.\n */\n\nfunction baseIteratee(value) {\n  // Don't store the
`typeof` result in a variable to avoid a JIT bug in Safari 9.\n  // See https://bugs.webkit.org/show_bug.cgi?id=156034
for more details.\n  if (typeof value === 'function') {\n    return value;\n  }\n\n  if (value === null) {\n    return
identity;\n  }\n\n  if (typeof value === 'object') {\n    return isArray(value) ? baseMatchesProperty(value[0], value[1])
: baseMatches(value);\n  }\n\n  return property(value);\n}\n\nmodule.exports = baseIteratee;","import $$observable
from 'symbol-observable';\n\n/**\n * These are private action types reserved by Redux.\n * For any unknown actions,
you must return the current state.\n * If the current state is undefined, you must return the initial state.\n * Do not
reference these action types directly in your code.\n */\n\nvar randomString = function randomString() {\n  return
Math.random().toString(36).substring(7).split('').join('.');\n};\n\nvar ActionTypes = {\n  INIT: "@@redux/INIT" +
randomString(),\n  REPLACE: "@@redux/REPLACE" + randomString(),\n  PROBE_UNKNOWN_ACTION:
function PROBE_UNKNOWN_ACTION() {\n    return "@@redux/PROBE_UNKNOWN_ACTION" +
randomString();\n  }\n};\n\n/**\n * @param {any} obj The object to inspect.\n * @returns {boolean} True if the
argument appears to be a plain object.\n */\n\nfunction isPlainObject(obj) {\n  if (typeof obj !== 'object' || obj ===
null) return false;\n  var proto = obj;\n  while (Object.getPrototypeOf(proto) !== null) {\n    proto =
Object.getPrototypeOf(proto);\n  }\n\n  return Object.getPrototypeOf(obj) === proto;\n}\n\n/**\n * Creates a Redux
store that holds the state tree.\n * The only way to change the data in the store is to call `dispatch()` on it.\n *
There should only be a single store in your app. To specify how different\n * parts of the state tree respond to
actions, you may combine several reducers\n * into a single reducer function by using `combineReducers`.\n * @param {Function} reducer A function that returns the next state tree, given\n * the current state tree and the action
to handle.\n * @param {any} [preloadedState] The initial state. You may optionally specify it\n * to hydrate the
state from the server in universal apps, or to restore a\n * previously serialized user session.\n * If you use
`combineReducers` to produce the root reducer function, this must be\n * an object with the same shape as
`combineReducers` keys.\n * @param {Function} [enhancer] The store enhancer. You may optionally specify
it\n * to enhance the store with third-party capabilities such as middleware,\n * time travel, persistence, etc. The
only store enhancer that ships with Redux\n * is `applyMiddleware`.\n * @returns {Store} A Redux store that
lets you read the state, dispatch actions\n * and subscribe to changes.\n */\n\nfunction createStore(reducer,
preloadedState, enhancer) {\n  var _ref2;\n\n  if (typeof preloadedState === 'function' && typeof enhancer ===

```

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'function' || typeof enhancer === 'function' && typeof arguments[3] === 'function') {\n  throw new Error('It looks
like you are passing several store enhancers to ' + 'createStore(). This is not supported. Instead, compose them ' +
'together to a single function');\n }\n\n if (typeof preloadedState === 'function' && typeof enhancer ===
'undefined') {\n  enhancer = preloadedState;\n  preloadedState = undefined;\n }\n\n if (typeof enhancer !==
'undefined') {\n  if (typeof enhancer !== 'function') {\n    throw new Error('Expected the enhancer to be a
function.');

```



```

Error('Actions may not have an undefined \'type\' property. ' + 'Have you misspelled a constant?');
}
if (isDispatching) {
  throw new Error('Reducers may not dispatch actions.');
```

```

}
try {
  isDispatching = true;
  currentState = currentReducer(currentState, action);
} finally {
  isDispatching = false;
}
var listeners = currentListeners = nextListeners;
for (var i = 0; i < listeners.length; i++) {
  var listener = listeners[i];
  listener();
}
return action;
}
/**
 * Replaces the reducer currently used by the store
to calculate the state.
 *
 * You might need this if your app implements code splitting and you want to
 * load some of the reducers dynamically. You might also need this if you
 * implement a hot reloading mechanism for Redux.
 *
 * @param {Function} nextReducer The reducer for the store to use instead.
 * @returns {void}
 */
function replaceReducer(nextReducer) {
  if (typeof nextReducer !== 'function') {
    throw new Error('Expected the nextReducer to be a function.');
```

```

}
currentReducer = nextReducer;
dispatch({
  type: ActionTypes.REPLACE
});
}
/**
 * Interoperability point for observable/reactive libraries.
 *
 * @returns {observable} A minimal observable of state changes.
 * For more information, see the observable
proposal:
 * https://github.com/tc39/proposal-observable
 */
function observable() {
  var _ref;
  var outerSubscribe = subscribe;
  return _ref = {
    /**
     * The minimal observable subscription method.
     *
     * @param {Object} observer Any object that can be used as an observer.
     * The observer object should have a `next` method.
     *
     * @returns {subscription} An object with an `unsubscribe` method that can
     * be used to unsubscribe the observable from the store, and prevent further
     * emission of values from the observable.
     */
    subscribe: function subscribe(observer) {
      if (typeof observer !== 'object' || observer === null) {
        throw new TypeError('Expected the observer to be an object.');
```

```

}
function observeState() {
  if (observer.next) {
    observer.next(getState());
  }
  observeState();
  var unsubscribe = outerSubscribe(observeState);
  return {
    unsubscribe: unsubscribe
  },
  _ref[$$observable] = function () {
    return this;
  }, _ref;
} // When a store is created, an "INIT" action is
dispatched so that every
// reducer returns their initial state. This effectively populates
// the initial state
tree.
dispatch({
  type: ActionTypes.INIT
});
return _ref2 = {
  dispatch: dispatch,
  subscribe:
  subscribe,
  getState: getState,
  replaceReducer: replaceReducer
}, _ref2[$$observable] = observable,
_ref2;
}
/**
 * Prints a warning in the console if it exists.
 *
 * @param {String} message The warning
message.
 * @returns {void}
 */
function warning(message) {
  /* eslint-disable no-console */
  if (typeof console !== 'undefined' && typeof console.error === 'function') {
    console.error(message);
  }
  /* eslint-enable no-console */
  try {
    // This error was thrown as a convenience so that if you enable
    // "break on all exceptions" in your console,
    // it would pause the execution at this line.
    throw new Error(message);
  } catch (e) {}
  /* eslint-disable line no-empty */
}
function getUndefinedStateErrorMessage(key, action) {
  var actionType = action && action.type;
  var actionDescription = actionType && "action '" + String(actionType) + "' || 'an action';
  return "Given " + actionDescription + ", reducer '" + key + "' returned undefined. "
  + "To ignore an action, you must explicitly return the previous state. "
  + "If you want this reducer to hold no value, you can return null instead of undefined.";
}
function getUnexpectedStateShapeWarningMessage(inputState, reducers, action, unexpectedKeyCache) {
  var reducerKeys = Object.keys(reducers);
  var argumentName = action && action.type === ActionTypes.INIT ?
  'preloadedState argument passed to createStore' : 'previous state received by the reducer';
  if (reducerKeys.length === 0) {
    return 'Store does not have a valid reducer. Make sure the argument passed ' + 'to combineReducers is
an object whose values are reducers.';
  }
  if (!isPlainObject(inputState)) {
    return "The " + argumentName + " has unexpected type of " + {}.toString.call(inputState).match(/s([a-z][A-Z]+)/)[1] + ". Expected
argument to be an object with the following " + ("keys: " + reducerKeys.join(", ") + " | ").replace(/, /g, " | ").replace(/"/g, "");
  }
  var unexpectedKeys = Object.keys(inputState).filter(function (key) {
    return !reducers.hasOwnProperty(key) && !unexpectedKeyCache[key];
  });
  unexpectedKeys.forEach(function (key) {
    unexpectedKeyCache[key] = true;
  });
  if (action && action.type === ActionTypes.REPLACE) return;
  if (unexpectedKeys.length > 0) {
    return "Unexpected " + (unexpectedKeys.length > 1 ? 'keys' : 'key') + " " + ("'" +
    unexpectedKeys.join(", ") + "'") + " found in " + argumentName + ". " + "Expected to find one of the known
reducer keys instead: " + ("'" + reducerKeys.join(", ") + "'").replace(/"/g, "");
  }
}

```

```

}
}

function assertReducerShape(reducers) {
  Object.keys(reducers).forEach(function (key) {
    var reducer = reducers[key];
    var initialState = reducer(undefined, { type: ActionTypes.INIT });

    if (typeof initialState === 'undefined')
      throw new Error(
        "Reducer \"" + key + "\" returned undefined during initialization.
        If the state passed to the reducer is undefined, you must explicitly return the initial state.
        The initial state may not be undefined. If you don't want to set a value for this reducer,
        you can use null instead of undefined.");
  });

  if (typeof reducer(undefined, { type: ActionTypes.PROBE_UNKNOWN_ACTION() }) === 'undefined')
    throw new Error(
      "Reducer \"" + key + "\" returned undefined when probed with a random type.
      (Don't try to handle ActionTypes.INIT or other actions in \"redux/*\" namespace.
      They are considered private. Instead, you must return the current state for any unknown actions,
      unless it is undefined, in which case you must return the initial state, regardless of the action type.
      The initial state may not be undefined, but can be null.");
  });
}

* Turns an object whose values are different reducer functions, into a single reducer function.
It will call every child reducer, and gather their results into a single state object,
whose keys correspond to the keys of the passed reducer functions.

@param {Object} reducers An object whose values correspond to different reducer functions
that need to be combined into one. One handy way to obtain it is to use ES6 `import * as
reducers` syntax. The reducers may never return undefined for any action. Instead, they
should return their initial state if the state passed to them was undefined, and the current
state for any unrecognized action.

@returns {Function} A reducer function that invokes every reducer inside the passed object,
and builds a state object with the same shape.

function combineReducers(reducers) {
  var reducerKeys = Object.keys(reducers);
  var finalReducers = {};

  for (var i = 0; i < reducerKeys.length; i++) {
    var key = reducerKeys[i];

    if (process.env.NODE_ENV !== 'production') {
      if (typeof reducers[key] === 'undefined') {
        warning("No reducer provided for key \"" + key + "\"");
      }
    }

    if (typeof reducers[key] === 'function') {
      finalReducers[key] = reducers[key];
    }
  }

  var finalReducerKeys = Object.keys(finalReducers);

  if (process.env.NODE_ENV !== 'production') {
    if (!unexpectedKeyCache) {
      unexpectedKeyCache = {};
    }

    var shapeAssertionError;

    try {
      assertReducerShape(finalReducers);
    } catch (e) {
      shapeAssertionError = e;
    }

    return function combination(state, action) {
      if (state === void 0) {
        state = {};
      }

      if (shapeAssertionError) {
        throw shapeAssertionError;
      }

      if (process.env.NODE_ENV !== 'production') {
        var warningMessage = getUnexpectedStateShapeWarningMessage(
          state, finalReducers, action, unexpectedKeyCache);

        if (warningMessage) {
          warning(warningMessage);
        }
      }

      var hasChanged = false;
      var nextState = {};

      for (var _i = 0; _i < finalReducerKeys.length; _i++) {
        var _key = finalReducerKeys[_i];
        var reducer = finalReducers[_key];
        var previousStateForKey = state[_key];
        var nextStateForKey = reducer(previousStateForKey, action);

        if (typeof nextStateForKey === 'undefined') {
          var errorMessage = getUndefinedStateErrorMessage(_key, action);
          throw new Error(errorMessage);
        }

        nextState[_key] = nextStateForKey;
        hasChanged = hasChanged || nextStateForKey !== previousStateForKey;
      }

      return hasChanged ? nextState : state;
    };
  }

  return function bindActionCreator(actionCreator, dispatch) {
    return function () {
      return dispatch(actionCreator.apply(this, arguments));
    };
  };
}

* Turns an object whose values are action creators, into an object with the same keys,
but with every function wrapped into a `dispatch` call so they may be invoked directly.
This is just a convenience method, as you can call `store.dispatch(MyActionCreators.doSomething())`
yourself just fine.

* For convenience, you can also pass a single function as the first argument,
and get a function in return.

@param {Function|Object} actionCreators An object whose values are action creator functions.
One handy way to obtain it is to use ES6 `import * as` syntax. You may also pass a single function.

@param {Function} dispatch The `dispatch` function available on your Redux store.

@returns {Function|Object} The object mimicking the original object, but with every action creator
wrapped into the `dispatch` call. If you passed a function as `actionCreators`, the return value
will also be a single function.

function bindActionCreators(actionCreators, dispatch) {
  if (typeof actionCreators === 'function') {
    return bindActionCreator(actionCreators, dispatch);
  }

  if (typeof actionCreators !== 'object' || !actionCreators)

```

```

null) {\n  throw new Error(`bindActionCreators expected an object or a function, instead received ` +
(actionCreators === null ? 'null' : typeof actionCreators) + ``. ` + `Did you write `importActionCreators from`
instead of `import * asActionCreators from`?`);
}\n\n var keys = Object.keys(actionCreators);\n var
boundActionCreators = {};\n\n for (var i = 0; i < keys.length; i++) {\n  var key = keys[i];\n  var actionCreator =
actionCreators[key];\n\n  if (typeof actionCreator === 'function') {\n    boundActionCreators[key] =
bindActionCreators(actionCreator, dispatch);\n  }\n }\n\n return boundActionCreators;\n}\n\nfunction
_defineProperty(obj, key, value) {\n  if (key in obj) {\n    Object.defineProperty(obj, key, {\n      value: value,\n      enumerable: true,\n      configurable: true,\n      writable: true\n    });\n  } else {\n    obj[key] = value;\n  }\n\n  return
obj;\n}\n\nfunction _objectSpread(target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source =
arguments[i] != null ? arguments[i] : {};\n    var ownKeys = Object.keys(source);\n\n    if (typeof
Object.getOwnPropertySymbols === 'function') {\n      ownKeys =
ownKeys.concat(Object.getOwnPropertySymbols(source).filter(function (sym) {\n        return
Object.getOwnPropertyDescriptor(source, sym).enumerable;\n      }));\n    }\n\n    ownKeys.forEach(function (key)
{\n      _defineProperty(target, key, source[key]);\n    });\n  }\n\n  return target;\n}\n\n**\n * Composes single-
argument functions from right to left. The rightmost\n * function can take multiple arguments as it provides the
signature for\n * the resulting composite function.\n * @param {...Function} funcs The functions to compose.\n
* @returns {Function} A function obtained by composing the argument functions\n * from right to left. For
example, compose(f, g, h) is identical to doing\n * (...args) => f(g(h(...args))).\n *\n\nfunction compose() {\n  for
(var _len = arguments.length, funcs = new Array(_len), _key = 0; _key < _len; _key++) {\n    funcs[_key] =
arguments[_key];\n  }\n\n  if (funcs.length === 0) {\n    return function (arg) {\n      return arg;\n    };
}\n\n  if (funcs.length === 1) {\n    return funcs[0];\n  }\n\n  return funcs.reduce(function (a, b) {\n    return
function () {\n      return a(b.apply(void 0, arguments));\n    };
  });\n}\n\n**\n * Creates a store enhancer that applies middleware to
the dispatch method\n * of the Redux store. This is handy for a variety of tasks, such as expressing\n * asynchronous
actions in a concise manner, or logging every action payload.\n * @param {...Function} middlewares The middleware chain to be
applied.\n * @returns {Function} A store enhancer applying the middleware.\n *\n\nfunction applyMiddleware()
{\n  for (var _len = arguments.length, middlewares = new Array(_len), _key = 0; _key < _len; _key++) {\n    middlewares[_key] =
arguments[_key];\n  }\n\n  return function (createStore) {\n    return function () {\n      var
store = createStore.apply(void 0, arguments);\n      var _dispatch = function dispatch() {\n        throw new
Error(`Dispatching while constructing your middleware is not allowed. ` + `Other middleware would not be
applied to this dispatch.`);
      }\n      var middlewareAPI = {\n        getState: store.getState,\n        dispatch:
function dispatch() {\n          return _dispatch.apply(void 0, arguments);\n        }
      }\n      var chain =
middlewares.map(function (middleware) {\n        return middleware(middlewareAPI);\n      });\n      _dispatch =
compose.apply(void 0, chain)(store.dispatch);\n      return _objectSpread({}, store, {\n        dispatch: _dispatch\n
});\n    }\n  }\n}\n\n**\n * This is a dummy function to check if the function name has been altered by minification.\n
* If the function has been minified and NODE_ENV !== 'production', warn the user.\n *\n\nfunction isCrushed()
{\n  if (process.env.NODE_ENV !== 'production' && typeof isCrushed.name === 'string' && isCrushed.name
!== 'isCrushed') {\n    warning(`You are currently using minified code outside of NODE_ENV === `production``. ` +
`This means that you are running a slower development build of Redux. ` + `You can use loose-envify
(https://github.com/zertosh/loose-envify) for browserify ` + `or setting mode to production in webpack
(https://webpack.js.org/concepts/mode/) ` + `to ensure you have the correct code for your production
build.`);\n  }\n}\n\nexport { createStore, combineReducers, bindActionCreators, applyMiddleware, compose,
ActionTypes as __DO_NOT_USE__ActionTypes };
","import _AppBar from './AppBar';\nexport { _AppBar as
AppBar };
\nimport _AutoComplete from './AutoComplete';\nexport { _AutoComplete as AutoComplete };
\nimport _Avatar from './Avatar';\nexport { _Avatar as Avatar };
\nimport _Badge from './Badge';\nexport { _Badge as Badge
};
\nimport _BottomNavigation from './BottomNavigation';\nexport { _BottomNavigation as BottomNavigation

```

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};\nimport _BottomNavigationItem from './BottomNavigation/BottomNavigationItem';\nextport {
  _BottomNavigationItem as BottomNavigationItem };
\nimport _Card from './Card';\nextport { _Card as Card
};
\nimport _CardActions from './Card/CardActions';\nextport { _CardActions as CardActions };
\nimport
  _CardHeader from './Card/CardHeader';\nextport { _CardHeader as CardHeader };
\nimport _CardMedia from
  './Card/CardMedia';\nextport { _CardMedia as CardMedia };
\nimport _CardTitle from './Card/CardTitle';\nextport {
  _CardTitle as CardTitle };
\nimport _CardText from './Card/CardText';\nextport { _CardText as CardText };
\nimport
  _Checkbox from './Checkbox';\nextport { _Checkbox as Checkbox };
\nimport _Chip from './Chip';\nextport { _Chip
  as Chip };
\nimport _CircularProgress from './CircularProgress';\nextport { _CircularProgress as CircularProgress
};
\nimport _DatePicker from './DatePicker';\nextport { _DatePicker as DatePicker };
\nimport _Dialog from
  './Dialog';\nextport { _Dialog as Dialog };
\nimport _Divider from './Divider';\nextport { _Divider as Divider
};
\nimport _Drawer from './Drawer';\nextport { _Drawer as Drawer };
\nimport _DropDownMenu from
  './DropDownMenu';\nextport { _DropDownMenu as DropDownMenu };
\nimport _FlatButton from
  './FlatButton';\nextport { _FlatButton as FlatButton };
\nimport _FloatingActionButton from
  './FloatingActionButton';\nextport { _FloatingActionButton as FloatingActionButton };
\nimport _FontIcon from
  './FontIcon';\nextport { _FontIcon as FontIcon };
\nimport _GridList from './GridList';\nextport { _GridList as GridList
};
\nimport _GridTile from './GridList/GridTile';\nextport { _GridTile as GridTile };
\nimport _IconButton from
  './IconButton';\nextport { _IconButton as IconButton };
\nimport _IconMenu from './IconMenu';\nextport { _IconMenu
  as IconMenu };
\nimport _LinearProgress from './LinearProgress';\nextport { _LinearProgress as LinearProgress
};
\nimport _List from './List';\nextport { _List as List };
\nimport _ListItem from './List/ListItem';\nextport { _ListItem
  as ListItem };
\nimport _makeSelectable from './List/makeSelectable';\nextport { _makeSelectable as makeSelectable
};
\nimport _Menu from './Menu';\nextport { _Menu as Menu };
\nimport _MenuItem from './MenuItem';\nextport {
  _MenuItem as MenuItem };
\nimport _MuiThemeProvider from './styles/MuiThemeProvider';\nextport {
  _MuiThemeProvider as MuiThemeProvider };
\nimport _Paper from './Paper';\nextport { _Paper as Paper };
\nimport
  _Popover from './Popover';\nextport { _Popover as Popover };
\nimport _RadioButton from './RadioButton';\nextport {
  _RadioButton as RadioButton };
\nimport _RadioButtonsGroup from './RadioButton/RadioButtonsGroup';\nextport {
  _RadioButtonsGroup as RadioButtonsGroup };
\nimport _RaisedButton from './RaisedButton';\nextport {
  _RaisedButton as RaisedButton };
\nimport _RefreshIndicator from './RefreshIndicator';\nextport { _RefreshIndicator
  as RefreshIndicator };
\nimport _SelectField from './SelectField';\nextport { _SelectField as SelectField };
\nimport
  _Slider from './Slider';\nextport { _Slider as Slider };
\nimport _Subheader from './Subheader';\nextport { _Subheader
  as Subheader };
\nimport _SvgIcon from './SvgIcon';\nextport { _SvgIcon as SvgIcon };
\nimport _Step from
  './Stepper/Step';\nextport { _Step as Step };
\nimport _StepButton from './Stepper/StepButton';\nextport { _StepButton
  as StepButton };
\nimport _StepContent from './Stepper/StepContent';\nextport { _StepContent as StepContent
};
\nimport _StepLabel from './Stepper/StepLabel';\nextport { _StepLabel as StepLabel };
\nimport _Stepper from
  './Stepper/Stepper';\nextport { _Stepper as Stepper };
\nimport _Snackbar from './Snackbar';\nextport { _Snackbar as
  Snackbar };
\nimport _Tabs from './Tabs';\nextport { _Tabs as Tabs };
\nimport _Tab from './Tabs/Tab';\nextport {
  _Tab as Tab };
\nimport _Table from './Table';\nextport { _Table as Table };
\nimport _TableBody from
  './Table/TableBody';\nextport { _TableBody as TableBody };
\nimport _TableFooter from
  './Table/TableFooter';\nextport { _TableFooter as TableFooter };
\nimport _TableHeader from
  './Table/TableHeader';\nextport { _TableHeader as TableHeader };
\nimport _TableHeaderColumn from
  './Table/TableHeaderColumn';\nextport { _TableHeaderColumn as TableHeaderColumn };
\nimport _TableRow from
  './Table/TableRow';\nextport { _TableRow as TableRow };
\nimport _TableRowColumn from
  './Table/TableRowColumn';\nextport { _TableRowColumn as TableRowColumn };
\nimport _TextField from
  './TextField';\nextport { _TextField as TextField };
\nimport _TimePicker from './TimePicker';\nextport { _TimePicker
  as TimePicker };
\nimport _Toggle from './Toggle';\nextport { _Toggle as Toggle };
\nimport _Toolbar from
  './Toolbar';\nextport { _Toolbar as Toolbar };
\nimport _ToolbarGroup from './Toolbar/ToolbarGroup';\nextport {
  _ToolbarGroup as ToolbarGroup };
\nimport _ToolbarSeparator from './Toolbar/ToolbarSeparator';\nextport {
  _ToolbarSeparator as ToolbarSeparator };
\nimport _ToolbarTitle from './Toolbar/ToolbarTitle';\nextport {
  _ToolbarTitle as ToolbarTitle };";
\n\nfunction checkDCE() {\n  /* global

```

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__REACT_DEVTOOLS_GLOBAL_HOOK__ */\n if (typeof __REACT_DEVTOOLS_GLOBAL_HOOK__ ===
'undefined' || typeof __REACT_DEVTOOLS_GLOBAL_HOOK__.checkDCE !== 'function') {\n return;\n }\n\n
if (process.env.NODE_ENV !== 'production') {\n // This branch is unreachable because this function is only
called\n // in production, but the condition is true only in development.\n // Therefore if the branch is still here,
dead code elimination wasn't\n // properly applied.\n // Don't change the message. React DevTools relies on it.
Also make sure\n // this message doesn't occur elsewhere in this function, or it will cause\n // a false positive.\n
throw new Error('^_');\n }\n\n try {\n // Verify that the code above has been dead code eliminated (DCE'd).\n
__REACT_DEVTOOLS_GLOBAL_HOOK__.checkDCE(checkDCE);\n } catch (err) {\n // DevTools shouldn't
crash React, no matter what.\n // We should still report in case we break this code.\n console.error(err);\n
}\n}\n\nif (process.env.NODE_ENV === 'production') {\n // DCE check should happen before ReactDOM bundle
executes so that\n // DevTools can report bad minification during injection.\n checkDCE();\n module.exports =
require('./cjs/react-dom.production.min.js');\n} else {\n module.exports = require('./cjs/react-
dom.development.js');\n}"/**\n * Checks if `value` is classified as an `Array` object.\n * \n * @static\n *
@memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns
{boolean} Returns `true` if `value` is an array, else `false`.\n * @example\n *\n * _.isArray([1, 2, 3]);\n * // =>
true\n *\n * _.isArray(document.body.children);\n * // => false\n *\n * _.isArray('abc');\n * // => false\n *\n *
_.isArray(_.noop);\n * // => false\n *\n * \nvar isArray = Array.isArray;\n\nexport default isArray;"/**\n *use
strict;*\n\nObject.defineProperty(exports, '__esModule', {\n value: true\n});\n\nexports.default = undefined;\n\n\nvar
_SvgIcon = require('./SvgIcon');\n\nvar _SvgIcon2 = _interopRequireDefault(_SvgIcon);\n\nfunction
_interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };}\n\n\nexports.default
= _SvgIcon2.default;"/**\n * var identity = require('./identity'),\n overRest = require('./_overRest'),\n setToString =
require('./_setToString');\n\n\n\n * The base implementation of `_.rest` which doesn't validate or coerce arguments.\n
*\n * @private\n * @param {Function} func The function to apply a rest parameter to.\n * @param {number}
[start=func.length-1] The start position of the rest parameter.\n * @returns {Function} Returns the new function.\n
*\n *\n\nfunction baseRest(func, start) {\n return setToString(overRest(func, start, identity), func +
'');\n}\n\n\nmodule.exports = baseRest;"/**\n * import freeGlobal from './_freeGlobal.js';\n\n\n * Detect free variable `self` .\n
*\n *\n\nvar freeSelf = typeof self === 'object' && self && self.Object === Object && self;\n\n\n * Used as a reference to
the global object. *\n *\n\nvar root = freeGlobal || freeSelf || Function('return this')();\n\n\nexport default root;"/**\n *use
strict;*\n\n\nexports.__esModule = true;\n\n\nvar _shouldUpdate = require('./_shouldUpdate');\n\n\nvar _shouldUpdate2 =
_interopRequireDefault(_shouldUpdate);\n\n\nvar _shallowEqual = require('./_shallowEqual');\n\n\nvar _shallowEqual2 =
_interopRequireDefault(_shallowEqual);\n\n\nvar _setDisplayNames = require('./_setDisplayNames');\n\n\nvar
_setDisplayName2 = _interopRequireDefault(_setDisplayNames);\n\n\nvar _wrapDisplayName =
require('./_wrapDisplayName');\n\n\nvar _wrapDisplayName2 =
_interopRequireDefault(_wrapDisplayName);\n\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };}\n\n\n\nvar pure = function pure(BaseComponent) {\n var hoc = (0,
_shallowEqual2.default)(function (props, nextProps) {\n return !(0, _shallowEqual2.default)(props, nextProps);\n
});\n\n if (process.env.NODE_ENV !== 'production') {\n return (0, _setDisplayNames2.default)((0,
_wrapDisplayName2.default)(BaseComponent, 'pure'))(hoc(BaseComponent));\n }\n\n return
hoc(BaseComponent);\n};\n\n\nexports.default = pure;"/**\n * export default function _classCallCheck(instance,
Constructor) {\n if (!(instance instanceof Constructor)) {\n throw new TypeError("Cannot call a class as a
function");\n }\n}\n\n\n * function _defineProperties(target, props) {\n for (var i = 0; i < props.length; i++) {\n var
descriptor = props[i];\n descriptor.enumerable = descriptor.enumerable || false;\n descriptor.configurable =
true;\n if (/"value"/ in descriptor) descriptor.writable = true;\n Object.defineProperty(target, descriptor.key,
descriptor);\n }\n}\n\n\n\nexport default function _createClass(Constructor, protoProps, staticProps) {\n if (protoProps)
_defineProperties(Constructor.prototype, protoProps);\n if (staticProps) _defineProperties(Constructor,
staticProps);\n return Constructor;\n}"/**\n * export default function _getPrototypeOf(o) {\n _getPrototypeOf =
Object.setPrototypeOf ? Object.getPrototypeOf : function _getPrototypeOf(o) {\n return o.__proto__ ||
Object.getPrototypeOf(o);\n };}\n\n return _getPrototypeOf(o);\n}"/**\n * Checks if `value` is the\n * [language

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type](http://www.ecma-international.org/ecma-262/7.0/#sec-ecmascript-language-types)\n * of `Object`. (e.g.
arrays, functions, objects, regexes, `new Number(0)`, and `new String("")\n *\n * @static\n * @memberOf _\n *
@since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true`
if `value` is an object, else `false`.\n *\n * @example\n *\n * _isObject({});\n * // => true\n *\n * _isObject([1, 2, 3]);\n * // => true\n *\n * _isObject(_noop);\n * // => true\n *\n * _isObject(null);\n * // => false\n *\nfunction
isObject(value) {\n  var type = typeof value;\n  return value != null && (type == 'object' || type ==
'function');\n}\n\nexport default isObject;","function _typeof2(obj) { if (typeof Symbol === \"function\" && typeof
Symbol.iterator === \"symbol\") { _typeof2 = function _typeof2(obj) { return typeof obj; }; } else { _typeof2 =
function _typeof2(obj) { return obj && typeof Symbol === \"function\" && obj.constructor === Symbol && obj
!== Symbol.prototype ? \"symbol\" : typeof obj; }; } return _typeof2(obj); }\n\nexport default function _typeof(obj)
{\n  if (typeof Symbol === \"function\" && _typeof2(Symbol.iterator) === \"symbol\") {\n    _typeof = function
_typeof(obj) {\n      return _typeof2(obj);\n    }; \n  } else {\n    _typeof = function _typeof(obj) {\n      return obj &&
typeof Symbol === \"function\" && obj.constructor === Symbol && obj !== Symbol.prototype ? \"symbol\" :
_typeof2(obj);\n    }; \n  }\n\n  return _typeof(obj);\n}","import _typeof from \"../helpers/esm/typeof\";\nimport
assertThisInitialized from \"./assertThisInitialized\";\nexport default function _possibleConstructorReturn(self, call)
{\n  if (call && (_typeof(call) === \"object\" || typeof call === \"function\")) {\n    return call;\n  }\n\n  return
assertThisInitialized(self);\n}","export default function _assertThisInitialized(self) {\n  if (self === void 0) {\n
throw new ReferenceError(\"this hasn't been initialised - super() hasn't been called\");\n  }\n\n  return
self;\n}","export default function _setPrototypeOf(o, p) {\n  _setPrototypeOf = Object.setPrototypeOf || function
_setPrototypeOf(o, p) {\n    o.__proto__ = p;\n    return o;\n  };\n\n  return _setPrototypeOf(o, p);\n}","import
setPrototypeOf from \"./setPrototypeOf\";\nexport default function _inherits(subClass, superClass) {\n  if (typeof
superClass !== \"function\" && superClass !== null) {\n    throw new TypeError(\"Super expression must either be
null or a function\");\n  }\n\n  subClass.prototype = Object.create(superClass && superClass.prototype, {\n
constructor: {\n    value: subClass,\n    writable: true,\n    configurable: true\n  }\n});\n  if (superClass)
setPrototypeOf(subClass, superClass);\n}","var core = module.exports = {\n  version: '2.5.7'\n};\nif (typeof __e ==
'number') __e = core; // eslint-disable-line no-undef","/*\n * Copyright 2014-2015, Facebook, Inc.\n * All rights
reserved.\n *\n * This source code is licensed under the BSD-style license found in the\n * LICENSE file in the root
directory of this source tree. An additional grant\n * of patent rights can be found in the PATENTS file in the same
directory.\n *\n * use strict';\n */\n * Similar to invariant but only logs a warning if the condition is not met.\n * This
can be used to log issues in development environments in critical\n * paths. Removing the logging code for
production environments will keep the\n * same logic and follow the same code paths.\n *\n\nvar warning =
function warning() {};\n\nif (process.env.NODE_ENV !== 'production') {\n  warning = function warning(condition,
format, args) {\n    var len = arguments.length;\n    args = new Array(len > 2 ? len - 2 : 0);\n    for (var key = 2; key
< len; key++) {\n      args[key - 2] = arguments[key];\n    }\n\n    if (format === undefined) {\n      throw new
Error(`warning(condition, format, ...args)` requires a warning ' + 'message argument');\n    }\n\n    if (format.length
< 10 || /^[s\\W]*$/>$.test(format)) {\n      throw new Error(\"The warning format should be able to uniquely identify this
' + 'warning. Please, use a more descriptive format than: ' + format);\n    }\n\n    if (!condition) {\n      var argIndex =
0;\n      var message = 'Warning: ' + format.replace(/%s/g, function () {\n        return args[argIndex++];\n      });\n\n      if (typeof console !== 'undefined') {\n        console.error(message);\n      }\n\n      try {\n        // This error was
thrown as a convenience so that you can use this stack\n        // to find the callsite that caused this warning to fire.\n
        throw new Error(message);\n      } catch (x) {};\n    }\n  }\n\n  module.exports = warning;","/*\n * Checks if
`value` is object-like. A value is object-like if it's not `null`\n * and has a `typeof` result of \"object\".\n *\n *
@static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to check.\n *
@returns {boolean} Returns `true` if `value` is object-like, else `false`.\n *\n * @example\n *\n * _isObjectLike({});\n * // => true\n *\n * _isObjectLike([1, 2, 3]);\n * // => true\n *\n * _isObjectLike(_noop);\n * // => false\n *\n *
_isObjectLike(null);\n * // => false\n *\nfunction isObjectLike(value) {\n  return value != null && typeof value ==
'object';\n}\n\nexport default isObjectLike;","use strict';\n\nObject.defineProperty(exports, \"__esModule\", {\n
value: true\n});\n\nexports.default = undefined;\n\nvar _Paper = require('./Paper');\n\nvar _Paper2 =

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_interopRequireDefault(_Paper);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj\n  : {\n    default: obj\n  };\n}\n\nexports.default = _Paper2.default;"/*\n * A specialized version of `_.map` for\n * arrays without support for iteratee\n * shorthands.\n * @private\n * @param {Array} [array] The array to iterate\n * over.\n * @param {Function} iteratee The function invoked per iteration.\n * @returns {Array} Returns the new\n * mapped array.\n */\nfunction arrayMap(array, iteratee) {\n  var index = -1,\n      length = array == null ? 0 :\n      array.length,\n      result = Array(length);\n\n  while (++index < length) {\n    result[index] = iteratee(array[index],\n    index, array);\n  }\n\n  return result;\n}\n\nmodule.exports = arrayMap;"var toFinite = require('./toFinite');\n\n/**\n * Converts `value` to an integer.\n * @private\n * **Note:** This method is loosely based on\n * [\n * `ToInteger`](http://www.ecma-international.org/ecma-262/7.0/#sec-tointeger).\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to convert.\n * @returns {number} Returns\n * the converted integer.\n * @example\n * _toInteger(3.2);\n * // => 3\n *\n * _toInteger(Number.MIN_VALUE);\n * // => 0\n *\n * _toInteger(Infinity);\n * // => 1.7976931348623157e+308\n *\n * _toInteger('3.2');\n * // => 3\n */\nfunction toInteger(value) {\n  var result = toFinite(value),\n      remainder = result % 1;\n  return result === result ? remainder ? result - remainder : result : 0;\n}\n\nmodule.exports\n = toInteger;"import root from './_root.js';\n\n/**\n * Used to detect overreaching core-js shims.\n */\nvar coreJsData =\n root['__core-js_shared__'];\n\nexport default coreJsData;"import coreJsData from './_coreJsData.js';\n\n/**\n * Used to\n * detect methods masquerading as native.\n */\nvar maskSrcKey = function () {\n  var uid = /[^\.]*/.exec(coreJsData\n && coreJsData.keys && coreJsData.keys.IE_PROTO\n ||);\n  return uid ? 'Symbol(src)_1.' + uid :\n '';\n};\n\n/**\n * Checks if `func` has its source masked.\n * @private\n * @param {Function} func The function to check.\n * @returns {boolean} Returns `true` if `func`\n * is masked, else `false`.\n */\nfunction isMasked(func) {\n  return\n !!maskSrcKey && maskSrcKey in func;\n}\n\nexport default isMasked;"import isFunction from\n './isFunction.js';\nimport isMasked from './isMasked.js';\nimport isObject from './isObject.js';\nimport toSource\n from './_toSource.js';\n\n/**\n * Used to match `RegExp` \n * [syntax characters](http://ecma-international.org/ecma-\n 262/7.0/#sec-patterns).\n */\nvar reRegExpChar = /[\\"\\$%&*+(){}|\\"|]/g;\n\n/**\n * Used to detect host constructors\n * (Safari).\n */\nvar reIsHostCtor = /^\\[object\\.\\.+?Constructor\\]\n$/;\n\n/**\n * Used for built-in method references.\n */\nvar funcProto = Function.prototype,\n    objectProto = Object.prototype;\n\n/**\n * Used to resolve the decompiled source of\n * functions.\n */\nvar funcToString = funcProto.toString;\n\n/**\n * Used to check objects for own properties.\n */\nvar hasOwnProperty = objectProto\n.hasOwnProperty;\n\n/**\n * Used to detect if a method is native.\n */\nvar reIsNative =\n RegExp('^' + funcToString.call(hasOwn\nProperty).replace(reRegExpChar,\n '\\\\|&').replace(/hasOwnProperty|(function)\n.*?(?=\\|\\|\\|\\|\\|) for .+?(?=\\|\\|\\|\\|\\|)/g,\n '$1.*?') + '$');\n\n/**\n * The base\n * implementation of `_.isNative` without bad shim\n * checks.\n * @private\n * @param {*} value The value to\n * check.\n * @returns {boolean} Returns `true` if `value`\n * is a native function, else `false`.\n */\nfunction baseIsNative(value) {\n  if (!isObject(value) || isMasked(value))\n    return false;\n\n  var pattern =\n isFunction(value) ? reIsNative : reIsHostCtor;\n  return pattern.test(toSource(value));\n}\n\nexport default\n baseIsNative;"/*\n * Gets the value at `key` of `object`.\n * @private\n * @param {Object} [object] The\n * object to query.\n * @param {string} key The key of the property to\n * get.\n * @returns {*} Returns the property\n * value.\n */\nfunction getValue(object, key) {\n  return\n object == null ? undefined : object[key];\n}\n\nexport default\n getValue;"import baseIsNative from './_baseIsNative\n.js';\nimport getValue from './_getValue.js';\n\n/**\n * Gets the\n * native function at `key` of `object`.\n * @private\n * @param {Object} object The object to query.\n * @param\n * {string} key The key of the method to get.\n * @returns {*} Returns the function if it's\n * native, else `undefined`.\n */\nfunction getNative(object, key) {\n  var value =\n getValue(object, key);\n  return\n baseIsNative(value) ? value :\n undefined;\n}\n\nexport default\n getNative;"/*\n * Copyright (c) 2013-present, Facebook, Inc.\n *\n * This source code is licensed under the MIT\n * license found in the\n * LICENSE file in the root directory of this\n * source tree.\n *\n * Use invariant() to assert state which your\n * program assumes to be true.\n * Provide\n * sprintf-style format (only %s is supported)\n * and arguments\n * to provide information about what broke and\n * what you were\n * expecting.\n * The invariant message will be stripped in\n * production, but the invariant\n * will remain to ensure logic does not differ\n * in production.\n */\nvar invariant = function invariant(condition,\n format, a, b, c, d, e, f)\n {\n  if (process.env.NODE_ENV !== 'production')\n    if (format === undefined)\n    throw new Error('invariant
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requires an error message argument');\n  }\n }\n\n if (!condition) {\n  var error;\n\n  if (format === undefined)\n  {\n   error = new Error('Minified exception occurred; use the non-minified dev environment ' + 'for the full error\nmessage and additional helpful warnings.);\n  } else {\n   var args = [a, b, c, d, e, f];\n   var argIndex = 0;\n   error = new Error(format.replace(/%s/g, function () {\n    return args[argIndex++];\n   }));\n   error.name =\n   'Invariant Violation';\n  }\n\n  error.framesToPop = 1; // we don't care about invariant's own frame\n\n  throw\n  error;\n }\n};\n\nmodule.exports = invariant;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\nvalue: true\n});\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =\n_interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule\n ? obj : {\n  default: obj\n };}\n\nvar horizontal = _propTypes2.default.oneOf(['left', 'middle', 'right']);\n\nvar\nvertical = _propTypes2.default.oneOf(['top', 'center', 'bottom']);\n\nexports.default = {\n corners:\n _propTypes2.default.oneOf(['bottom-left', 'bottom-right', 'top-left', 'top-right']),\n horizontal: horizontal,\n vertical:\n vertical,\n origin: _propTypes2.default.shape({\n horizontal: horizontal,\n vertical: vertical\n }),\n cornersAndCenter: _propTypes2.default.oneOf(['bottom-center', 'bottom-left', 'bottom-right', 'top-center', 'top-left',\n'top-right']),\n stringOrNumber: _propTypes2.default.oneOfType([\n_propTypes2.default.string,\n _propTypes2.default.number]),\n zDepth: _propTypes2.default.oneOf([0, 1, 2, 3, 4, 5])\n};","/**\n * Checks if\n `value` is the\n * [language type](http://www.ecma-international.org/ecma-262/7.0/#sec-ecmascript-language-\ntypes)\n * of `Object`. (e.g. arrays, functions, regexes, `new Number(0)`, and `new String("")`)\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n *\n * @returns {boolean} Returns `true` if `value` is an object, else `false`.\n *\n * @example\n *\n * _isObject({});\n * _isObject()\n * => true\n *\n * _isObject([1, 2, 3]);\n * _isObject(_noop);\n * _isObject()\n * => true\n *\n * _isObject(null);\n * _isObject()\n * => false\n *\n * function isObject(value) {\n  var type = typeof value;\n  return value != null\n  && (type == 'object' || type == 'function');\n }\n\nmodule.exports = isObject;","/**\n * Checks if `value` is classified\n as an `Array` object.\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n *\n * @returns {boolean} Returns `true` if `value` is an array, else `false`.\n *\n * @example\n *\n * _isArray([1, 2, 3]);\n * _isArray(document.body.children);\n * _isArray()\n * => false\n *\n * _isArray('abc');\n * _isArray(_noop);\n * _isArray()\n * => false\n *\n * var isArray =\n Array.isArray;\n\nmodule.exports = isArray;","var arrayLikeKeys = require('./_arrayLikeKeys'),\n baseKeysIn =\n require('./_baseKeysIn'),\n isArrayLike = require('./isArrayLike');\n\n/**\n * Creates an array of the own and\n inherited enumerable property names of `object`.\n *\n * **Note:** Non-object values are coerced to objects.\n *\n * @static\n * @memberOf _\n * @since 3.0.0\n * @category Object\n * @param {Object} object The object to\n query.\n *\n * @returns {Array} Returns the array of property names.\n *\n * @example\n *\n * function Foo() {\n  this.a = 1;\n  this.b = 2;\n }\n\n Foo.prototype.c = 3;\n *\n * _keysIn(new Foo);\n * _keysIn(new Foo)\n * => ['a', 'b', 'c']\n *\n * (iteration order is not guaranteed)\n *\n * function keysIn(object) {\n  return isArrayLike(object) ?\n arrayLikeKeys(object, true) : baseKeysIn(object);\n }\n\nmodule.exports = keysIn;","var isArrayLike =\n require('./isArrayLike'),\n isObjectLike = require('./isObjectLike');\n\n/**\n * This method is like `_isArrayLike`\n except that it also checks if `value`\n is an object.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n *\n * @category Lang\n * @param {*} value The value to check.\n *\n * @returns {boolean} Returns `true` if `value` is an\n array-like object,\n * else `false`.\n *\n * @example\n *\n * _isArrayLikeObject([1, 2, 3]);\n * _isArrayLikeObject()\n * => true\n *\n * _isArrayLikeObject(document.body.children);\n * _isArrayLikeObject('abc');\n * _isArrayLikeObject()\n * => false\n *\n * _isArrayLikeObject(_noop);\n * _isArrayLikeObject()\n * => false\n *\n * function isArrayLikeObject(value) {\n  return\n isObjectLike(value) && isArrayLike(value);\n }\n\nmodule.exports = isArrayLikeObject;","import Symbol from\n './_Symbol.js';\n\n/**\n * Used for built-in method references.\n *\n * var objectProto = Object.prototype;\n\n/**\n * Used to\n check objects for own properties.\n *\n * var hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n * Used to\n resolve the\n * [toStringTag](http://ecma-international.org/ecma-262/7.0/#sec-object.prototype.tostring)\n * of\n values.\n *\n * var nativeObjectToString = objectProto.toString;\n\n/**\n * Built-in value references.\n *\n * var\n symToStringTag = Symbol ? Symbol.toStringTag : undefined;\n\n/**\n * A specialized version of `baseGetTag`\n which ignores `Symbol.toStringTag`\n values.\n *\n * @private\n * @param {*} value The value to query.\n *\n * @returns {string} Returns the raw `toStringTag`.\n *\n * function getRawTag(value) {\n  var isOwn =

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hasOwnProperty.call(value, symToStringTag),\n    tag = value[symToStringTag];\n\n try {\n
value[symToStringTag] = undefined;\n  var unmasked = true;\n } catch (e) {} \n\n var result =
nativeObjectToString.call(value);\n\n if (unmasked) {\n  if (isOwn) {\n   value[symToStringTag] = tag;\n  }
else {\n   delete value[symToStringTag];\n  }\n }\n\n return result;\n}\n\nexport default getRawTag;","/** Used
for built-in method references. */\n\nvar objectProto = Object.prototype;\n\n/**\n * Used to resolve the\n *
[toStringTag`](http://ecma-international.org/ecma-262/7.0/#sec-object.prototype.tostring)\n * of values.\n */\n\nvar
nativeObjectToString = objectProto.toString;\n\n/**\n * Converts `value` to a string using
`Object.prototype.toString`.\n * \n * @private\n * @param {*} value The value to convert.\n * @returns {string}
Returns the converted string.\n */\n\nfunction objectToString(value) {\n  return
nativeObjectToString.call(value);\n}\n\nexport default objectToString;","import Symbol from
'./_Symbol.js';\nimport getRawTag from './_getRawTag.js';\nimport objectToString from './_objectToString.js';\n\n/**
`Object#toString` result references. */\n\nvar nullTag = '[object Null]',\n    undefinedTag = '[object
Undefined]';\n\n/** Built-in value references. */\n\nvar symToStringTag = Symbol ? Symbol.toStringTag :
undefined;\n\n/**\n * The base implementation of `getTag` without fallbacks for buggy environments.\n * \n *
@private\n * @param {*} value The value to query.\n * @returns {string} Returns the `toStringTag`.\n */\n\nfunction
baseGetTag(value) {\n  if (value == null) {\n    return value === undefined ? undefinedTag :
nullTag;\n  }\n\n  return symToStringTag && symToStringTag in Object(value) ? getRawTag(value) :
objectToString(value);\n}\n\nexport default baseGetTag;","// Source: http://jsfiddle.net/vWx8V/\n//
http://stackoverflow.com/questions/5603195/full-list-of-javascript-keycodes\n\n/**\n * Convenience method returns
corresponding value for given keyName or keyCode.\n * \n * @param {Mixed} keyCode {Number} or keyName
{String}\n * @return {Mixed}\n * @api public\n */\n\nfunction keyCode(searchInput) {\n  // Keyboard Events\n  if
(searchInput && 'object' === typeof searchInput) {\n    var hasKeyCode = searchInput.which || searchInput.keyCode
|| searchInput.charCode;\n    if (hasKeyCode) searchInput = hasKeyCode;\n  } // Numbers\n\n  if ('number' ===
typeof searchInput) return names[searchInput]; // Everything else (cast to string)\n\n  var search =
String(searchInput); // check codes\n\n  var foundNamedKey = codes[search.toLowerCase()];\n  if
(foundNamedKey) return foundNamedKey; // check aliases\n\n  var foundNamedKey =
aliases[search.toLowerCase()];\n  if (foundNamedKey) return foundNamedKey; // weird character?\n\n  if
(search.length === 1) return search.charCodeAt(0);\n  return undefined;\n}\n\n/**\n * Compares a keyboard event
with a given keyCode or keyName.\n * \n * @param {Event} event Keyboard event that should be tested\n *
@param {Mixed} keyCode {Number} or keyName {String}\n * @return {Boolean}\n * @api public\n */\n\nfunction
keyCode.isEventKey = function isEventKey(event, nameOrCode) {\n  if (event && 'object' === typeof
event) {\n    var keyCode = event.which || event.keyCode || event.charCode;\n\n    if (keyCode === null || keyCode
=== undefined) {\n      return false;\n    }\n\n    if (typeof nameOrCode === 'string') {\n      // check codes\n      var
foundNamedKey = codes[nameOrCode.toLowerCase()];\n      if (foundNamedKey) {\n        return
foundNamedKey === keyCode;\n      } // check aliases\n\n      var foundNamedKey =
aliases[nameOrCode.toLowerCase()];\n      if (foundNamedKey) {\n        return foundNamedKey === keyCode;\n
      }\n    } else if (typeof nameOrCode === 'number') {\n      return nameOrCode === keyCode;\n    }\n\n    return
false;\n  }\n}\n\nexports = module.exports = keyCode;\n\n/**\n * Get by name\n * \n * exports.code['enter'] // =>
13\n */\n\nvar codes = exports.code = exports.codes = {\n  'backspace': 8,\n  'tab': 9,\n  'enter': 13,\n  'shift': 16,\n
'ctrl': 17,\n  'alt': 18,\n  'pause/break': 19,\n  'caps lock': 20,\n  'esc': 27,\n  'space': 32,\n  'page up': 33,\n
'page down': 34,\n  'end': 35,\n  'home': 36,\n  'left': 37,\n  'up': 38,\n  'right': 39,\n  'down': 40,\n  'insert': 45,\n
'delete': 46,\n  'command': 91,\n  'left command': 91,\n  'right command': 93,\n  'numpad *': 106,\n  'numpad +': 107,\n
'numpad -': 109,\n  'numpad .': 110,\n  'numpad /': 111,\n  'num lock': 144,\n  'scroll lock': 145,\n  'my computer': 182,\n
'my calculator': 183,\n  '=': 186,\n  ':': 187,\n  ';': 188,\n  '-': 189,\n  ' ': 190,\n  '/': 191,\n  '`': 192,\n  '[': 219,\n
'\\\\': 220,\n  ']': 221,\n  '\\\"': 222 // Helper aliases\n};\n\nvar aliases = exports.aliases = {\n  'windows': 91,\n  ' ': 16,\n
' ': 18,\n  ' ': 17,\n  ' ': 91,\n  'ctl': 17,\n  'control': 17,\n  'option': 18,\n  'pause': 19,\n  'break': 19,\n
'caps': 20,\n  'return': 13,\n  'escape': 27,\n  'spc': 32,\n  'spacebar': 32,\n  'pgup': 33,\n  'pgdn': 34,\n
'ins': 45,\n  'del': 46,\n  'cmd': 91\n\n};\n\n/**\n * Programatically add the following\n * \n * // lower case
chars\n */\n\nfor (i = 97; i < 123; i++) {\n

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codes[String.fromCharCode(i)] = i - 32;\n // numbers\n\nfor (var i = 48; i < 58; i++) {\n  codes[i - 48] = i;\n //
function keys\n\nfor (i = 1; i < 13; i++) {\n  codes['f' + i] = i + 111;\n // numpad keys\n\nfor (i = 0; i < 10; i++)
{\n  codes['numpad ' + i] = i + 96;\n}\n\n**\n * Get by code\n * \n * exports.name[13] // => 'Enter'\n *\n\nvar
names = exports.names = exports.title = {}; // title for backward compat\n// Create reverse mapping\n\nfor (i in
codes) {\n  names[codes[i]] = i;\n // Add aliases\n\nfor (var alias in aliases) {\n  codes[alias] =
aliases[alias];\n },"var arrayLikeKeys = require('./_arrayLikeKeys'),\n baseKeys = require('./_baseKeys'),\n
isArrayLike = require('./isArrayLike');\n\n**\n * Creates an array of the own enumerable property names of
`object`.\n *\n * **Note:** Non-object values are coerced to objects. See the\n * [ES spec](http://ecma-
international.org/ecma-262/7.0/#sec-object.keys)\n * for more details.\n *\n * @static\n * @since 0.1.0\n *
@memberOf _\n * @category Object\n * @param {Object} object The object to query.\n * @returns {Array}
Returns the array of property names.\n * @example\n *\n * function Foo() {\n *   this.a = 1;\n *   this.b = 2;\n * }\n
*\n * Foo.prototype.c = 3;\n *\n * _keys(new Foo);\n * // => ['a', 'b'] (iteration order is not guaranteed)\n *\n *
_keys('hi');\n * // => ['0', '1']\n *\n\nfunction keys(object) {\n  return isArrayLike(object) ? arrayLikeKeys(object)
: baseKeys(object);\n }\n\nmodule.exports = keys;","export default function _inheritsLoose(subClass, superClass)
{\n  subClass.prototype = Object.create(superClass.prototype);\n  subClass.prototype.constructor = subClass;\n
subClass.__proto__ = superClass;\n }","import PropTypes from 'prop-types';\nexport var subscriptionShape =
PropTypes.shape({\n  trySubscribe: PropTypes.func.isRequired,\n  tryUnsubscribe: PropTypes.func.isRequired,\n
notifyNestedSubs: PropTypes.func.isRequired,\n  isSubscribed: PropTypes.func.isRequired\n});\nexport var
storeShape = PropTypes.shape({\n  subscribe: PropTypes.func.isRequired,\n  dispatch:
PropTypes.func.isRequired,\n  getState: PropTypes.func.isRequired\n});","import _inheritsLoose from
'@babel/runtime/helpers/esm/inheritsLoose';\nimport { Component, Children } from 'react';\nimport PropTypes
from 'prop-types';\nimport { storeShape, subscriptionShape } from '../utils/PropTypes';\nimport warning from
'../utils/warning';\nvar didWarnAboutReceivingStore = false;\n\nfunction warnAboutReceivingStore() {\n  if
(didWarnAboutReceivingStore) {\n    return;\n  }\n  didWarnAboutReceivingStore = true;\n  warning('<Provider>
does not support changing `store` on the fly. ' + 'It is most likely that you see this error because you updated to ' +
'Redux 2.x and React Redux 2.x which no longer hot reload reducers ' + 'automatically. See
https://github.com/reduxjs/react-redux/releases/' + 'tag/v2.0.0 for the migration instructions.);\n }\n\nexport function
createProvider(storeKey) {\n  var _Provider$childContext;\n\n  if (storeKey === void 0) {\n    storeKey = 'store';\n
}\n\n  var subscriptionKey = storeKey + "Subscription";\n\n  var Provider = /*#__PURE__*/function
(_Component) {\n    _inheritsLoose(Provider, _Component);\n\n    var _proto = Provider.prototype;\n\n    _proto.getChildContext = function getChildContext() {\n      var _ref;\n\n      return _ref = {}, _ref[storeKey] =
this[storeKey], _ref[subscriptionKey] = null, _ref;\n    }; \n\n    function Provider(props, context) {\n      var
_this;\n\n      _this = _Component.call(this, props, context) || this;\n      _this[storeKey] = props.store;\n      return
_this;\n    }\n\n    _proto.render = function render() {\n      return Children.only(this.props.children);\n    }; \n\n
return Provider;\n  }(Component);\n\n  if (process.env.NODE_ENV !== 'production') {\n
Provider.prototype.componentWillReceiveProps = function (nextProps) {\n    if (this[storeKey] !==
nextProps.store) {\n      warnAboutReceivingStore();\n    }\n  }; \n\n  Provider.propTypes = {\n    store:
storeShape.isRequired,\n    children: PropTypes.element.isRequired\n }; \n  Provider.childContextTypes =
(_Provider$childContext = {}, _Provider$childContext[storeKey] = storeShape.isRequired,
_Provider$childContext[subscriptionKey] = subscriptionShape, _Provider$childContext);\n  return
Provider;\n }\n\nexport default createProvider();","export default function _assertThisInitialized(self) {\n  if (self ===
void 0) {\n    throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n  }\n\n  return
self;\n }","export default function _extends() {\n  _extends = Object.assign || function (target) {\n    for (var i = 1; i <
arguments.length; i++) {\n      var source = arguments[i];\n\n      for (var key in source) {\n        if
(Object.prototype.hasOwnProperty.call(source, key)) {\n          target[key] = source[key];\n        }\n      }\n    }\n\n
return target;\n  }; \n\n  return _extends.apply(this, arguments);\n }","export default function
_objectWithoutPropertiesLoose(source, excluded) {\n  if (source == null) return {};\n  var target = {};\n  var
sourceKeys = Object.keys(source);\n  var key, i;\n\n  for (i = 0; i < sourceKeys.length; i++) {\n    key =

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sourceKeys[i];
  if (excluded.indexOf(key) >= 0) continue;
  target[key] = source[key];
}
return target;
}
// encapsulates the subscription logic for connecting a component to the redux store, as well as
nesting subscriptions of descendant components, so that we can ensure the ancestor components re-render before
descendants
var CLEARED = null;
var nullListeners = {
  notify: function notify() {}
};
function
createListenerCollection() {
  // the current/next pattern is copied from redux's createStore code.
  // TODO:
  refactor+expose that code to be reusable here?
  var current = [];
  var next = [];
  return {
    clear: function
    clear() {
      next = CLEARED;
      current = CLEARED;
    },
    notify: function notify() {
      var listeners
      = current = next;
      for (var i = 0; i < listeners.length; i++) {
        listeners[i]();
      }
    },
    get: function
    get() {
      return next;
    },
    subscribe: function subscribe(listener) {
      var isSubscribed = true;
      if
      (next === current) next = current.slice();
      next.push(listener);
      return function unsubscribe() {
        if
        (!isSubscribed || current === CLEARED) return;
        isSubscribed = false;
        if (next === current) next =
        current.slice();
        next.splice(next.indexOf(listener), 1);
      };
    }
  };
}
var Subscription
= /*#__PURE__*/function () {
  function Subscription(store, parentSub, onStateChange) {
    this.store =
    store;
    this.parentSub = parentSub;
    this.onStateChange = onStateChange;
    this.unsubscribe = null;
    this.listeners = nullListeners;
  }
  var _proto = Subscription.prototype;
  _proto.addNestedSub = function
  addNestedSub(listener) {
    this.trySubscribe();
    return this.listeners.subscribe(listener);
  };
  _proto.notifyNestedSubs = function notifyNestedSubs() {
    this.listeners.notify();
  };
  _proto.isSubscribed =
  function isSubscribed() {
    return Boolean(this.unsubscribe);
  };
  _proto.trySubscribe = function
  trySubscribe() {
    if (!this.unsubscribe) {
      this.unsubscribe = this.parentSub ?
      this.parentSub.addNestedSub(this.onStateChange) :
      this.store.subscribe(this.onStateChange);
      this.listeners =
      createListenerCollection();
    }
  };
  _proto.tryUnsubscribe = function tryUnsubscribe() {
    if
    (this.unsubscribe) {
      this.unsubscribe();
      this.unsubscribe = null;
      this.listeners.clear();
      this.listeners = nullListeners;
    }
  };
  return Subscription;
}();
export { Subscription as default
};
import _inheritsLoose from '@babel/runtime/helpers/esm/inheritsLoose';
import _assertThisInitialized from
 '@babel/runtime/helpers/esm/assertThisInitialized';
import _extends from
 '@babel/runtime/helpers/esm/extends';
import _objectWithoutPropertiesLoose from
 '@babel/runtime/helpers/esm/objectWithoutPropertiesLoose';
import hoistStatics from 'hoist-non-react-
statics';
import invariant from 'invariant';
import { Component, createElement } from 'react';
import {
  isValidElementType } from 'react-is';
import Subscription from '../utils/Subscription';
import { storeShape,
  subscriptionShape } from '../utils/PropTypes';
var hotReloadingVersion = 0;
var dummyState = {};
function
noop() {}
function makeSelectorStateful(sourceSelector, store) {
  // wrap the selector in an object that tracks its
  results between runs.
  var selector = {
    run: function runComponentSelector(props) {
      try {
        var
        nextProps = sourceSelector(store.getState(), props);
        if (nextProps !== selector.props || selector.error) {
          selector.shouldComponentUpdate = true;
          selector.props = nextProps;
          selector.error = null;
        }
      } catch (error) {
        selector.shouldComponentUpdate = true;
        selector.error = error;
      }
    }
  };
  return selector;
}
export default function connectAdvanced(selectorFactory) {
  // selectorFactory is a func that is responsible
  for returning the selector function used to
  compute new props from state, props, and dispatch. For example:
  export default connectAdvanced((dispatch, options) => (state, props) => ({
    thing: state.things[props.thingId],
    saveThing: fields => dispatch(actionCreators.saveThing(props.thingId, fields)),
  }))(YourComponent)
  Access to dispatch is provided to the factory so selectorFactories can bind actionCreators
  outside of their selector
  as an optimization. Options passed to connectAdvanced are passed to
  the selectorFactory, along with
  displayName and WrappedComponent, as the second argument.
  Note that selectorFactory is responsible for all
  caching/memoization of inbound and outbound
  props. Do not use connectAdvanced directly without memoizing
  results between calls to your
  selector, otherwise the Connect component will re-render on every state or props
  change.
  selectorFactory, // options object:
  _ref {
    var _contextTypes, _childContextTypes;
    if (_ref ===
    void 0) {
      _ref = {};
    }
    var _ref2 = _ref;
    _ref2$displayName = _ref2.displayName;
    _ref2$displayName = _ref2$displayName === void 0 ? function (name) {
      return `ConnectAdvanced(${
        name
        + `}`);
    } : _ref2$displayName;
    _ref2$methodName = _ref2.methodName;
    _ref2$methodName =

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_ref2$methodName === void 0 ? 'connectAdvanced' : _ref2$methodName,\n    _ref2$renderCountProp =
_ref2.renderCountProp,\n    renderCountProp = _ref2$renderCountProp === void 0 ? undefined :
_ref2$renderCountProp,\n    _ref2$shouldHandleSta = _ref2.shouldHandleStateChanges,\n    shouldHandleStateChanges = _ref2$shouldHandleSta === void 0 ? true : _ref2$shouldHandleSta,\n    _ref2$storeKey = _ref2.storeKey,\n    storeKey = _ref2$storeKey === void 0 ? 'store' : _ref2$storeKey,\n    _ref2$withRef = _ref2.withRef,\n    withRef = _ref2$withRef === void 0 ? false : _ref2$withRef,\n    connectOptions = _objectWithoutPropertiesLoose(_ref2, [\"getDisplay\\nName\\\", \"methodName\\\",
\\\"renderCountProp\\\", \"shouldHandleStateChanges\\\", \"storeKey\\\", \"withRef\\\"]);\n\n    var subscriptionKey =
storeKey + 'Subscription';\n    var version = hotReloadingVersion++;\n    var contextTypes = (_contextTypes = {},
_contextTypes[storeKey] = storeShape, _contextTypes[subscriptionKey] = subscriptionShape, _contextTypes);\n    var childContextTypes = (_childContextTypes = {}, _childContextTypes[subscriptionKey] = subscriptionShape,
_childContextTypes);\n    return function wrapWithConnect(WrappedComponent) {\n
invariant(isValidElementType(WrappedComponent), \"You must pass a component to the function returned by \" +
(methodName + \". Instead received \" + JSON.stringify(WrappedComponent)));\n    var wrappedComponentName
= WrappedComponent.displayName || WrappedComponent.name || 'Component';\n    var displayName =
getDisplay\\nName(wrappedComponentName);\n\n    var selectorFactoryOptions = _extends({}, connectOptions, {\n
getDisplay\\nName: getDisplay\\nName,\n    methodName: methodName,\n    renderCountProp: renderCountProp,\n
shouldHandleStateChanges: shouldHandleStateChanges,\n    storeKey: storeKey,\n    withRef: withRef,\n
displayName: displayName,\n    wrappedComponentName: wrappedComponentName,\n    WrappedComponent:
WrappedComponent // TODO Actually fix our use of componentWillReceiveProps\n\n    /* eslint-disable react/no-
deprecated *\n\n    });\n\n    var Connect =\n    /*#__PURE__*/\n    function (_Component) {\n
_inheritsLoose(Connect, _Component);\n\n    function Connect(props, context) {\n    var _this;\n\n    _this =
_Component.call(this, props, context) || this;\n\n    _this.version = version;\n    _this.state = {};\n
_this.renderCount = 0;\n    _this.store = props[storeKey] || context[storeKey];\n    _this.propsMode =
Boolean(props[storeKey]);\n    _this.setWrappedInstance =
_this.setWrappedInstance.bind(_assertThisInitialized(_assertThisInitialized(_this)));\n\n    invariant(_this.store,
\"Could not find \" + storeKey + \" in either the context or props of \" + (\"\" + displayName + \"\". Either
wrap the root component in a <Provider>, \" + (\"or explicitly pass \" + storeKey + \" as a prop to \" +
displayName + \".\");\n\n    _this.initSelector();\n    _this.initSubscription();\n\n    return _this;\n
}\n\n    var _proto = Connect.prototype;\n\n    _proto.getChildContext = function getChildContext() {\n    var
_ref3; // If this component received store from props, its subscription should be transparent\n    // to any
descendants receiving store+subscription from context; it passes along\n    // subscription passed to it. Otherwise,
it shadows the parent subscription, which allows\n    // Connect to control ordering of notifications to flow top-
down.\n\n    var subscription = this.propsMode ? null : this.subscription;\n    return _ref3 = {},
_ref3[subscriptionKey] = subscription || this.context[subscriptionKey], _ref3;\n\n    }; \n\n    _proto.componentDidMount = function componentDidMount() {\n    if (!shouldHandleStateChanges) return; //
componentWillMount fires during server side rendering, but componentDidMount and\n    //
componentWillUnmount do not. Because of this, trySubscribe happens during ...didMount.\n    // Otherwise,
unsubscription would never take place during SSR, causing a memory leak.\n    // To handle the case where a
child component may have triggered a state change by\n    // dispatching an action in its componentWillMount,
we have to re-run the select and maybe\n    // re-render.\n\n    this.subscription.trySubscribe();\n
this.selector.run(this.props);\n    if (this.selector.shouldComponentUpdate) this.forceUpdate();\n\n    }; \n\n    _proto.componentWillReceiveProps = function componentWillReceiveProps(nextProps) {\n
this.selector.run(nextProps);\n\n    }; \n\n    _proto.shouldComponentUpdate = function shouldComponentUpdate()
{\n    return this.selector.shouldComponentUpdate;\n\n    }; \n\n    _proto.componentWillUnmount = function
componentWillUnmount() {\n    if (this.subscription) this.subscription.tryUnsubscribe();\n    this.subscription =
null;\n    this.notifyNestedSubs = noop;\n    this.store = null;\n    this.selector.run = noop;\n
this.selector.shouldComponentUpdate = false;\n\n    }; \n\n    _proto.getWrappedInstance = function

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getWrappedInstance() {\n    invariant(withRef, "To access the wrapped instance, you need to specify \" + (\n{
withRef: true } in the options argument of the \" + methodName + \"() call.\");\n    return this.wrappedInstance;\n
};\n\n    _proto.setWrappedInstance = function setWrappedInstance(ref) {\n    this.wrappedInstance = ref;\n
};\n\n    _proto.initSelector = function initSelector() {\n    var sourceSelector =
selectorFactory(this.store.dispatch, selectorFactoryOptions);\n    this.selector =
makeSelectorStateful(sourceSelector, this.store);\n    this.selector.run(this.props);\n    };\n\n    _proto.initSubscription = function initSubscription() {\n    if (!shouldHandleStateChanges) return; // parentSub's
source should match where store came from: props vs. context. A component\n    // connected to the store via
props shouldn't use subscription from context, or vice versa.\n\n    var parentSub = (this.propsMode ? this.props :
this.context)[subscriptionKey];\n    this.subscription = new Subscription(this.store, parentSub,
this.onStateChange.bind(this)); // `notifyNestedSubs` is duplicated to handle the case where the component is
unmounted in\n    // the middle of the notification loop, where `this.subscription` will then be null. An\n    //
extra null check every change can be avoided by copying the method onto `this` and then\n    // replacing it with a
no-op on unmount. This can probably be avoided if Subscription's\n    // listeners logic is changed to not call
listeners that have been unsubscribed in the\n    // middle of the notification loop.\n\n    this.notifyNestedSubs =
this.subscription.notifyNestedSubs.bind(this.subscription);\n    };\n\n    _proto.onStateChange = function
onStateChange() {\n    this.selector.run(this.props);\n\n    if (!this.selector.shouldComponentUpdate) {\n
this.notifyNestedSubs();\n    } else {\n    this.componentDidUpdate =
this.notifyNestedSubsOnComponentDidUpdate;\n    this.setState(dummyState);\n    }\n    };\n\n    _proto.notifyNestedSubsOnComponentDidUpdate = function notifyNestedSubsOnComponentDidUpdate() {\n
// `componentDidUpdate` is conditionally implemented when `onStateChange` determines it\n    // needs to notify
nested subs. Once called, it unimplements itself until further state\n    // changes occur. Doing it this way vs
having a permanent `componentDidUpdate` that does\n    // a boolean check every time avoids an extra method
call most of the time, resulting\n    // in some perf boost.\n    this.componentDidUpdate = undefined;\n
this.notifyNestedSubs();\n    };\n\n    _proto.isSubscribed = function isSubscribed() {\n    return
Boolean(this.subscription) && this.subscription.isSubscribed();\n    };\n\n    _proto.addExtraProps = function
addExtraProps(props) {\n    if (!withRef && !renderCountProp && !(this.propsMode && this.subscription))
return props; // make a shallow copy so that fields added don't leak to the original selector.\n    // this is especially
important for 'ref' since that's a reference back to the component\n    // instance. a singleton memoized selector
would then be holding a reference to the\n    // instance, preventing the instance from being garbage collected, and
that would be bad\n\n    var withExtras = _extends({}, props);\n\n    if (withRef) withExtras.ref =
this.setWrappedInstance;\n\n    if (renderCountProp) withExtras[renderCountProp] = this.renderCount++;\n\n    if
(this.propsMode && this.subscription) withExtras[subscriptionKey] = this.subscription;\n\n    return withExtras;\n
};\n\n    _proto.render = function render() {\n    var selector = this.selector;\n
selector.shouldComponentUpdate = false;\n\n    if (selector.error) {\n    throw selector.error;\n    } else {\n
return createElement(WrappedComponent, this.addExtraProps(selector.props));\n    }\n    };\n\n    return
Connect;\n  }(Component);\n  /* eslint-enable react/no-deprecated */\n\n  Connect.WrappedComponent =
WrappedComponent;\n  Connect.displayName = displayName;\n  Connect.childContextTypes =
childContextTypes;\n  Connect.contextTypes = contextTypes;\n  Connect.propTypes = contextTypes;\n\n  if
(process.env.NODE_ENV !== 'production') {\n    Connect.prototype.componentWillUpdate = function
componentWillUpdate() {\n    var _this2 = this; // We are hot reloading!\n\n    if (this.version !== version) {\n
this.version = version;\n    this.initSelector(); // If any connected descendants don't hot reload (and
resubscribe in the process), their\n    // listeners will be lost when we unsubscribe. Unfortunately, by copying
over all\n    // listeners, this does mean that the old versions of connected descendants will still be\n    //
notified of state changes; however, their onStateChange function is a no-op so this\n    // isn't a huge deal.\n\n    var oldListeners = [];\n\n    if (this.subscription) {\n    oldListeners = this.subscription.listeners.get();\n
this.subscription.tryUnsubscribe();\n    }\n\n    this.initSubscription();\n\n    if
(shouldHandleStateChanges) {\n    this.subscription.trySubscribe();\n    oldListeners.forEach(function

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(listener) {\n      return _this2.subscription.listeners.subscribe(listener);\n    });\n  }\n  }\n};\n}\n\nreturn hoistStatics(Connect, WrappedComponent);\n};\n}", "var hasOwn =\nObject.prototype.hasOwnProperty;\n\nfunction is(x, y) {\n  if (x === y) {\n    return x !== 0 || y !== 0 || 1 / x === 1 /\ny;\n  } else {\n    return x !== x && y !== y;\n  }\n}\n\nexport default function shallowEqual(objA, objB) {\n  if\n(is(objA, objB)) return true;\n  if (typeof objA !== 'object' || objA === null || typeof objB !== 'object' || objB ===\nnull) {\n    return false;\n  }\n  var keysA = Object.keys(objA);\n  var keysB = Object.keys(objB);\n  if\n(keysA.length !== keysB.length) return false;\n  for (var i = 0; i < keysA.length; i++) {\n    if (!hasOwn.call(objB,\nkeysA[i]) || !is(objA[keysA[i]], objB[keysA[i]])) {\n      return false;\n    }\n  }\n  return true;\n}", "import\nverifyPlainObject from './utils/verifyPlainObject';\n\nexport function wrapMapToPropsConstant(getConstant) {\n  return function initConstantSelector(dispatch, options) {\n    var constant = getConstant(dispatch, options);\n\n    function constantSelector() {\n      return constant;\n    }\n\n    constantSelector.dependsOnOwnProps = false;\n\n    return constantSelector;\n  };\n} // dependsOnOwnProps is used by createMapToPropsProxy to determine whether\nto pass props as args\n// to the mapToProps function being wrapped. It is also used by makePurePropsSelector to\ndetermine\n// whether mapToProps needs to be invoked when props have changed.\n//\n// A length of one signals\nthat mapToProps does not depend on props from the parent component.\n// A length of zero is assumed to mean\nmapToProps is getting args via arguments or ...args and\n// therefore not reporting its length accurately..\n\nexport\nfunction getDependsOnOwnProps(mapToProps) {\n  return mapToProps.dependsOnOwnProps !== null &&\nmapToProps.dependsOnOwnProps !== undefined ? Boolean(mapToProps.dependsOnOwnProps) :\nmapToProps.length !== 1;\n} // Used by whenMapStateToPropsIsFunction and\nwhenMapDispatchToPropsIsFunction,\n// this function wraps mapToProps in a proxy function which does several\nthings:\n//\n// * Detects whether the mapToProps function being called depends on props, which\n// is used by\nselectorFactory to decide if it should reinvoke on props changes.\n//\n// * On first call, handles mapToProps if\nreturns another function, and treats that\n// new function as the true mapToProps for subsequent calls.\n//\n// * On first call, verifies the first result is a plain object, in order to warn\n// the developer that their mapToProps\nfunction is not returning a valid result.\n//\n\nexport function wrapMapToPropsFunc(mapToProps, methodName)\n{\n  return function initProxySelector(dispatch, _ref) {\n    var displayName = _ref.displayName;\n\n    var proxy =\nfunction mapToPropsProxy(stateOrDispatch, ownProps) {\n      return proxy.dependsOnOwnProps ?\nproxy.mapToProps(stateOrDispatch, ownProps) : proxy.mapToProps(stateOrDispatch);\n    }; // allow\ndetectFactoryAndVerify to get ownProps\n\n    proxy.dependsOnOwnProps = true;\n\n    proxy.mapToProps =\nfunction detectFactoryAndVerify(stateOrDispatch, ownProps) {\n      proxy.mapToProps = mapToProps;\n\n      proxy.dependsOnOwnProps = getDependsOnOwnProps(mapToProps);\n\n      var props = proxy(stateOrDispatch,\nownProps);\n\n      if (typeof props === 'function') {\n        proxy.mapToProps = props;\n\n        proxy.dependsOnOwnProps = getDependsOnOwnProps(props);\n\n        props = proxy(stateOrDispatch, ownProps);\n      }\n\n      if (process.env.NODE_ENV !== 'production') verifyPlainObject(props, displayName, methodName);\n\n      return props;\n    };\n\n    return proxy;\n  };\n}", "import { bindActionCreators } from 'redux';\nimport {\nwrapMapToPropsConstant, wrapMapToPropsFunc } from './wrapMapToProps';\n\nexport function\nwhenMapDispatchToPropsIsFunction(mapDispatchToProps) {\n  return typeof mapDispatchToProps === 'function'\n? wrapMapToPropsFunc(mapDispatchToProps, 'mapDispatchToProps') : undefined;\n}\n\nexport function\nwhenMapDispatchToPropsIsMissing(mapDispatchToProps) {\n  return !mapDispatchToProps ?\nwrapMapToPropsConstant(function (dispatch) {\n    return {\n      dispatch: dispatch\n    };\n  }) :\nundefined;\n}\n\nexport function whenMapDispatchToPropsIsObject(mapDispatchToProps) {\n  return\nmapDispatchToProps && typeof mapDispatchToProps === 'object' ? wrapMapToPropsConstant(function\n(dispatch) {\n    return bindActionCreators(mapDispatchToProps, dispatch);\n  }) : undefined;\n}\n\nexport default\n[whenMapDispatchToPropsIsFunction, whenMapDispatchToPropsIsMissing,\nwhenMapDispatchToPropsIsObject];", "import { wrapMapToPropsConstant, wrapMapToPropsFunc } from\n'./wrapMapToProps';\n\nexport function whenMapStateToPropsIsFunction(mapStateToProps) {\n  return typeof\nmapStateToProps === 'function' ? wrapMapToPropsFunc(mapStateToProps, 'mapStateToProps') :\nundefined;\n}\n\nexport function whenMapStateToPropsIsMissing(mapStateToProps) {\n  return !mapStateToProps ?

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wrapMapToPropsConstant(function () {\n  return {};\n }) : undefined;\n}\nexport default
[whenMapStateToPropsIsFunction, whenMapStateToPropsIsMissing];", "import _extends from
'@babel/runtime/helpers/esm/extends';\nimport verifyPlainObject from './utils/verifyPlainObject';\nexport
function defaultMergeProps(stateProps, dispatchProps, ownProps) {\n  return _extends({}, ownProps, stateProps,
dispatchProps);\n}\nexport function wrapMergePropsFunc(mergeProps) {\n  return function
initMergePropsProxy(dispatch, _ref) {\n    var displayName = _ref.displayName,\n        pure = _ref.pure,\n        areMergedPropsEqual = _ref.areMergedPropsEqual;\n    var hasRunOnce = false;\n    var mergedProps;\n    return
function mergePropsProxy(stateProps, dispatchProps, ownProps) {\n      var nextMergedProps =
mergeProps(stateProps, dispatchProps, ownProps);\n      if (hasRunOnce) {\n        if (!pure ||
!areMergedPropsEqual(nextMergedProps, mergedProps)) mergedProps = nextMergedProps;\n      } else {\n
hasRunOnce = true;\n        mergedProps = nextMergedProps;\n        if (process.env.NODE_ENV !== 'production')
verifyPlainObject(mergedProps, displayName, 'mergeProps');\n      }\n      return mergedProps;\n    };\n
}\n}\nexport function whenMergePropsIsFunction(mergeProps) {\n  return typeof mergeProps === 'function' ?
wrapMergePropsFunc(mergeProps) : undefined;\n}\nexport function whenMergePropsIsOmitted(mergeProps) {\n
return !mergeProps ? function () {\n  return defaultMergeProps;\n } : undefined;\n}\nexport default
[whenMergePropsIsFunction, whenMergePropsIsOmitted];", "import _objectWithoutPropertiesLoose from
'@babel/runtime/helpers/esm/objectWithoutPropertiesLoose';\nimport verifySubselectors from
'./verifySubselectors';\nexport function impureFinalPropsSelectorFactory(mapStateToProps, mapDispatchToProps,
mergeProps, dispatch) {\n  return function impureFinalPropsSelector(state, ownProps) {\n    return
mergeProps(mapStateToProps(state, ownProps), mapDispatchToProps(dispatch, ownProps), ownProps);\n
  };\n}\nexport function pureFinalPropsSelectorFactory(mapStateToProps, mapDispatchToProps, mergeProps,
dispatch, _ref) {\n  var areStatesEqual = _ref.areStatesEqual,\n      areOwnPropsEqual = _ref.areOwnPropsEqual,\n      areStatePropsEqual = _ref.areStatePropsEqual;\n  var hasRunAtLeastOnce = false;\n  var state;\n  var ownProps;\n  var
stateProps;\n  var dispatchProps;\n  var mergedProps;\n\n  function handleFirstCall(firstState, firstOwnProps)
{\n    state = firstState;\n    ownProps = firstOwnProps;\n    stateProps = mapStateToProps(state, ownProps);\n
dispatchProps = mapDispatchToProps(dispatch, ownProps);\n    mergedProps = mergeProps(stateProps,
dispatchProps, ownProps);\n    hasRunAtLeastOnce = true;\n    return mergedProps;\n  }\n\n  function
handleNewPropsAndNewState() {\n    stateProps = mapStateToProps(state, ownProps);\n    if
(mapDispatchToProps.dependsOnOwnProps) dispatchProps = mapDispatchToProps(dispatch, ownProps);\n
mergedProps = mergeProps(stateProps, dispatchProps, ownProps);\n    return mergedProps;\n  }\n\n  function
handleNewProps() {\n    if (mapStateToProps.dependsOnOwnProps) stateProps = mapStateToProps(state,
ownProps);\n    if (mapDispatchToProps.dependsOnOwnProps) dispatchProps = mapDispatchToProps(dispatch,
ownProps);\n    mergedProps = mergeProps(stateProps, dispatchProps, ownProps);\n    return mergedProps;\n
}\n\n  function handleNewState() {\n    var nextStateProps = mapStateToProps(state, ownProps);\n    var
statePropsChanged = !areStatePropsEqual(nextStateProps, stateProps);\n    stateProps = nextStateProps;\n    if
(statePropsChanged) mergedProps = mergeProps(stateProps, dispatchProps, ownProps);\n    return mergedProps;\n
}\n\n  function handleSubsequentCalls(nextState, nextOwnProps) {\n    var propsChanged =
!areOwnPropsEqual(nextOwnProps, ownProps);\n    var stateChanged = !areStatesEqual(nextState, state);\n    state
= nextState;\n    ownProps = nextOwnProps;\n    if (propsChanged && stateChanged) return
handleNewPropsAndNewState();\n    if (propsChanged) return handleNewProps();\n    if (stateChanged) return
handleNewState();\n    return mergedProps;\n  }\n\n  return function pureFinalPropsSelector(nextState,
nextOwnProps) {\n    return hasRunAtLeastOnce ? handleSubsequentCalls(nextState, nextOwnProps) :
handleFirstCall(nextState, nextOwnProps);\n  };}\n} // TODO: Add more comments\n// If pure is true, the selector
returned by selectorFactory will memoize its results,\n// allowing connectAdvanced's shouldComponentUpdate to
return false if final\n// props have not changed. If false, the selector will always return a new\n// object and
shouldComponentUpdate will always return true.\n}\nexport default function finalPropsSelectorFactory(dispatch,
_ref2) {\n  var initMapStateToProps = _ref2.initMapStateToProps,\n      initMapDispatchToProps =
_ref2.initMapDispatchToProps,\n      initMergeProps = _ref2.initMergeProps,\n      options =

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_objectWithoutPropertiesLoose(_ref2, ["initMapStateToProps", "initMapDispatchToProps",
"initMergeProps"]);
var mapStateToProps = initMapStateToProps(dispatch, options);
var mapDispatchToProps = initMapDispatchToProps(dispatch, options);
var mergeProps = initMergeProps(dispatch, options);
if (process.env.NODE_ENV !== 'production') {
  verifySubselectors(mapStateToProps, mapDispatchToProps, mergeProps, options.displayName);
}
var selectorFactory = options.pure ? pureFinalPropsSelectorFactory : impureFinalPropsSelectorFactory;
return selectorFactory(mapStateToProps, mapDispatchToProps, mergeProps, dispatch, options);
}
import _extends from "@babel/runtime/helpers/esm/extends";
import _objectWithoutPropertiesLoose from "@babel/runtime/helpers/esm/objectWithoutPropertiesLoose";
import connectAdvanced from "../components/connectAdvanced";
import shallowEqual from "../utils/shallowEqual";
import defaultMapDispatchToPropsFactories from "../mapDispatchToProps";
import defaultMapStateToPropsFactories from "../mapStateToProps";
import defaultMergePropsFactories from "../mergeProps";
import defaultSelectorFactory from "../selectorFactory";
/*
connect is a facade over connectAdvanced. It turns its args into a compatible
selectorFactory, which has the signature:
(dispatch, options) => (nextState, nextOwnProps) => nextFinalProps
connect passes its args to connectAdvanced as options, which will in turn pass them to
selectorFactory each time a Connect component instance is instantiated or hot reloaded.
selectorFactory returns a final props selector from its mapStateToProps,
mapStateToPropsFactories, mapDispatchToProps, mapDispatchToPropsFactories,
mergeProps, mergePropsFactories, and pure args.
The resulting final props selector is called by the Connect component instance whenever
it receives new props or store state.
*/
function match(arg, factories, name) {
  for (var i = factories.length - 1; i >= 0; i--) {
    var result = factories[i](arg);
    if (result) return result;
  }
  return function (dispatch, options) {
    throw new Error("Invalid value of type " + typeof arg + " for " + name + " argument when connecting component " + options.wrappedComponentName + ".");
  };
}
function strictEqual(a, b) {
  return a === b;
}
// createConnect with default args builds the 'official' connect behavior. Calling it with
// different options opens up some testing and extensibility scenarios
export function createConnect(_temp) {
  var _ref = _temp === void 0 ? {} : _temp;
  _ref$connectHOC = _ref.connectHOC, connectHOC = _ref$connectHOC === void 0 ? connectAdvanced : _ref$connectHOC, _ref$mapStateToPropsF = _ref.mapStateToPropsFactories, mapStateToPropsFactories = _ref$mapStateToPropsF === void 0 ? defaultMapStateToPropsFactories : _ref$mapStateToPropsF, _ref$mapDispatchToPro = _ref.mapDispatchToPropsFactories, mapDispatchToPropsFactories = _ref$mapDispatchToPro === void 0 ? defaultMapDispatchToPropsFactories : _ref$mapDispatchToPro, _ref$mergePropsFactor = _ref.mergePropsFactories, mergePropsFactories = _ref$mergePropsFactor === void 0 ? defaultMergePropsFactories : _ref$mergePropsFactor, _ref$selectorFactory = _ref.selectorFactory, selectorFactory = _ref$selectorFactory === void 0 ? defaultSelectorFactory : _ref$selectorFactory;
  return function connect(mapStateToProps, mapDispatchToProps, mergeProps, _ref2) {
    if (_ref2 === void 0) {
      _ref2 = {};
    }
    var _ref3 = _ref2, _ref3$pure = _ref3.pure, pure = _ref3$pure === void 0 ? true : _ref3$pure, _ref3$areStatesEqual = _ref3.areStatesEqual, areStatesEqual = _ref3$areStatesEqual === void 0 ? strictEqual : _ref3$areStatesEqual, _ref3$areOwnPropsEqua = _ref3.areOwnPropsEqual, areOwnPropsEqual = _ref3$areOwnPropsEqua === void 0 ? shallowEqual : _ref3$areOwnPropsEqua, _ref3$areStatePropsEq = _ref3.areStatePropsEqual, areStatePropsEqual = _ref3$areStatePropsEq === void 0 ? shallowEqual : _ref3$areStatePropsEq, _ref3$areMergedPropsE = _ref3.areMergedPropsEqual, areMergedPropsEqual = _ref3$areMergedPropsE === void 0 ? shallowEqual : _ref3$areMergedPropsE, extraOptions = _objectWithoutPropertiesLoose(_ref3, ["pure", "areStatesEqual", "areOwnPropsEqual", "areStatePropsEqual", "areMergedPropsEqual"]);
    var initMapStateToProps = match(mapStateToProps, mapStateToPropsFactories, 'mapStateToProps');
    var initMapDispatchToProps = match(mapDispatchToProps, mapDispatchToPropsFactories, 'mapDispatchToProps');
    var initMergeProps = match(mergeProps, mergePropsFactories, 'mergeProps');
    return connectHOC(selectorFactory, _extends({
      // used in error messages
      methodName: 'connect',
      // used to compute Connect's displayName from the wrapped

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component's displayName.\n  getDisplayName: function getDisplayName(name) {\n    return \"Connect(\" +
name + \")\";\n  },\n  // if mapStateToProps is falsy, the Connect component doesn't subscribe to store state
changes\n  shouldHandleStateChanges: Boolean(mapStateToProps),\n  // passed through to selectorFactory\n  initMapStateToProps: initMapStateToProps,\n  initMapDispatchToProps: initMapDispatchToProps,\n  initMergeProps: initMergeProps,\n  pure: pure,\n  areStatesEqual: areStatesEqual,\n  areOwnPropsEqual:
areOwnPropsEqual,\n  areStatePropsEqual: areStatePropsEqual,\n  areMergedPropsEqual:
areMergedPropsEqual\n  }, extraOptions));\n  };\n}\nexport default createConnect();";"import Provider, {
createProvider } from './components/Provider';\nimport connectAdvanced from
'./components/connectAdvanced';\nimport connect from './connect/connect';\nexport { Provider, createProvider,
connectAdvanced, connect };";"import root from './_root.js';\n/** Built-in value references. */\nvar Symbol =
root.Symbol;\nexport default Symbol;";"var store = require('./_shared')('wks');\nvar uid = require('./_uid');\nvar
Symbol = require('./_global').Symbol;\nvar USE_SYMBOL = typeof Symbol == 'function';\nvar $exports =
module.exports = function (name) {\n  return store[name] || (store[name] = USE_SYMBOL && Symbol[name] ||
(USE_SYMBOL ? Symbol : uid)('Symbol.' + name));\n};\n\n$exports.store = store;";"use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\nvar _interopRequireDefault(_extends2);\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\nvar _createClass3 =
_interopRequireDefault(_createClass2);\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\nvar _inherits3 = _interopRequireDefault(_inherits2);\nvar _simpleAssign =
require('simple-assign');\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\nvar _react =
require('react');\nvar _react2 = _interopRequireDefault(_react);\nvar _propTypes = require('prop-types');\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\nvar _events = require('./utils/events');\nvar _events2 =
_interopRequireDefault(_events);\nvar _keycode = require('keycode');\nvar _keycode2 =
_interopRequireDefault(_keycode);\nvar _FocusRipple = require('./FocusRipple');\nvar _FocusRipple2 =
_interopRequireDefault(_FocusRipple);\nvar _TouchRipple = require('./TouchRipple');\nvar _TouchRipple2 =
_interopRequireDefault(_TouchRipple);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar styleInjected = false;\nvar listening = false;\nvar tabPressed
= false;\n\nfunction injectStyle() {\n  if (!styleInjected) {\n    // Remove inner padding and border in Firefox 4+.\n
var style = document.createElement('style');\n    style.innerHTML = \"\n    button::-moz-focus-inner,\n    input::-
moz-focus-inner {\n      border: 0;\n      padding: 0;\n    }\n    \";\n    document.body.appendChild(style);\n
styleInjected = true;\n  }\n}\n\nfunction listenForTabPresses() {\n  if (!listening) {\n    _events2.default.on(window,
'keydown', function (event) {\n      tabPressed = (0, _keycode2.default)(event) === 'tab';\n    });\n\n    listening =
true;\n  }\n}\n\nvar EnhancedButton = function (_Component) {\n  (0, _inherits3.default)(EnhancedButton,
_Component);\n\n  function EnhancedButton() {\n    var _ref;\n    var _temp, _this, _ret;\n\n    (0,
_classCallCheck3.default)(this, EnhancedButton);\n\n    for (var _len = arguments.length, args = Array(_len), _key
= 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = EnhancedButton.__proto__ || (0,
_getPrototypeOf2.default)(EnhancedButton)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n
isKeyboardFocused: false\n  }, _this.handleKeyDown = function (event) {\n    if (!this.props.disabled &&
!this.props.disableKeyboardFocus) {\n      if ((0, _keycode2.default)(event) === 'esc' &&
_this.state.isKeyboardFocused) {\n        _this.removeKeyboardFocus(event);\n      }\n    }\n  }\n}\n}

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_this.props.onKeyDown(event);\n  }, _this.handleKeyUp = function (event) {\n    _this.props.onKeyUp(event);\n  }, _this.handleBlur = function (event) {\n    _this.cancelFocusTimeout();\n\n    _this.removeKeyboardFocus(event);\n\n    _this.props.onBlur(event);\n  }, _this.handleFocus = function (event) {\n    if (event) event.persist();\n\n    if (!_this.props.disabled && !_this.props.disableKeyboardFocus) {\n      //\n      // setTimeout is needed because the focus event fires first\n      // Wait so that we can capture if this was a keyboard\n      // focus\n      // or touch focus\n      _this.focusTimeout = setTimeout(function () {\n        if (tabPressed) {\n          _this.setKeyboardFocus(event);\n          tabPressed = false;\n        }\n      }, 150);\n\n      _this.props.onFocus(event);\n    }\n  }, _this.handleClick = function (event) {\n    _this.cancelFocusTimeout();\n\n    if (!_this.props.disabled) {\n      tabPressed = false;\n\n      _this.removeKeyboardFocus(event);\n\n      _this.props.onClick(event);\n    }\n  }, _temp), (0,\n  _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(EnhancedButton, [{\n    key:\n    'componentWillMount',\n    value: function componentWillMount() {\n      var _props = this.props,\n          disabled = _props.disabled,\n          disableKeyboardFocus = _props.disableKeyboardFocus,\n          keyboardFocused = _props.keyboardFocused;\n\n      if (!disabled && keyboardFocused && !disableKeyboardFocus) {\n        this.setState({\n          isKeyboardFocused: true\n        });\n      }\n    }, {\n    key: 'componentDidMount',\n    value: function componentDidMount() {\n      injectStyle();\n      listenForTabPresses();\n\n      if (this.state.isKeyboardFocused) {\n        this.button.focus();\n        this.props.onKeyboardFocus(null, true);\n      }\n    }, {\n    key: 'componentWillReceiveProps',\n    value: function componentWillReceiveProps(nextProps) {\n      if ((nextProps.disabled || nextProps.disableKeyboardFocus) && this.state.isKeyboardFocused) {\n        this.setState({\n          isKeyboardFocused: false\n        });\n\n        if (nextProps.onKeyboardFocus) {\n          nextProps.onKeyboardFocus(null, false);\n        }\n      }\n    }, {\n    key: 'componentWillUnmount',\n    value: function componentWillUnmount() {\n      if (this.focusTimeout) {\n        clearTimeout(this.focusTimeout);\n      }\n    }, {\n    key: 'isKeyboardFocused',\n    value: function isKeyboardFocused() {\n      return this.state.isKeyboardFocused;\n    }, {\n    key: 'removeKeyboardFocus',\n    value: function removeKeyboardFocus(event) {\n      if (this.state.isKeyboardFocused) {\n        this.setState({\n          isKeyboardFocused: false\n        });\n        this.props.onKeyboardFocus(event, false);\n      }\n    }, {\n    key: 'setKeyboardFocus',\n    value: function setKeyboardFocus(event) {\n      if (!this.state.isKeyboardFocused) {\n        this.setState({\n          isKeyboardFocused: true\n        });\n        this.props.onKeyboardFocus(event, true);\n      }\n    }, {\n    key: 'cancelFocusTimeout',\n    value: function cancelFocusTimeout() {\n      if (this.focusTimeout) {\n        clearTimeout(this.focusTimeout);\n        this.focusTimeout = null;\n      }\n    }, {\n    key: 'createButtonChildren',\n    value: function createButtonChildren() {\n      var _props2 = this.props,\n          centerRipple = _props2.centerRipple,\n          children = _props2.children,\n          disabled = _props2.disabled,\n          disableFocusRipple = _props2.disableFocusRipple,\n          disableKeyboardFocus = _props2.disableKeyboardFocus,\n          disableTouchRipple = _props2.disableTouchRipple,\n          focusRippleColor = _props2.focusRippleColor,\n          focusRippleOpacity = _props2.focusRippleOpacity,\n          touchRippleColor = _props2.touchRippleColor,\n          touchRippleOpacity = _props2.touchRippleOpacity;\n\n      var isKeyboardFocused = this.state.isKeyboardFocused; // Focus Ripple\n      var focusRipple = isKeyboardFocused && !disabled && !disableFocusRipple && !disableKeyboardFocus ?\n        _react2.default.createElement(_FocusRipple2.default, {\n          color: focusRippleColor,\n          opacity: focusRippleOpacity,\n          show: isKeyboardFocused,\n          style: {\n            overflow: 'hidden'\n          },\n          key: 'focusRipple'\n        }) : undefined; // Touch Ripple\n      var touchRipple = !disabled && !disableTouchRipple ?\n        _react2.default.createElement(_TouchRipple2.default, {\n          centerRipple: centerRipple,\n          color: touchRippleColor,\n          opacity: touchRippleOpacity,\n          key: 'touchRipple'\n        }, children) : undefined;\n      return [focusRipple, touchRipple, touchRipple ? undefined : children];\n    }, {\n    key: 'render',\n    value: function render() {\n      var _this2 = this;\n      var _props3 = this.props,\n          centerRipple = _props3.centerRipple,\n          children = _props3.children,\n          containerElement = _props3.containerElement,\n          disabled = _props3.disabled,\n          disableFocusRipple = _props3.disableFocusRipple,\n          disableKeyboardFocus = _props3.disableKeyboardFocus,\n          disableTouchRipple =

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_props3.disableTouchRipple,\n      focusRippleColor = _props3.focusRippleColor,\n      focusRippleOpacity =
_props3.focusRippleOpacity,\n      href = _props3.href,\n      keyboardFocused = _props3.keyboardFocused,\n
      touchRippleColor = _props3.touchRippleColor,\n      touchRippleOpacity = _props3.touchRippleOpacity,\n
      onBlur = _props3.onBlur,\n      onClick = _props3.onClick,\n      onFocus = _props3.onFocus,\n
      onKeyUp = _props3.onKeyUp,\n      onKeyDown = _props3.onKeyDown,\n      onKeyboardFocus =
_props3.onKeyboardFocus,\n      style = _props3.style,\n      tabIndex = _props3.tabIndex,\n      type =
_props3.type,\n      other = (0, _objectWithoutProperties3.default)(_props3, ['centerRipple', 'children',
'containerElement', 'disabled', 'disableFocusRipple', 'disableKeyboardFocus', 'disableTouchRipple',
'focusRippleColor', 'focusRippleOpacity', 'href', 'keyboardFocused', 'touchRippleColor', 'touchRippleOpacity',
'onBlur', 'onClick', 'onFocus', 'onKeyUp', 'onKeyDown', 'onKeyboardFocus', 'style', 'tabIndex', 'type']);\n      var
_context$muiTheme = this.context.muiTheme,\n      prepareStyles = _context$muiTheme.prepareStyles,\n
      enhancedButton = _context$muiTheme.enhancedButton;\n      var mergedStyles = (0, _simpleAssign2.default)({\n
border: 10,\n      boxSizing: 'border-box',\n      display: 'inline-block',\n      fontFamily:
this.context.muiTheme.baseTheme.fontFamily,\n      WebkitTapHighlightColor:
enhancedButton.tapHighlightColor,\n      // Remove mobile color flashing (deprecated)\n      cursor: disabled ?
'default' : 'pointer',\n      textDecoration: 'none',\n      margin: 0,\n      padding: 0,\n      outline: 'none',\n
fontSize: 'inherit',\n      fontWeight: 'inherit',\n      position: 'relative',\n      // This is needed so that ripples do not
bleed past border radius.\n      verticalAlign: href ? 'middle' : null\n    }, style); // Passing both background:none &
backgroundColor can break due to object iteration order\n\n      if (!mergedStyles.backgroundColor &&
!mergedStyles.background) {\n        mergedStyles.background = 'none';\n      }\n\n      if (disabled && href) {\n
return _react2.default.createElement('span', (0, _extends3.default)({}, other, {\n        style: mergedStyles\n      })),
children);\n    }\n\n    var buttonProps = (0, _extends3.default)({}, other, {\n      style:
prepareStyles(mergedStyles),\n      ref: function ref(node) {\n        return _this2.button = node;\n      },\n
disabled: disabled,\n      onBlur: this.handleBlur,\n      onFocus: this.handleFocus,\n      onKeyUp:
this.handleKeyUp,\n      onKeyDown: this.handleKeyDown,\n      onClick: this.handleClick,\n      tabIndex:
disabled || disableKeyboardFocus ? -1 : tabIndex\n    });\n\n    if (href) buttonProps.href = href;\n\n    var
buttonChildren = this.createButtonChildren();\n\n    if (_react2.default.isValidElement(containerElement)) {\n
return _react2.default.cloneElement(containerElement, buttonProps, buttonChildren);\n    }\n\n    if (!href &&
containerElement === 'button') {\n      buttonProps.type = type;\n    }\n\n    return
_react2.default.createElement(href ? 'a' : containerElement, buttonProps, buttonChildren);\n  }\n}]);\nreturn
EnhancedButton;\n})(_react.Component);\n\nEnhancedButton.defaultProps = {\n  containerElement: 'button',\n
onBlur: function onBlur() {},\n  onClick: function onClick() {},\n  onFocus: function onFocus() {},\n  onKeyDown:
function onKeyDown() {},\n  onKeyUp: function onKeyUp() {},\n  onKeyboardFocus: function
onKeyboardFocus() {},\n  tabIndex: 0,\n  type: 'button'\n};\n\nEnhancedButton.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nEnhancedButton.propTypes = process.env.NODE_ENV !==
'production' ? {\n  centerRipple: _propTypes2.default.bool,\n  children: _propTypes2.default.node,\n
containerElement: _propTypes2.default.oneOfType([_propTypes2.default.string, _propTypes2.default.element]),\n
disableFocusRipple: _propTypes2.default.bool,\n  disableKeyboardFocus: _propTypes2.default.bool,\n
disableTouchRipple: _propTypes2.default.bool,\n  disabled: _propTypes2.default.bool,\n  focusRippleColor:
_propTypes2.default.string,\n  focusRippleOpacity: _propTypes2.default.number,\n  href:
_propTypes2.default.string,\n  keyboardFocused: _propTypes2.default.bool,\n  onBlur: _propTypes2.default.func,\n
onClick: _propTypes2.default.func,\n  onFocus: _propTypes2.default.func,\n  onKeyDown:
_propTypes2.default.func,\n  onKeyUp: _propTypes2.default.func,\n  onKeyboardFocus:
_propTypes2.default.func,\n  style: _propTypes2.default.object,\n  tabIndex: _propTypes2.default.number,\n
touchRippleColor: _propTypes2.default.string,\n  touchRippleOpacity: _propTypes2.default.number,\n  type:
_propTypes2.default.string\n} : {};\n\nexports.default = EnhancedButton;","var arrayPush = require('./_arrayPush'),\n
isFlattenable = require('./_isFlattenable');\n\n/**\n * The base implementation of `_.flatten` with support for
restricting flattening.\n * @private\n * @param {Array} array The array to flatten.\n * @param {number} depth

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The maximum recursion depth.\n * @param {boolean} [predicate=isFlattenable] The function invoked per
iteration.\n * @param {boolean} [isStrict] Restrict to values that pass `predicate` checks.\n * @param {Array}
[result=[]] The initial result value.\n * @returns {Array} Returns the new flattened array.\n */\n\nfunction
baseFlatten(array, depth, predicate, isStrict, result) {\n  var index = -1,\n      length = array.length;\n  predicate ||
(predicate = isFlattenable);\n  result || (result = []);\n  while (++index < length) {\n    var value = array[index];\n    if (depth > 0 && predicate(value)) {\n      if (depth > 1) {\n        // Recursively flatten arrays (susceptible to call
stack limits).\n        baseFlatten(value, depth - 1, predicate, isStrict, result);\n      } else {\n        arrayPush(result,
value);\n      }\n    } else if (!isStrict) {\n      result[result.length] = value;\n    }\n  }\n  return
result;\n}\n\nmodule.exports = baseFlatten;","/**\n * Gets the last element of `array`.\n *\n * @static\n *
@memberOf _\n * @since 0.1.0\n * @category Array\n * @param {Array} array The array to query.\n * @returns
{*} Returns the last element of `array`.\n * @example\n *\n * _last([1, 2, 3]);\n * // => 3\n */\nfunction last(array)
{\n  var length = array == null ? 0 : array.length;\n  return length ? array[length - 1] :
undefined;\n}\n\nmodule.exports = last;","var freeGlobal = require('./_freeGlobal');\n\n/** Detect free variable `self` .\n *\n * \n\nvar freeSelf = typeof self == 'object' && self && self.Object === Object && self;\n\n/** Used as a reference
to the global object. *\n\nvar root = freeGlobal || freeSelf || Function('return this')();\n\nmodule.exports = root;","var
assignValue = require('./_assignValue'),\n    baseAssignValue = require('./_baseAssignValue');\n\n/**\n * Copies
properties of `source` to `object`.\n *\n * @private\n * @param {Object} source The object to copy properties
from.\n * @param {Array} props The property identifiers to copy.\n * @param {Object} [object={}] The object to
copy properties to.\n * @param {Function} [customizer] The function to customize copied values.\n * @returns
{Object} Returns `object`.\n */\nfunction copyObject(source, props, object, customizer) {\n  var isNew =
!object;\n  object || (object = {});\n  var index = -1,\n      length = props.length;\n  while (++index < length) {\n
var key = props[index];\n    var newValue = customizer ? customizer(object[key], source[key], key, object, source) :
undefined;\n    if (newValue === undefined) {\n      newValue = source[key];\n    }\n    if (isNew) {\n      baseAssignValue(object, key, newValue);\n    } else {\n      assignValue(object, key, newValue);\n    }\n  }\n  return
object;\n}\n\nmodule.exports = copyObject;","/**\n * The base implementation of `_.slice` without an
iteratee call guard.\n *\n * @private\n * @param {Array} array The array to slice.\n * @param {number} [start=0]
The start position.\n * @param {number} [end=array.length] The end position.\n * @returns {Array} Returns the
slice of `array`.\n */\nfunction baseSlice(array, start, end) {\n  var index = -1,\n      length = array.length;\n  if (start
< 0) {\n    start = -start > length ? 0 : length + start;\n  }\n  end = end > length ? length : end;\n  if (end < 0) {\n
end += length;\n  }\n  length = start > end ? 0 : end - start >>> 0;\n  start >>>= 0;\n  var result = Array(length);\n  while (++index < length) {\n    result[index] = array[index + start];\n  }\n  return result;\n}\n\nmodule.exports =
baseSlice;","import isSymbol from './isSymbol.js';\n\n/** Used as references for various `Number` constants.\n *\n * \n\nvar INFINITY = 1 / 0;\n\n/**\n * Converts `value` to a string key if it's not a string or symbol.\n *\n *
@private\n * @param {*} value The value to inspect.\n * @returns {string|symbol} Returns the key.\n */\nfunction toKey(value) {\n  if (typeof value == 'string' || isSymbol(value)) {\n    return value;\n  }\n  var result
= value + '';\n  return result == '0' && 1 / value == -INFINITY ? '-0' : result;\n}\n\nexport default toKey;","/**\n *
Performs a\n * [SameValueZero](http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero)\n * comparison
between two values to determine if they are equivalent.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n *
@category Lang\n * @param {*} value The value to compare.\n * @param {*} other The other value to compare.\n *
@returns {boolean} Returns `true` if the values are equivalent, else `false`.\n * @example\n *\n * var object = {
'a': 1 };\n * var other = { 'a': 1 };\n *\n * _eq(object, object);\n * // => true\n *\n * _eq(object, other);\n * // =>
false\n *\n * _eq('a', 'a');\n * // => true\n *\n * _eq('a', Object('a'));\n * // => false\n *\n * _eq(NaN, NaN);\n * // =>
true\n */\nfunction eq(value, other) {\n  return value === other || value !== value && other !== other;\n}\n\nexport
default eq;","use strict;\n\nObject.defineProperty(exports, '__esModule', {\n  value: true\n});\n\nvar _Toggle =
require('./Toggle');\n\nObject.defineProperty(exports, 'Toggle', {\n  enumerable: true,\n  get: function get() {\n
return _interopRequireDefault(_Toggle).default;\n  }\n});\n\nvar _Slider =
require('./Slider');\n\nObject.defineProperty(exports, 'Slider', {\n  enumerable: true,\n  get: function get() {\n
return _interopRequireDefault(_Slider).default;\n  }\n});\n\nvar _Checkbox =

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require('./Checkbox');\n\nObject.defineProperty(exports, 'Checkbox', {\n  enumerable: true,\n  get: function get() {\n    return _interopRequireDefault(_Checkbox).default;\n  }\n});\n\nvar _TextField =\nrequire('./TextField');\n\nObject.defineProperty(exports, 'TextField', {\n  enumerable: true,\n  get: function get() {\n    return _interopRequireDefault(_TextField).default;\n  }\n});\n\nvar _TimePicker =\nrequire('./TimePicker');\n\nObject.defineProperty(exports, 'TimePicker', {\n  enumerable: true,\n  get: function get() {\n    return _interopRequireDefault(_TimePicker).default;\n  }\n});\n\nvar _DatePicker =\nrequire('./DatePicker');\n\nObject.defineProperty(exports, 'DatePicker', {\n  enumerable: true,\n  get: function get() {\n    return _interopRequireDefault(_DatePicker).default;\n  }\n});\n\nvar _SelectField =\nrequire('./SelectField');\n\nObject.defineProperty(exports, 'SelectField', {\n  enumerable: true,\n  get: function get() {\n    return _interopRequireDefault(_SelectField).default;\n  }\n});\n\nvar _AutoComplete =\nrequire('./AutoComplete');\n\nObject.defineProperty(exports, 'AutoComplete', {\n  enumerable: true,\n  get: function get() {\n    return _interopRequireDefault(_AutoComplete).default;\n  }\n});\n\nvar _RadioButtonGroup =\nrequire('./RadioButtonGroup');\n\nObject.defineProperty(exports, 'RadioButtonGroup', {\n  enumerable: true,\n  get: function get() {\n    return _interopRequireDefault(_RadioButtonGroup).default;\n  }\n});\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\n"use strict";\n\nObject.defineProperty(exports, '__esModule', {\n  value: true\n});\n\nfunction _interopDefault(ex) {\n  return ex && typeof ex === 'object' && 'default' in ex ? ex['default'] : ex;\n}\n\nvar _classCallCheck =\n_interopDefault(require('@babel/runtime/helpers/classCallCheck'));\n\nvar _createClass =\n_interopDefault(require('@babel/runtime/helpers/createClass'));\n\nvar _possibleConstructorReturn =\n_interopDefault(require('@babel/runtime/helpers/possibleConstructorReturn'));\n\nvar _getPrototypeOf =\n_interopDefault(require('@babel/runtime/helpers/getPrototypeOf'));\n\nvar _inherits =\n_interopDefault(require('@babel/runtime/helpers/inherits'));\n\nvar _typeof =\n_interopDefault(require('@babel/runtime/helpers/typeof'));\n\nvar _objectWithoutProperties =\n_interopDefault(require('@babel/runtime/helpers/objectWithoutProperties'));\n\nvar _extends =\n_interopDefault(require('@babel/runtime/helpers/extends'));\n\nvar React = _interopDefault(require('react'));\n\nvar PropTypes = _interopDefault(require('prop-types'));\n\nvar warning =\n_interopDefault(require('warning'));\n\nfunction defineProperty(object, property, attr) {\n  return\n  Object.defineProperty(object, property, attr);\n}\n\n// Passive options\n// Inspired by\nhttps://github.com/Modernizr/Modernizr/blob/master/feature-detects/dom/passiveeventlisteners.js\n\nvar\npassiveOption = function () {\n  var cache = null;\n  return function () {\n    if (cache !== null) {\n      return cache;\n    }\n\n    var supportsPassiveOption = false;\n\n    try {\n      window.addEventListener('test', null, defineProperty({},\n        'passive', {\n          get: function get() {\n            supportsPassiveOption = true;\n          }\n        }));\n    } catch (err) {\n    }\n\n    cache = supportsPassiveOption;\n    return supportsPassiveOption;\n  }();\n}\n\nvar defaultEventOptions =\n{\n  capture: false,\n  passive: false\n};\n\nfunction mergeDefaultEventOptions(options) {\n  return _extends({},\n    defaultEventOptions,\n    options);\n}\n\nfunction getEventListenerArgs(eventName, callback, options) {\n  var args =\n[eventName, callback];\n  args.push(passiveOption ? options : options.capture);\n  return args;\n}\n\nfunction\non(target, eventName, callback, options) {\n  // eslint-disable-next-line prefer-spread\n  target.addEventListener.apply(target, getEventListenerArgs(eventName, callback, options));\n}\n\nfunction\noff(target, eventName, callback, options) {\n  // eslint-disable-next-line prefer-spread\n  target.removeEventListener.apply(target, getEventListenerArgs(eventName, callback, options));\n}\n\nfunction\nforEachListener(props, iteratee) {\n  var children = props.children,\n      target = props.target,\n      eventProps =\n_objectWithoutProperties(props, ["children", "target"]); \n\n  Object.keys(eventProps).forEach(function (name) {\n    if (name.substring(0, 2) !== 'on') {\n      return;\n    }\n\n    var prop = eventProps[name];\n\n    var type =\n_typeof(prop);\n\n    var isObject = type === 'object';\n    var isFunction = type === 'function';\n\n    if (!isObject\n      && !isFunction) {\n      return;\n    }\n\n    var capture = name.substr(-7).toLowerCase() === 'capture';\n    var\neventName = name.substring(2).toLowerCase();\n    eventName = capture ? eventName.substring(0,\n      eventName.length - 7) : eventName;\n\n    if (isObject) {\n      iteratee(eventName, prop.handler, prop.options);\n    } else {\n      iteratee(eventName, prop, mergeDefaultEventOptions({\n        capture: capture\n      }));\n    }\n  });\n}

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});\n}\n\nfunction withOptions(handler, options) {\n  process.env.NODE_ENV !== "production" ?
warning(options, 'react-event-listener: should be specified options in withOptions.'): void 0;\n  return {\n    handler:
handler,\n    options: mergeDefaultEventOptions(options)\n  };\n}\n\nvar EventListener
=\n/*#__PURE__*/\nfunction (_React$PureComponent) {\n  _inherits(EventListener, _React$PureComponent);\n\n  function EventListener() {\n    _classCallCheck(this, EventListener);\n\n    return _possibleConstructorReturn(this,
_getPrototypeOf(EventListener).apply(this, arguments));\n  }\n\n  _createClass(EventListener, [{\n    key:
"componentDidMount",\n    value: function componentDidMount() {\n      this.applyListeners(on);\n    }\n  }, {\n    key:
"componentDidUpdate",\n    value: function componentDidUpdate(prevProps) {\n      this.applyListeners(off,
prevProps);\n      this.applyListeners(on);\n    }\n  }, {\n    key: "componentWillUnmount",\n    value: function
componentWillUnmount() {\n      this.applyListeners(off);\n    }\n  }, {\n    key: "applyListeners",\n    value:
function applyListeners(onOrOff) {\n      var props = arguments.length > 1 && arguments[1] !== undefined ?
arguments[1] : this.props;\n      var target = props.target;\n\n      if (target) {\n        var element = target;\n\n        if
(typeof target === 'string') {\n          element = window[target];\n        }\n\n        forEachListener(props,
onOrOff.bind(null, element));\n      }\n    }\n  }, {\n    key: "render",\n    value: function render() {\n      return
this.props.children || null;\n    }\n  }]);\n\n  return
EventListener;\n}\n\n(React.PureComponent);\n\nEventListener.propTypes = process.env.NODE_ENV !==
"production" ? {\n  /**\n   * You can provide a single child too.\n   */\n  children: PropTypes.node,\n\n  /**\n   *
The DOM target to listen to.\n   */\n  target: PropTypes.oneOfType([PropTypes.object,
PropTypes.string]).isRequired\n} : {};\n\nexports.withOptions = withOptions;\n\nexports.default =
EventListener;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends
= Object.assign || function (target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments[i];\n\n    for
(var key in source) {\n      if (Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] =
source[key];\n      }\n    }\n  }\n\n  return target;\n};\n\nvar _createClass = function () {\n  function
defineProperties(target, props) {\n    for (var i = 0; i < props.length; i++) {\n      var descriptor = props[i];\n\n      descriptor.enumerable = descriptor.enumerable || false;\n      descriptor.configurable = true;\n      if ("value" in
descriptor) descriptor.writable = true;\n      Object.defineProperty(target, descriptor.key, descriptor);\n    }\n  }\n\n  return function (Constructor, protoProps, staticProps) {\n    if (protoProps) defineProperties(Constructor.prototype,
protoProps);\n    if (staticProps) defineProperties(Constructor, staticProps);\n    return Constructor;\n  };\n}();\n\nexports.default = createComponent;\n\nvar _react = require('react');\n\nfunction
_classCallCheck(instance, Constructor) {\n  if (!(instance instanceof Constructor)) {\n    throw new
TypeError("Cannot call a class as a function");\n  }\n}\n\nfunction _possibleConstructorReturn(self, call) {\n  if
(!self) {\n    throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n  }\n\n  return
call && (typeof call === "object" || typeof call === "function") ? call : self;\n}\n\nfunction _inherits(subClass,
superClass) {\n  if (typeof superClass !== "function" && superClass !== null) {\n    throw new
TypeError("Super expression must either be null or a function, not " + typeof superClass);\n  }\n\n  subClass.prototype =
Object.create(superClass && superClass.prototype, {\n    constructor: {\n      value: subClass,\n      enumerable:
false,\n      writable: true,\n      configurable: true\n    }\n  });\n  if (superClass) Object.setPrototypeOf ?
Object.setPrototypeOf(subClass, superClass) : subClass.__proto__ = superClass;\n}\n\n/**\n * Creates a component
class that renders the given Material UI component\n * @param MaterialUIComponent The material ui
component to render\n * @param mapProps A mapping of props provided by redux-form to the props the Material
UI\n * component needs\n */\n\nfunction createComponent(MaterialUIComponent, mapProps) {\n  var
InputComponent = function (_Component) {\n    _inherits(InputComponent, _Component);\n\n    function
InputComponent() {\n      _classCallCheck(this, InputComponent);\n\n      return _possibleConstructorReturn(this,
(InputComponent.__proto__ || Object.getPrototypeOf(InputComponent)).apply(this, arguments));\n    }\n\n    _createClass(InputComponent, [{\n      key: 'getRenderedComponent',\n      value: function
getRenderedComponent() {\n        return this.refs.component;\n      }\n    }, {\n      key: 'render',\n      value: function
render() {\n        return (0, _react.createElement)(MaterialUIComponent, _extends({}, mapProps(this.props), {\n          ref: 'component'\n        }));\n      }\n    }]);\n\n    return InputComponent;\n  }(_react.Component);\n\n}

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InputComponent.displayName = 'ReduxFormMaterialUI' + MaterialUIComponent.name;\n return
InputComponent;\n}", "/*\n * Performs a\n * [ `SameValueZero` ](http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero)\n * comparison between two values to determine if they are equivalent.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to compare.\n * @param {*} other The other value to compare.\n * @returns {boolean} Returns `true` if the values are equivalent, else `false`.\n * @example\n *\n * var object = { 'a': 1 };\n * var other = { 'a': 1 };\n *\n * _.eq(object, object);\n * // => true\n *\n * _.eq(object, other);\n * // => false\n *\n * _.eq('a', 'a');\n * // => true\n *\n * _.eq('a', Object('a'));\n * // => false\n *\n * _.eq(NaN, NaN);\n * // => true\n *\n * ^\nfunction eq(value, other) {\n  return value === other || value !== value && other !== other;\n}\n\nmodule.exports = eq;","/*\n * Checks if `value` is object-like. A value is object-like if it's not `null`\n * and has a `typeof` result of `"object"`.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is object-like, else `false`.\n * @example\n *\n * _.isObjectLike({});\n * // => true\n *\n * _.isObjectLike([1, 2, 3]);\n * // => true\n *\n * _.isObjectLike(_noop);\n * // => false\n *\n * _.isObjectLike(null);\n * // => false\n *\n * ^\nfunction isObjectLike(value) {\n  return value != null && typeof value == 'object';\n}\n\nmodule.exports = isObjectLike;","/*\n * Used for built-in method references. *\n * ^\n * nvar funcProto = Function.prototype;\n * ^\n * nvar funcToString = funcProto.toString;\n * ^\n * nvar Converts `func` to its source code.\n *\n * @private\n * @param {Function} func The function to convert.\n * @returns {string} Returns the source code.\n *\n * ^\n * nfunction toSource(func) {\n  if (func != null) {\n    try {\n      return funcToString.call(func);\n    } catch (e) {\n      return func + ";\n    } catch (e) {\n      return ";\n    }\n  }\n  return ";\n}\n\nexport default toSource;","var global = require('./_global');\n\nvar core = require('./_core');\n\nvar ctx = require('./_ctx');\n\nvar hide = require('./_hide');\n\nvar has = require('./_has');\n\nvar PROTOTYPE = 'prototype';\n\nvar $export = function $export(type, name, source) {\n  var IS_FORCED = type & $export.F;\n  var IS_GLOBAL = type & $export.G;\n  var IS_STATIC = type & $export.S;\n  var IS_PROTO = type & $export.P;\n  var IS_BIND = type & $export.B;\n  var IS_WRAP = type & $export.W;\n  var exports = IS_GLOBAL ? core : core[name] || (core[name] = {});\n  var expProto = exports[PROTOTYPE];\n  var target = IS_GLOBAL ? global : IS_STATIC ? global[name] : (global[name] || {})[PROTOTYPE];\n  var key, own, out;\n  if (IS_GLOBAL) source = name;\n  for (key in source) {\n    // contains in native\n    own = !IS_FORCED && target && target[key] !== undefined;\n    if (own && has(exports, key)) continue; // export native or passed\n    out = own ? target[key] : source[key]; // prevent global pollution for namespaces\n    exports[key] = IS_GLOBAL && typeof target[key] != 'function' ? source[key] // bind timers to global for call from export context\n      : IS_BIND && own ? ctx(out, global) // wrap global constructors for prevent change them in library\n        : IS_WRAP && target[key] == out ? function (C) {\n          var F = function F(a, b, c) {\n            if (this instanceof C) {\n              switch (arguments.length) {\n                case 0:\n                  return new C();\n                case 1:\n                  return new C(a);\n                case 2:\n                  return new C(a, b);\n                default:\n                  return new C(a, b, c);\n              }\n            }\n            return C.apply(this, arguments);\n          };\n          F[PROTOTYPE] = C[PROTOTYPE];\n          return F; // make static versions for prototype methods\n        }(out) : IS_PROTO && typeof out == 'function' ? ctx(Function.call, out) : out; // export proto methods to core.%CONSTRUCTOR%.methods.%NAME%\n    if (IS_PROTO) {\n      (exports.virtual || (exports.virtual = {}))[key] = out; // export proto methods to core.%CONSTRUCTOR%.prototype.%NAME%\n      if (type & $export.R && expProto && !expProto[key]) hide(expProto, key, out);\n    }\n  }\n}; // type bitmap\n\n$export.F = 1; // forced\n$export.G = 2; // global\n$export.S = 4; // static\n$export.P = 8; // proto\n$export.B = 16; // bind\n$export.W = 32; // wrap\n$export.U = 64; // safe\n$export.R = 128; // real proto method for `library`\n\nmodule.exports = $export;","// https://github.com/zloirock/core-js/issues/86#issuecomment-115759028\n\nvar global = module.exports = typeof window != 'undefined' && window.Math == Math ? window :\n  typeof self != 'undefined' && self.Math == Math ? self // eslint-disable-next-line no-new-func\n  : Function('return this')();\n\nif (typeof __g == 'number') __g = global; // eslint-disable-line no-undef\n\nvar anObject = require('./_an-object');\n\nvar IE8_DOM_DEFINE = require('./_ie8-dom-define');\n\nvar toPrimitive = require('./_to-primitive');\n\nvar dP = Object.defineProperty;\n\nvar exports.f = require('./_descriptors') ? Object.defineProperty : function defineProperty(O, P, Attributes) {\n  anObject(O);\n  P = toPrimitive(P, true);\n  anObject(Attributes);\n  if

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(IE8_DOM_DEFINE) try {\n  return dP(O, P, Attributes);\n } catch (e) {\n  /* empty */\n }\n if ('get' in
Attributes || 'set' in Attributes) throw TypeError('Accessors not supported!');\n if ('value' in Attributes) O[P] =
Attributes.value;\n return O;\n};", "use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\nexports.convertColorToString = convertColorToString;\nexports.convertHexToRGB =
convertHexToRGB;\nexports.decomposeColor = decomposeColor;\nexports.getContrastRatio =
getContrastRatio;\nexports.getLuminance = getLuminance;\nexports.emphasize = emphasize;\nexports.fade =
fade;\nexports.darken = darken;\nexports.lighten = lighten;\n\nvar _warning = require('warning');\nvar _warning2
= _interopRequireDefault(_warning);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ?
obj : {\n  default: obj\n };\n}\n\n/**\n * Returns a number whose value is limited to the given range.\n * @param
{number} value The value to be clamped\n * @param {number} min The lower boundary of the output range\n *
@param {number} max The upper boundary of the output range\n * @returns {number} A number in the range
[min, max]\n */\nfunction clamp(value, min, max) {\n if (value < min) {\n  return min;\n }\n\n if (value >
max) {\n  return max;\n }\n\n return value;\n}\n\n/**\n * Converts a color object with type and values to a string.\n
*\n * @param {object} color - Decomposed color\n * @param {string} color.type - One of, 'rgb', 'rgba', 'hsl', 'hsla'\n
*\n * @param {array} color.values - [n,n,n] or [n,n,n,n]\n * @returns {string} A CSS color string\n */\n\nfunction
convertColorToString(color) {\n  var type = color.type,\n      values = color.values;\n\n  if (type.indexOf('rgb') > -1)
{\n    // Only convert the first 3 values to int (i.e. not alpha)\n    for (var i = 0; i < 3; i++) {\n      values[i] =
parseInt(values[i]);\n    }\n\n    var colorString = void 0;\n\n    if (type.indexOf('hsl') > -1) {\n      colorString =
color.type + '(' + values[0] + ', ' + values[1] + '%, ' + values[2] + '%';\n    } else {\n      colorString = color.type + '(' +
values[0] + ', ' + values[1] + ', ' + values[2];\n    }\n\n    if (values.length === 4) {\n      colorString += ', ' +
color.values[3] + ')';\n    } else {\n      colorString += ')';\n    }\n\n    return colorString;\n  }\n\n  /**\n   * Converts a color from
CSS hex format to CSS rgb format.\n   *\n   * @param {string} color - Hex color, i.e. #nnn or #nnnnnn\n   * @returns
{string} A CSS rgb color string\n   */\n\n  function convertHexToRGB(color) {\n    if (color.length === 4) {\n      var
extendedColor = '#';\n\n      for (var i = 1; i < color.length; i++) {\n        extendedColor += color.charAt(i) +
color.charAt(i);\n      }\n\n      color = extendedColor;\n    }\n\n    var values = {\n      r: parseInt(color.substr(1, 2), 16),\n
g: parseInt(color.substr(3, 2), 16),\n      b: parseInt(color.substr(5, 2), 16)\n    };\n\n    return 'rgb(' + values.r + ', ' +
values.g + ', ' + values.b + ')';\n  }\n\n  /**\n   * Returns an object with the type and values of a color.\n   *\n   * Note: Does
not support rgb % values and color names.\n   *\n   * @param {string} color - CSS color, i.e. one of: #nnn, #nnnnnn,
rgb(), rgba(), hsl(), hsla()\n   * @returns {{type: string, values: number[]}} A MUI color object\n   */\n\n  function
decomposeColor(color) {\n    if (color.charAt(0) === '#') {\n      return decomposeColor(convertHexToRGB(color));\n    }\n\n    var
marker = color.indexOf('(');\n\n    process.env.NODE_ENV !== \"production\" ? (0,
_warning2.default)(marker !== -1, 'Material-UI: The ' + color + ' color was not parsed correctly,\\n because it has an
unsupported format (color name or RGB %). This may cause issues in component rendering.'): void 0;\n\n    var type =
color.substring(0, marker);\n\n    var values = color.substring(marker + 1, color.length - 1).split(',');\n\n    values =
values.map(function (value) {\n      return parseFloat(value);\n    });\n\n    return {\n      type: type,\n      values: values\n
    };\n  }\n\n  /**\n   * Calculates the contrast ratio between two colors.\n   *\n   * Formula: http://www.w3.org/TR/2008/REC-
WCAG20-20081211/#contrast-ratiodef\n   *\n   * @param {string} foreground - CSS color, i.e. one of: #nnn,
#nnnnnn, rgb(), rgba(), hsl(), hsla()\n   * @param {string} background - CSS color, i.e. one of: #nnn, #nnnnnn, rgb(),
rgba(), hsl(), hsla()\n   * @returns {number} A contrast ratio value in the range 0 - 21 with 2 digit precision.\n
*/\n\n  function getContrastRatio(foreground, background) {\n    var lumA = getLuminance(foreground);\n    var
lumB = getLuminance(background);\n\n    var contrastRatio = (Math.max(lumA, lumB) + 0.05) / (Math.min(lumA,
lumB) + 0.05);\n\n    return Number(contrastRatio.toFixed(2)); // Truncate at two digits\n  }\n\n  /**\n   * The relative
brightness of any point in a color space,\n   * normalized to 0 for darkest black and 1 for lightest white.\n   *\n   *
Formula: https://www.w3.org/WAI/GL/wiki/Relative_luminance\n   *\n   * @param {string} color - CSS color, i.e.
one of: #nnn, #nnnnnn, rgb(), rgba(), hsl(), hsla()\n   * @returns {number} The relative brightness of the color in the
range 0 - 1\n   */\n\n  function getLuminance(color) {\n    color = decomposeColor(color);\n\n    if
(color.type.indexOf('rgb') > -1) {\n      var rgb = color.values.map(function (val) {\n        val /= 255; // normalized\n\n
return val <= 0.03928 ? val / 12.92 : Math.pow((val + 0.055) / 1.055, 2.4);\n      });\n\n      return Number((0.2126 *

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rgb[0] + 0.7152 * rgb[1] + 0.0722 * rgb[2]).toFixed(3)); // Truncate at 3 digits\n } else if (color.type.indexOf('hsl')
> -1) {\n  return color.values[2] / 100;\n }\n}\n/**\n * Darken or lighten a colour, depending on its luminance.\n *
Light colors are darkened, dark colors are lightened.\n * \n * @param {string} color - CSS color, i.e. one of: #nnn,
#nnnnnn, rgb(), rgba(), hsl(), hsla()\n * @param {number} coefficient=0.15 - multiplier in the range 0 - 1\n *
@returns {string} A CSS color string. Hex input values are returned as rgb\n *\n\nfunction emphasize(color) {\n
var coefficient = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : 0.15;\n return
getLuminance(color) > 0.5 ? darken(color, coefficient) : lighten(color, coefficient);\n}\n}\n/**\n * Set the absolute
transparency of a color.\n * Any existing alpha values are overwritten.\n * \n * @param {string} color - CSS color,
i.e. one of: #nnn, #nnnnnn, rgb(), rgba(), hsl(), hsla()\n * @param {number} value - value to set the alpha channel to
in the range 0 -1\n * @returns {string} A CSS color string. Hex input values are returned as rgb\n *\n\nfunction
fade(color, value) {\n  color = decomposeColor(color);\n  value = clamp(value, 0, 1);\n\n  if (color.type === 'rgb' ||
color.type === 'hsl') {\n    color.type += 'a';\n  }\n\n  color.values[3] = value;\n  return
convertColorToString(color);\n}\n}\n/**\n * Darkens a color.\n * \n * @param {string} color - CSS color, i.e. one of:
#nnn, #nnnnnn, rgb(), rgba(), hsl(), hsla()\n * @param {number} coefficient - multiplier in the range 0 - 1\n *
@returns {string} A CSS color string. Hex input values are returned as rgb\n *\n\nfunction darken(color,
coefficient) {\n  color = decomposeColor(color);\n  coefficient = clamp(coefficient, 0, 1);\n\n  if
(color.type.indexOf('hsl') > -1) {\n    color.values[2] *= 1 - coefficient;\n  } else if (color.type.indexOf('rgb') > -1)
{\n    for (var i = 0; i < 3; i++) {\n      color.values[i] *= 1 - coefficient;\n    }\n  }\n\n  return
convertColorToString(color);\n}\n}\n/**\n * Lightens a color.\n * \n * @param {string} color - CSS color, i.e. one of:
#nnn, #nnnnnn, rgb(), rgba(), hsl(), hsla()\n * @param {number} coefficient - multiplier in the range 0 - 1\n *
@returns {string} A CSS color string. Hex input values are returned as rgb\n *\n\nfunction lighten(color,
coefficient) {\n  color = decomposeColor(color);\n  coefficient = clamp(coefficient, 0, 1);\n\n  if
(color.type.indexOf('hsl') > -1) {\n    color.values[2] += (100 - color.values[2]) * coefficient;\n  } else if
(color.type.indexOf('rgb') > -1) {\n    for (var i = 0; i < 3; i++) {\n      color.values[i] += (255 - color.values[i]) *
coefficient;\n    }\n  }\n\n  return convertColorToString(color);\n}" , "var isArray = require('./isArray'),\n  isKey =
require('./isKey'),\n  stringToPath = require('./stringToPath'),\n  toString = require('./toString');\n/**\n * Casts
`value` to a path array if it's not one.\n * \n * @private\n * @param {*} value The value to inspect.\n * @param
{Object} [object] The object to query keys on.\n * @returns {Array} Returns the cast property path array.\n
*\n\nfunction castPath(value, object) {\n  if (isArray(value)) {\n    return value;\n  }\n\n  return isKey(value,
object) ? [value] : stringToPath(toString(value));\n}\n\nmodule.exports = castPath;" , "var isSymbol =
require('./isSymbol');\n/** Used as references for various `Number` constants. *\n\nvar INFINITY = 1 / 0;\n/**\n * Converts `value` to a string key if it's not a string or symbol.\n * \n * @private\n * @param {*} value The value to
inspect.\n * @returns {string|symbol} Returns the key.\n *\n\nfunction toKey(value) {\n  if (typeof value === 'string'
|| isSymbol(value)) {\n    return value;\n  }\n\n  var result = value + ";\n  return result === '0' && 1 / value === -
INFINITY ? '0' : result;\n}\n\nmodule.exports = toKey;" , "import arrayMap from './arrayMap.js';\nimport
copyArray from './copyArray.js';\nimport isArray from './isArray.js';\nimport isSymbol from
'./isSymbol.js';\nimport stringToPath from './stringToPath.js';\nimport toKey from './toKey.js';\nimport toString
from './toString.js';\n/**\n * Converts `value` to a property path array.\n * \n * @static\n * @memberOf _\n * @since
4.0.0\n * @category Util\n * @param {*} value The value to convert.\n * @returns {Array} Returns the new
property path array.\n * @example\n * \n * _.toPath('a.b.c');\n * // => ['a', 'b', 'c']\n * \n * _.toPath('a[0].b.c');\n * // =>
['a', '0', 'b', 'c']\n *\n\nfunction toPath(value) {\n  if (isArray(value)) {\n    return arrayMap(value, toKey);\n  }\n\n  return isSymbol(value) ? [value] : copyArray(stringToPath(toString(value)));\n}\n\nexport default toPath;" , "import
baseGetTag from './baseGetTag.js';\nimport isObjectLike from './isObjectLike.js';\n/** `Object#toString` result
references. *\n\nvar symbolTag = '[object Symbol]';\n/**\n * Checks if `value` is classified as a `Symbol` primitive
or object.\n * \n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The
value to check.\n * @returns {boolean} Returns `true` if `value` is a symbol, else `false`.\n * @example\n * \n *
_.isSymbol(Symbol.iterator);\n * // => true\n * \n * _.isSymbol('abc');\n * // => false\n *\n\nfunction
isSymbol(value) {\n  return typeof value === 'symbol' || isObjectLike(value) && baseGetTag(value) ==

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symbolTag;\n\nexport default isSymbol;","import isFunction from './isFunction.js';\nimport isLength from
 './isLength.js';\n/**\n * Checks if `value` is array-like. A value is considered array-like if it's\n * not a function and
 has a `value.length` that's an integer greater than or\n * equal to `0` and less than or equal to
 `Number.MAX_SAFE_INTEGER`.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n *
 @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is array-like, else `false`.\n
 * @example\n *\n * _isArrayLike([1, 2, 3]);\n * // => true\n *\n * _isArrayLike(document.body.children);\n * //
 => true\n *\n * _isArrayLike('abc');\n * // => true\n *\n * _isArrayLike(_.noop);\n * // => false\n */\nfunction
 isArrayLike(value) {\n  return value != null && isLength(value.length) && !isFunction(value);\n}\n\nexport default
 isArrayLike;","import defineProperty from './_defineProperty.js';\n/**\n * The base implementation of
 `assignValue` and `assignMergeValue` without\n * value checks.\n *\n * @private\n * @param {Object} object The
 object to modify.\n * @param {string} key The key of the property to assign.\n * @param {*} value The value to
 assign.\n */\nfunction baseAssignValue(object, key, value) {\n  if (key == '__proto__' && defineProperty) {\n
  defineProperty(object, key, {\n    'configurable': true,\n    'enumerable': true,\n    'value': value,\n    'writable':
 true\n  });\n } else {\n  object[key] = value;\n }\n}\n\nexport default baseAssignValue;","/**\n * Removes all
 key-value entries from the list cache.\n *\n * @private\n * @name clear\n * @memberOf ListCache\n */\nfunction
 listCacheClear() {\n  this.__data__ = [];\n  this.size = 0;\n}\n\nexport default listCacheClear;","import eq from
 './eq.js';\n/**\n * Gets the index at which the `key` is found in `array` of key-value pairs.\n *\n * @private\n *
 @param {Array} array The array to inspect.\n * @param {*} key The key to search for.\n * @returns {number}
 Returns the index of the matched value, else `-1`.\n */\nfunction assocIndexOf(array, key) {\n  var length =
 array.length;\n\n  while (length--) {\n    if (eq(array[length][0], key)) {\n      return length;\n    }\n  }\n\n  return
 -1;\n}\n\nexport default assocIndexOf;","import assocIndexOf from './_assocIndexOf.js';\n/**\n * Used for built-in
 method references. *\n\nvar arrayProto = Array.prototype;\n/**\n * Built-in value references. *\n\nvar splice =
 arrayProto.splice;\n/**\n * Removes `key` and its value from the list cache.\n *\n * @private\n * @name delete\n *
 @memberOf ListCache\n * @param {string} key The key of the value to remove.\n * @returns {boolean} Returns
 `true` if the entry was removed, else `false`.\n */\nfunction listCacheDelete(key) {\n  var data = this.__data__,\n
  index = assocIndexOf(data, key);\n\n  if (index < 0) {\n    return false;\n  }\n\n  var lastIndex = data.length - 1;\n  if
 (index == lastIndex) {\n    data.pop();\n  } else {\n    splice.call(data, index, 1);\n  }\n\n  --this.size;\n  return
 true;\n}\n\nexport default listCacheDelete;","import assocIndexOf from './_assocIndexOf.js';\n/**\n * Gets the list
 cache value for `key`.\n *\n * @private\n * @name get\n * @memberOf ListCache\n * @param {string} key The
 key of the value to get.\n * @returns {*} Returns the entry value.\n */\nfunction listCacheGet(key) {\n  var data =
 this.__data__,\n  index = assocIndexOf(data, key);\n  return index < 0 ? undefined : data[index][1];\n}\n\nexport
 default listCacheGet;","import assocIndexOf from './_assocIndexOf.js';\n/**\n * Checks if a list cache value for
 `key` exists.\n *\n * @private\n * @name has\n * @memberOf ListCache\n * @param {string} key The key of the
 entry to check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n */\nfunction
 listCacheHas(key) {\n  return assocIndexOf(this.__data__, key) > -1;\n}\n\nexport default listCacheHas;","import
 assocIndexOf from './_assocIndexOf.js';\n/**\n * Sets the list cache `key` to `value`.\n *\n * @private\n * @name
 set\n * @memberOf ListCache\n * @param {string} key The key of the value to set.\n * @param {*} value The
 value to set.\n * @returns {Object} Returns the list cache instance.\n */\nfunction listCacheSet(key, value) {\n
  var data = this.__data__,\n  index = assocIndexOf(data, key);\n\n  if (index < 0) {\n    ++this.size;\n    data.push([key,
 value]);\n  } else {\n    data[index][1] = value;\n  }\n\n  return this;\n}\n\nexport default listCacheSet;","import
 listCacheClear from './_listCacheClear.js';\nimport listCacheDelete from './_listCacheDelete.js';\nimport
 listCacheGet from './_listCacheGet.js';\nimport listCacheHas from './_listCacheHas.js';\nimport listCacheSet from
 './_listCacheSet.js';\n/**\n * Creates an list cache object.\n *\n * @private\n * @constructor\n * @param {Array}
 [entries] The key-value pairs to cache.\n */\nfunction ListCache(entries) {\n  var index = -1,\n  length = entries
 == null ? 0 : entries.length;\n  this.clear();\n\n  while (++index < length) {\n    var entry = entries[index];\n
    this.set(entry[0], entry[1]);\n  }\n  // Add methods to `ListCache`.\n\n  ListCache.prototype.clear =
 listCacheClear;\n  ListCache.prototype['delete'] = listCacheDelete;\n  ListCache.prototype.get =
 listCacheGet;\n  ListCache.prototype.has = listCacheHas;\n  ListCache.prototype.set = listCacheSet;\n\n  export default

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ListCache;"import getNative from './_getNative.js';\nimport root from './_root.js';\n/* Built-in method references
that are verified to be native. */\n\nvar Map = getNative(root, 'Map');\nexport default Map;"import ListCache from
'./_ListCache.js';\n/**\n * Removes all key-value entries from the stack.\n *\n * @private\n * @name clear\n *
@memberOf Stack\n */\n\nfunction stackClear() {\n  this.__data__ = new ListCache();\n  this.size = 0;\n}\n\nexport
default stackClear;"/**\n * Removes `key` and its value from the stack.\n *\n * @private\n * @name delete\n *
@memberOf Stack\n * @param {string} key The key of the value to remove.\n * @returns {boolean} Returns `true`
if the entry was removed, else `false`.\n */\n\nfunction stackDelete(key) {\n  var data = this.__data__,\n      result =
data['delete'](key);\n  this.size = data.size;\n  return result;\n}\n\nexport default stackDelete;"/**\n * Gets the stack
value for `key`.\n *\n * @private\n * @name get\n * @memberOf Stack\n * @param {string} key The key of the
value to get.\n * @returns {*} Returns the entry value.\n */\n\nfunction stackGet(key) {\n  return
this.__data__.get(key);\n}\n\nexport default stackGet;"/**\n * Checks if a stack value for `key` exists.\n *\n *
@private\n * @name has\n * @memberOf Stack\n * @param {string} key The key of the entry to check.\n *
@returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n */\n\nfunction stackHas(key) {\n
return this.__data__.has(key);\n}\n\nexport default stackHas;"import ListCache from './_ListCache.js';\nimport Map from
'./_Map.js';\nimport MapCache from './_MapCache.js';\n/** Used as the size to enable large array optimizations.
*/\n\nvar LARGE_ARRAY_SIZE = 200;\n/**\n * Sets the stack `key` to `value`.\n *\n * @private\n * @name set\n *
@memberOf Stack\n * @param {string} key The key of the value to set.\n * @param {*} value The value to
set.\n * @returns {Object} Returns the stack cache instance.\n */\n\nfunction stackSet(key, value) {\n  var data =
this.__data__;\n\n  if (data instanceof ListCache) {\n    var pairs = data.__data__;\n\n    if (!Map || pairs.length <
LARGE_ARRAY_SIZE - 1) {\n      pairs.push([key, value]);\n      this.size = ++data.size;\n      return this;\n    }\n\n    data = this.__data__ = new MapCache(pairs);\n  }\n\n  data.set(key, value);\n  this.size = data.size;\n  return
this;\n}\n\nexport default stackSet;"import ListCache from './_ListCache.js';\nimport stackClear from
'./_stackClear.js';\nimport stackDelete from './_stackDelete.js';\nimport stackGet from './_stackGet.js';\nimport
stackHas from './_stackHas.js';\nimport stackSet from './_stackSet.js';\n/**\n * Creates a stack cache object to store
key-value pairs.\n *\n * @private\n * @constructor\n * @param {Array} [entries] The key-value pairs to cache.\n
*/\n\nfunction Stack(entries) {\n  var data = this.__data__ = new ListCache(entries);\n  this.size = data.size;\n} //
Add methods to `Stack`.\n\nStack.prototype.clear = stackClear;\nStack.prototype['delete'] =
stackDelete;\nStack.prototype.get = stackGet;\nStack.prototype.has = stackHas;\nStack.prototype.set =
stackSet;\nexport default Stack;"var formatName = function formatName(_ref, name) {\n  var sectionPrefix =
_ref._reduxForm.sectionPrefix;\n  return sectionPrefix ? sectionPrefix + '.' + name : name;\n};\n\nexport default
formatName;"var isObject = require('./_is-object');\n\nmodule.exports = function (it) {\n  if (!isObject(it)) throw
TypeError(it + ' is not an object!');\n  return it;\n};\n\n// Thank's IE8 for his funny defineProperty\nmodule.exports =
!require('./_fails')(function () {\n  return Object.defineProperty({}, 'a', {\n    get: function get() {\n      return 7;\n
    }\n  }).a != 7;\n});\n\nvar hasOwnProperty = {}.hasOwnProperty;\n\nmodule.exports = function (it, key) {\n  return
hasOwnProperty.call(it, key);\n};\n\n"use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\n\nexports.default = undefined;\n\nvar _IconButton = require('./IconButton');\n\nvar _IconButton2 =
_interopRequireDefault(_IconButton);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule
? obj : {\n    default: obj\n  };}\n\nexports.default = _IconButton2.default;"use strict";\n\nexports.__esModule =
true;\n\nvar _shallowEqual = require('fbjs/lib/shallowEqual');\n\nvar _shallowEqual2 =
_interopRequireDefault(_shallowEqual);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };}\n\nexports.default = _shallowEqual2.default;"use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nexports.default = {\n  set: function
set(style, key, value) {\n    style[key] = value;\n  }\n};\n\n"use strict";\n\nObject.defineProperty(exports,
"__esModule", {\n  value: true\n});\n\nexports.default = undefined;\n\nvar _TextField = require('./TextField');\n\nvar
_TextField2 = _interopRequireDefault(_TextField);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };}\n\nexports.default = _TextField2.default;"var baseIsNative =
require('./_baseIsNative');\n\ngetValue = require('./_getValue');\n/**\n * Gets the native function at `key` of
`object`.\n *\n * @private\n * @param {Object} object The object to query.\n * @param {string} key The key of

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the method to get.\n * @returns {*} Returns the function if it's native, else `undefined`.\n */\n\nfunction
getNative(object, key) {\n  var value = getValue(object, key);\n  return baseIsNative(value) ? value :
undefined;\n}\n\nmodule.exports = getNative;"},"/** Used as references for various `Number` constants. */\nvar
MAX_SAFE_INTEGER = 9007199254740991;\n/** Used to detect unsigned integer values. */\nvar reIsUint =
/^(?:0|[1-9]\\d*)$/;\n/**\n * Checks if `value` is a valid array-like index.\n *\n * @private\n * @param {*} value
The value to check.\n * @param {number} [length=MAX_SAFE_INTEGER] The upper bounds of a valid index.\n
* @returns {boolean} Returns `true` if `value` is a valid index, else `false`.\n */\n\nfunction isIndex(value, length)
{\n  var type = typeof value;\n  length = length == null ? MAX_SAFE_INTEGER : length;\n  return !!length &&
(type == 'number' || type != 'symbol' && reIsUint.test(value)) && value > -1 && value % 1 == 0 && value <
length;\n}\n\nmodule.exports = isIndex;"},"var baseGetTag = require('./_baseGetTag'),\n  isObjectLike =
require('./isObjectLike');\n/** `Object#toString` result references. */\n\nvar symbolTag = '[object Symbol]';\n/**\n * Checks if `value` is classified as a `Symbol` primitive or object.\n *\n * @static\n * @memberOf _\n * @since
4.0.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if
`value` is a symbol, else `false`.\n * @example\n *\n * _isSymbol(Symbol.iterator);\n * // => true\n *\n *
_isSymbol('abc');\n * // => false\n */\n\nfunction isSymbol(value) {\n  return typeof value == 'symbol' ||
isObjectLike(value) && baseGetTag(value) == symbolTag;\n}\n\nmodule.exports = isSymbol;"},"var SetCache =
require('./_SetCache'),\n  arrayIncludes = require('./_arrayIncludes'),\n  arrayIncludesWith =
require('./_arrayIncludesWith'),\n  cacheHas = require('./_cacheHas'),\n  createSet = require('./_createSet'),\n
setToArray = require('./_setToArray');\n/** Used as the size to enable large array optimizations. */\n\nvar
LARGE_ARRAY_SIZE = 200;\n/**\n * The base implementation of `_uniqBy` without support for iteratee
shorthands.\n *\n * @private\n * @param {Array} array The array to inspect.\n * @param {Function} [iteratee] The
iteratee invoked per element.\n * @param {Function} [comparator] The comparator invoked per element.\n *
@returns {Array} Returns the new duplicate free array.\n */\n\nfunction baseUniq(array, iteratee, comparator) {\n
  var index = -1,\n      includes = arrayIncludes,\n      length = array.length,\n      isCommon = true,\n      result = [],\n
      seen = result;\n\n  if (comparator) {\n    isCommon = false;\n    includes = arrayIncludesWith;\n  } else if (length >=
LARGE_ARRAY_SIZE) {\n    var set = iteratee ? null : createSet(array);\n\n    if (set) {\n      return
setToArray(set);\n    }\n\n    isCommon = false;\n    includes = cacheHas;\n    seen = new SetCache();\n  } else {\n
seen = iteratee ? [] : result;\n  }\n\n  outer: while (++index < length) {\n    var value = array[index],\n        computed
= iteratee ? iteratee(value) : value;\n    value = comparator || value !== 0 ? value : 0;\n\n    if (isCommon &&
computed === computed) {\n      var seenIndex = seen.length;\n\n      while (seenIndex--) {\n        if
(seen[seenIndex] === computed) {\n          continue outer;\n        }\n      }\n\n      if (iteratee) {\n
seen.push(computed);\n      }\n\n      result.push(value);\n    } else if (!includes(seen, computed, comparator)) {\n
if (seen !== result) {\n      seen.push(computed);\n    }\n\n    result.push(value);\n  }\n}\n\nreturn
result;\n}\n\nmodule.exports = baseUniq;"},"import root from './_root.js';\nimport stubFalse from './stubFalse.js';\n/**
Detect free variable `exports`.\n */\n\nvar freeExports = typeof exports == 'object' && exports && !exports.nodeType
&& exports;\n/** Detect free variable `module`.\n */\n\nvar freeModule = freeExports && typeof module == 'object'
&& module && !module.nodeType && module;\n/** Detect the popular CommonJS extension `module.exports`.\n
*/\n\nvar moduleExports = freeModule && freeModule.exports === freeExports;\n/** Built-in value references.
*/\n\nvar Buffer = moduleExports ? root.Buffer : undefined;\n/** Built-in method references for those with the same
name as other `lodash` methods. */\n\nvar nativeIsBuffer = Buffer ? Buffer.isBuffer : undefined;\n/**\n * Checks if
`value` is a buffer.\n *\n * @static\n * @memberOf _\n * @since 4.3.0\n * @category Lang\n * @param {*} value
The value to check.\n * @returns {boolean} Returns `true` if `value` is a buffer, else `false`.\n * @example\n *\n *
_isBuffer(new Buffer(2));\n * // => true\n *\n * _isBuffer(new Uint8Array(2));\n * // => false\n */\n\nvar isBuffer
= nativeIsBuffer || stubFalse;\n\nexport default isBuffer;"},"import getNative from './_getNative.js';\n/** Built-in method
references that are verified to be native. */\n\nvar nativeCreate = getNative(Object, 'create');\n\nexport default
nativeCreate;"},"import nativeCreate from './_nativeCreate.js';\n/**\n * Removes all key-value entries from the
hash.\n *\n * @private\n * @name clear\n * @memberOf Hash\n */\n\nfunction hashClear() {\n  this.__data__ =
nativeCreate ? nativeCreate(null) : {};\n  this.size = 0;\n}\n\nexport default hashClear;"},"/**\n * Removes `key` and

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its value from the hash.\n * \n * @private\n * @name delete\n * @memberOf Hash\n * @param {Object} hash The
hash to modify.\n * @param {string} key The key of the value to remove.\n * @returns {boolean} Returns `true` if
the entry was removed, else `false`.\n * \nfunction hashDelete(key) {\n  var result = this.has(key) && delete
this.__data__[key];\n  this.size -= result ? 1 : 0;\n  return result;\n}\n\nexport default hashDelete;","import
nativeCreate from './_nativeCreate.js';\n/** Used to stand-in for `undefined` hash values. *\n\nvar
HASH_UNDEFINED = '__lodash_hash_undefined__';\n/** Used for built-in method references. *\n\nvar
objectProto = Object.prototype;\n/** Used to check objects for own properties. *\n\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n/**\n * Gets the hash value for `key`.\n * \n * @private\n * @name get\n *
@memberOf Hash\n * @param {string} key The key of the value to get.\n * @returns {*} Returns the entry
value.\n * \nfunction hashGet(key) {\n  var data = this.__data__;\n  if (nativeCreate) {\n    var result =
data[key];\n    return result === HASH_UNDEFINED ? undefined : result;\n  }\n  return
hasOwnProperty.call(data, key) ? data[key] : undefined;\n}\n\nexport default hashGet;","import nativeCreate from
 './_nativeCreate.js';\n/** Used for built-in method references. *\n\nvar objectProto = Object.prototype;\n/** Used to
check objects for own properties. *\n\nvar hasOwnProperty = objectProto.hasOwnProperty;\n/**\n * Checks if a
hash value for `key` exists.\n * \n * @private\n * @name has\n * @memberOf Hash\n * @param {string} key The
key of the entry to check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n
*\nfunction hashHas(key) {\n  var data = this.__data__;\n  return nativeCreate ? data[key] !== undefined :
hasOwnProperty.call(data, key);\n}\n\nexport default hashHas;","import nativeCreate from './_nativeCreate.js';\n/**
Used to stand-in for `undefined` hash values. *\n\nvar HASH_UNDEFINED =
 '__lodash_hash_undefined__';\n/**\n * Sets the hash `key` to `value`.\n * \n * @private\n * @name set\n *
@memberOf Hash\n * @param {string} key The key of the value to set.\n * @param {*} value The value to set.\n *
@returns {Object} Returns the hash instance.\n * \nfunction hashSet(key, value) {\n  var data = this.__data__;\n
  this.size += this.has(key) ? 0 : 1;\n  data[key] = nativeCreate && value === undefined ? HASH_UNDEFINED :
value;\n  return this;\n}\n\nexport default hashSet;","import hashClear from './_hashClear.js';\nimport hashDelete
from './_hashDelete.js';\nimport hashGet from './_hashGet.js';\nimport hashHas from './_hashHas.js';\nimport
hashSet from './_hashSet.js';\n/**\n * Creates a hash object.\n * \n * @private\n * @constructor\n * @param {Array}
[entries] The key-value pairs to cache.\n * \nfunction Hash(entries) {\n  var index = -1,\n      length = entries ==
null ? 0 : entries.length;\n  this.clear();\n  while (++index < length) {\n    var entry = entries[index];\n
    this.set(entry[0], entry[1]);\n  }\n  // Add methods to `Hash`.\n  Hash.prototype.clear =
hashClear;\n  Hash.prototype['delete'] = hashDelete;\n  Hash.prototype.get = hashGet;\n  Hash.prototype.has =
hashHas;\n  Hash.prototype.set = hashSet;\n  export default Hash;","import Hash from './_Hash.js';\nimport ListCache
from './_ListCache.js';\nimport Map from './_Map.js';\n/**\n * Removes all key-value entries from the map.\n * \n *
@private\n * @name clear\n * @memberOf MapCache\n * \nfunction mapCacheClear() {\n  this.size = 0;\n  this.__data__ =
{\n    'hash': new Hash(),\n    'map': new (Map || ListCache)(),\n    'string': new Hash()\n  };\n}\n\nexport default
mapCacheClear;","/**\n * Checks if `value` is suitable for use as unique object key.\n * \n * @private\n * @param {*}
value The value to check.\n * @returns {boolean} Returns `true` if `value` is suitable,
else `false`.\n * \nfunction isKeyable(value) {\n  var type = typeof value;\n  return type == 'string' || type ==
'number' || type == 'symbol' || type == 'boolean' ? value !== '__proto__' : value === null;\n}\n\nexport default
isKeyable;","import isKeyable from './_isKeyable.js';\n/**\n * Gets the data for `map`.\n * \n * @private\n *
@param {Object} map The map to query.\n * @param {string} key The reference key.\n * @returns {*} Returns
the map data.\n * \nfunction getMapData(map, key) {\n  var data = map.__data__;\n  return isKeyable(key) ?
data[typeof key == 'string' ? 'string' : 'hash'] : data.map;\n}\n\nexport default getMapData;","import getMapData
from './_getMapData.js';\n/**\n * Removes `key` and its value from the map.\n * \n * @private\n * @name delete\n
 * @memberOf MapCache\n * @param {string} key The key of the value to remove.\n * @returns {boolean}
Returns `true` if the entry was removed, else `false`.\n * \nfunction mapCacheDelete(key) {\n  var result =
getMapData(this, key)['delete'](key);\n  this.size -= result ? 1 : 0;\n  return result;\n}\n\nexport default
mapCacheDelete;","import getMapData from './_getMapData.js';\n/**\n * Gets the map value for `key`.\n * \n *
@private\n * @name get\n * @memberOf MapCache\n * @param {string} key The key of the value to get.\n *

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@returns {*} Returns the entry value.\n */\n\nfunction mapCacheGet(key) {\n  return getMapData(this,\n  key).get(key);\n}\n\nexport default mapCacheGet;","import getMapData from './_getMapData.js';\n/**\n * Checks if\n  a map value for `key` exists.\n */\n * @private\n * @name has\n * @memberOf MapCache\n * @param {string}\n  key The key of the entry to check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n */\n\nfunction mapCacheHas(key) {\n  return getMapData(this, key).has(key);\n}\n\nexport default\n  mapCacheHas;","import getMapData from './_getMapData.js';\n/**\n * Sets the map `key` to `value`.\n */\n * @private\n * @name set\n * @memberOf MapCache\n * @param {string} key The key of the value to set.\n * @param {*} value The value to set.\n * @returns {Object} Returns the map cache instance.\n */\n\nfunction\n  mapCacheSet(key, value) {\n  var data = getMapData(this, key),\n      size = data.size;\n  data.set(key, value);\n  this.size += data.size == size ? 0 : 1;\n  return this;\n}\n\nexport default mapCacheSet;","import mapCacheClear\n  from './_mapCacheClear.js';\nimport mapCacheDelete from './_mapCacheDelete.js';\nimport mapCacheGet from\n  './_mapCacheGet.js';\nimport mapCacheHas from './_mapCacheHas.js';\nimport mapCacheSet from\n  './_mapCacheSet.js';\n/**\n * Creates a map cache object to store key-value pairs.\n */\n * @private\n * @constructor\n * @param {Array} [entries] The key-value pairs to cache.\n */\n\nfunction MapCache(entries) {\n  var index = -1,\n      length = entries == null ? 0 : entries.length;\n  this.clear();\n\n  while (++index < length) {\n    var entry = entries[index];\n    this.set(entry[0], entry[1]);\n  }\n}\n\n// Add methods to\n`MapCache`\n\nMapCache.prototype.clear = mapCacheClear;\nMapCache.prototype['delete'] =\n  mapCacheDelete;\nMapCache.prototype.get = mapCacheGet;\nMapCache.prototype.has =\n  mapCacheHas;\nMapCache.prototype.set = mapCacheSet;\nexport default MapCache;","import baseGetTag from\n  './_baseGetTag.js';\nimport isObjectLike from './isObjectLike.js';\n/** `Object#toString` result references. */\n\nvar\n  argsTag = '[object Arguments]';\n/**\n * The base implementation of `_.isArguments`.\n */\n * @private\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is an `arguments` object,\n */\n\nfunction baseIsArguments(value) {\n  return isObjectLike(value) && baseGetTag(value) ==\n  argsTag;\n}\n\nexport default baseIsArguments;","import baseIsArguments from './_baseIsArguments.js';\nimport\n  isObjectLike from './isObjectLike.js';\n/** Used for built-in method references. */\n\nvar\n  objectProto =\n  Object.prototype;\n/** Used to check objects for own properties. */\n\nvar\n  hasOwnProperty =\n  objectProto.hasOwnProperty;\n/** Built-in value references. */\n\nvar\n  propertyIsEnumerable =\n  objectProto.propertyIsEnumerable;\n/**\n * Checks if `value` is likely an `arguments` object.\n */\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns\n  {boolean} Returns `true` if `value` is an `arguments` object, else `false`.\n * @example\n */\n\n_.isArguments(function() { return arguments; }());\n// => true\n_.isArguments([1, 2, 3]);\n// => false\n\n/**\n *\n */\n\nvar\n  isArguments = baseIsArguments(function () {\n    return arguments;\n  }) ? baseIsArguments : function\n  (value) {\n    return isObjectLike(value) && hasOwnProperty.call(value, 'callee') &&\n    !propertyIsEnumerable.call(value, 'callee');\n  };\n\nexport default isArguments;","var\n  dp = require('./_object-\ndp');\nvar\n  createDesc = require('./_property-desc');\n\nmodule.exports = require('./_descriptors') ? function (object,\n  key, value) {\n  return dp.f(object, key, createDesc(1, value));\n} : function (object, key, value) {\n  object[key] =\n  value;\n  return object;\n};","module.exports = function (it) {\n  return typeof it === 'object' ? it !== null : typeof it\n  === 'function';\n};","module.exports = function (exec) {\n  try {\n    return !exec();\n  } catch (e) {\n    return true;\n  }\n};","// to indexed object, toObject with fallback for non-array-like ES3 strings\n\nvar\n  IObject =\n  require('./_iobject');\n\nvar\n  defined = require('./_defined');\n\nmodule.exports = function (it) {\n  return\n  IObject(defined(it));\n};","module.exports = { }","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar\n  _extends2 = require('babel-runtime/helpers/extends');\nvar\n  _extends3 =\n  _interopRequireDefault(_extends2);\nvar\n  _objectWithoutProperties2 = require('babel-\nruntime/helpers/objectWithoutProperties');\nvar\n  _objectWithoutProperties3 =\n  _interopRequireDefault(_objectWithoutProperties2);\nvar\n  _getPrototypeOf = require('babel-runtime/core-\n  js/object/get-prototype-of');\nvar\n  _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\nvar\n  _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\nvar\n  _classCallCheck3 =\n  _interopRequireDefault(_classCallCheck2);\nvar\n  _createClass2 = require('babel-
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runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _ReactDOM = require('react-
dom');\n\nvar _ReactDOM2 = _interopRequireDefault(_ReactDOM);\n\nvar _ReactDOMEventListener = require('react-
event-listener');\n\nvar _ReactDOMEventListener2 = _interopRequireDefault(_ReactDOMEventListener);\n\nvar
_RenderToLayer = require('../internal/RenderToLayer');\n\nvar _RenderToLayer2 =
_interopRequireDefault(_RenderToLayer);\n\nvar _propTypes3 = require('../utils/propTypes');\n\nvar _propTypes4
= _interopRequireDefault(_propTypes3);\n\nvar _Paper = require('../Paper');\n\nvar _Paper2 =
_interopRequireDefault(_Paper);\n\nvar _lodash = require('lodash.throttle');\n\nvar _lodash2 =
_interopRequireDefault(_lodash);\n\nvar _PopoverAnimationDefault =
require('../PopoverAnimationDefault');\n\nvar _PopoverAnimationDefault2 =
_interopRequireDefault(_PopoverAnimationDefault);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar styles = {\n  root: {\n    display: 'none'\n  }\n};\n\nvar
Popover = function (_Component) {\n  (0, _inherits3.default)(Popover, _Component);\n\n  function Popover(props,
context) {\n    (0, _classCallCheck3.default)(this, Popover);\n\n    var _this = (0,
_possibleConstructorReturn3.default)(this, (_getPrototypeOf2.default)(Popover)).call(this,
props, context);\n\n    _this.timeout = null;\n\n    _this.renderLayer = function () {\n      var _this$props =
_this.props,\n        animated = _this$props.animated,\n        animation = _this$props.animation,\n        anchorEl =
_this$props.anchorEl,\n        anchorOrigin = _this$props.anchorOrigin,\n        autoCloseWhenOffScreen =
_this$props.autoCloseWhenOffScreen,\n        canAutoPosition = _this$props.canAutoPosition,\n        children =
_this$props.children,\n        onRequestClose = _this$props.onRequestClose,\n        style = _this$props.style,\n        targetOrigin = _this$props.targetOrigin,\n        useLayerForClickAway = _this$props.useLayerForClickAway,\n        scrollableContainer = _this$props.scrollableContainer,\n        other = (0,
_objectWithoutProperties3.default)(_this$props, ['animated', 'animation', 'anchorEl', 'anchorOrigin',
'autoCloseWhenOffScreen', 'canAutoPosition', 'children', 'onRequestClose', 'style', 'targetOrigin',
'useLayerForClickAway', 'scrollableContainer']);\n      var styleRoot = style;\n\n      if (!animated) {\n        styleRoot
= {\n          position: 'fixed',\n          zIndex: _this.context.muiTheme.zIndex.popover\n        };\n\n        if
(!_this.state.open) {\n          return null;\n        }\n\n        return _react2.default.createElement(_Paper2.default, (0,
_extends3.default)({\n          style: (0, _simpleAssign2.default)(styleRoot, style)\n        }, other), children);\n      }\n\n      var Animation = animation || _PopoverAnimationDefault2.default;\n      return
_react2.default.createElement(Animation, (0, _extends3.default)({\n        targetOrigin: targetOrigin,\n        style:
styleRoot\n      }, other, {\n        open: _this.state.open && !_this.state.closing\n      }), children);\n    };\n\n    _this.componentClickAway = function () {\n      _this.requestClose('clickAway');\n    };\n\n    _this.setPlacement =
function (scrolling) {\n      if (!_this.state.open) {\n        return;\n      }\n\n      if (!_this.popoverRefs.layer.getLayer())
{\n        return;\n      }\n\n      var targetEl = _this.popoverRefs.layer.getLayer().children[0];\n\n      if (!targetEl) {\n
        return;\n      }\n\n      var _this$props2 = _this.props,\n        targetOrigin = _this$props2.targetOrigin,\n
        anchorOrigin = _this$props2.anchorOrigin;\n      var anchorEl = _this.props.anchorEl || _this.anchorEl;\n\n      var
anchor = _this.getAnchorPosition(anchorEl);\n      var target = _this.getTargetPosition(targetEl);\n      var
targetPosition = {\n        top: anchor[anchorOrigin.vertical] - target[targetOrigin.vertical],\n        left:
anchor[anchorOrigin.horizontal] - target[targetOrigin.horizontal]\n      };\n\n      if (scrolling &&
_this.props.autoCloseWhenOffScreen) {\n        _this.autoCloseWhenOffScreen(anchor);\n      }\n\n      if
(!_this.props.canAutoPosition) {\n        target = _this.getTargetPosition(targetEl); // update as height may have
changed\n\n        targetPosition = _this.applyAutoPositionIfNeeded(anchor, target, targetOrigin, anchorOrigin,
targetPosition);\n      }\n\n      targetEl.style.top = targetPosition.top + 'px';\n      targetEl.style.left =

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targetPosition.left + 'px';\n    targetEl.style.maxHeight = window.innerHeight + 'px';\n    });\n\n    _this.handleResize = (0, _lodash2.default)(_this.setPlacement, 100);\n    _this.handleScroll = (0, _lodash2.default)(_this.setPlacement.bind(_this, true), 50);\n    _this.popoverRefs = {};\n    _this.state = {\n    open: props.open,\n    closing: false\n    };\n    return _this;\n    }\n\n    (0, _createClass3.default)(Popover, [{\n    key: 'componentDidMount',\n    value: function componentDidMount() {\n    this.placementTimeout = setTimeout(this.setPlacement);\n    }\n    }, {\n    key: 'componentWillReceiveProps',\n    value: function componentWillReceiveProps(nextProps) {\n    var _this2 = this;\n\n    if (nextProps.open === this.props.open) {\n    return;\n    }\n\n    if (nextProps.open) {\n    clearTimeout(this.timeout);\n    this.timeout = null;\n\n    this.anchorEl = nextProps.anchorEl || this.props.anchorEl;\n    this.setState({\n    open: true,\n    closing: false\n    });\n    } else {\n    if (nextProps.animated) {\n    if (this.timeout !== null) return;\n\n    this.setState({\n    closing: true\n    });\n    this.timeout = setTimeout(function () {\n    _this2.setState({\n    open: false\n    }, function () {\n    _this2.timeout = null;\n    });\n    }, 500);\n    } else {\n    this.setState({\n    open: false\n    });\n    }\n    }\n    }, {\n    key: 'componentDidUpdate',\n    value: function componentDidUpdate() {\n    clearTimeout(this.placementTimeout);\n    this.placementTimeout = setTimeout(this.setPlacement);\n    }\n    }, {\n    key: 'componentWillUnmount',\n    value: function componentWillUnmount() {\n    this.handleResize.cancel();\n    this.handleScroll.cancel();\n\n    if (this.placementTimeout) {\n    clearTimeout(this.placementTimeout);\n    this.placementTimeout = null;\n    }\n\n    if (this.timeout) {\n    clearTimeout(this.timeout);\n    this.timeout = null;\n    }\n    }\n    }, {\n    key: 'requestClose',\n    value: function requestClose(reason) {\n    if (this.props.onRequestClose) {\n    this.props.onRequestClose(reason);\n    }\n    }\n    }, {\n    key: 'getAnchorPosition',\n    value: function getAnchorPosition(el) {\n    if (!el) {\n    el = _reactDom2.default.findDOMNode(this);\n    }\n\n    var rect = el.getBoundingClientRect();\n    var a = {\n    top: rect.top,\n    left: rect.left,\n    width: el.offsetWidth,\n    height: el.offsetHeight\n    };\n    a.right = rect.right || a.left + a.width;\n    a.bottom = rect.bottom || a.top + a.height;\n    a.middle = a.left + (a.right - a.left) / 2;\n    a.center = a.top + (a.bottom - a.top) / 2;\n    return a;\n    }\n    }, {\n    key: 'getTargetPosition',\n    value: function getTargetPosition(targetEl) {\n    return {\n    top: 0,\n    center: targetEl.offsetHeight / 2,\n    bottom: targetEl.offsetHeight,\n    left: 0,\n    middle: targetEl.offsetWidth / 2,\n    right: targetEl.offsetWidth\n    };\n    }\n    }, {\n    key: 'autoCloseWhenOffScreen',\n    value: function autoCloseWhenOffScreen(anchorPosition) {\n    if (anchorPosition.top < 0 || anchorPosition.top > window.innerHeight || anchorPosition.left < 0 || anchorPosition.left > window.innerWidth) {\n    this.requestClose('offScreen');\n    }\n    }\n    }, {\n    key: 'getOverlapMode',\n    value: function getOverlapMode(anchor, target, median) {\n    if ([anchor, target].indexOf(median) >= 0) return 'auto';\n    if (anchor === target) return 'inclusive';\n    return 'exclusive';\n    }\n    }, {\n    key: 'getPositions',\n    value: function getPositions(anchor, target) {\n    var a = (0, _extends3.default)({}, anchor);\n    var t = (0, _extends3.default)({}, target);\n    var positions = {\n    x: ['left', 'right'].filter(function (p) {\n    return p !== t.horizontal;\n    }),\n    y: ['top', 'bottom'].filter(function (p) {\n    return p !== t.vertical;\n    })\n    };\n    var overlap = {\n    x: this.getOverlapMode(a.horizontal, t.horizontal, 'middle'),\n    y: this.getOverlapMode(a.vertical, t.vertical, 'center')\n    };\n    positions.x.splice(overlap.x === 'auto' ? 0 : 1, 0, 'middle');\n    positions.y.splice(overlap.y === 'auto' ? 0 : 1, 0, 'center');\n\n    if (overlap.y !== 'auto') {\n    a.vertical = a.vertical === 'top' ? 'bottom' : 'top';\n\n    if (overlap.y === 'inclusive') {\n    t.vertical = t.vertical;\n    }\n    }\n\n    if (overlap.x !== 'auto') {\n    a.horizontal = a.horizontal === 'left' ? 'right' : 'left';\n\n    if (overlap.y === 'inclusive') {\n    t.horizontal = t.horizontal;\n    }\n    }\n\n    return {\n    positions: positions,\n    anchorPos: a\n    };\n    }\n    }, {\n    key: 'applyAutoPositionIfNeeded',\n    value: function applyAutoPositionIfNeeded(anchor, target, targetOrigin, anchorOrigin, targetPosition) {\n    var _getPosition = this.getPositions(anchorOrigin, targetOrigin),\n    positions = _getPosition.positions,\n    anchorPos = _getPosition.anchorPos;\n\n    if (targetPosition.top < 0 || targetPosition.top + target.bottom > window.innerHeight) {\n    var newTop = anchor[anchorPos.vertical] - target[positions.y[0]];\n    if (newTop + target.bottom <= window.innerHeight) {\n    targetPosition.top = Math.max(0, newTop);\n    } else {\n    newTop = anchor[anchorPos.vertical] - target[positions.y[1]];\n    if (newTop + target.bottom <= window.innerHeight) {\n    targetPosition.top =

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Math.max(0, newTop);\n      }\n      }\n      }\n      if (targetPosition.left < 0 || targetPosition.left + target.right >
window.innerWidth) {\n        var newLeft = anchor[anchorPos.horizontal] - target[positions.x[0]];\n        if
(newLeft + target.right <= window.innerWidth) {\n          targetPosition.left = Math.max(0, newLeft);\n        } else
{\n          newLeft = anchor[anchorPos.horizontal] - target[positions.x[1]];\n          if (newLeft + target.right <=
window.innerWidth) {\n            targetPosition.left = Math.max(0, newLeft);\n          }\n        }\n      }\n      return
targetPosition;\n    }\n  }, {\n    key: 'render',\n    value: function render() {\n      var _this3 = this;\n      var
eventListener = this.state.open ? _react2.default.createElement(_reactEventListener2.default, {\n        target:
this.props.scrollableContainer,\n        onScroll: this.handleScroll,\n        onResize: this.handleResize\n      }) : null;\n      return
_react2.default.createElement('div', {\n        style: styles.root\n      }, eventListener,
_react2.default.createElement(_RenderToLayer2.default, {\n        ref: function ref(_ref) {\n          return
_this3.popoverRefs.layer = _ref;\n        },\n        open: this.state.open,\n        componentClickAway:
this.componentClickAway,\n        useLayerForClickAway: this.props.useLayerForClickAway,\n        render:
this.renderLayer\n      }));\n    }\n  });\n  return Popover;\n})(_react.Component);\n\nPopover.defaultProps = {\n  anchorOrigin: {\n    vertical: 'bottom',\n    horizontal: 'left'\n  },\n  animated: true,\n  autoCloseWhenOffScreen:
true,\n  canAutoPosition: true,\n  onRequestClose: function onRequestClose() {},\n  open: false,\n  scrollableContainer: 'window',\n  style: {\n    overflowY: 'auto'\n  },\n  targetOrigin: {\n    vertical: 'top',\n    horizontal: 'left'\n  },\n  useLayerForClickAway: true,\n  zIndex: 1\n};\n\nPopover.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nPopover.propTypes = process.env.NODE_ENV !== "production" ?
{\n  /**\n   * This is the DOM element that will be used to set the position of the\n   * popover.\n   */\n  anchorEl:
_propTypes2.default.object,\n  /**\n   * This is the point on the anchor where the popover's\n   * `targetOrigin`\n   will attach to.\n   * Options:\n   * vertical: [top, center, bottom]\n   * horizontal: [left, middle, right].\n   */\n  anchorOrigin: _propTypes4.default.origin,\n  /**\n   * If true, the popover will apply transitions when\n   * it is
added to the DOM.\n   */\n  animated: _propTypes2.default.bool,\n  /**\n   * Override the default animation
component used.\n   */\n  animation: _propTypes2.default.func,\n  /**\n   * If true, the popover will hide when the
anchor is scrolled off the screen.\n   */\n  autoCloseWhenOffScreen: _propTypes2.default.bool,\n  /**\n   * If true,
the popover (potentially) ignores `targetOrigin`\n   * and `anchorOrigin` to make itself fit on screen,\n   * which is
useful for mobile devices.\n   */\n  canAutoPosition: _propTypes2.default.bool,\n  /**\n   * The content of the
popover.\n   */\n  children: _propTypes2.default.node,\n  /**\n   * The CSS class name of the root element.\n   */\n  className: _propTypes2.default.string,\n  /**\n   * Callback function fired when the popover is requested to be
closed.\n   */\n  @param {string} reason The reason for the close request. Possibles values\n   * are 'clickAway'
and 'offScreen'.\n   */\n  onRequestClose: _propTypes2.default.func,\n  /**\n   * If true, the popover is visible.\n   */\n  open: _propTypes2.default.bool,\n  /**\n   * Represents the parent scrollable container.\n   * It can be an
element or a string like `window`.\n   */\n  scrollableContainer:
_propTypes2.default.oneOfType([_propTypes2.default.object, _propTypes2.default.string]),\n  /**\n   * Override
the inline-styles of the root element.\n   */\n  style: _propTypes2.default.object,\n  /**\n   * This is the point on the
popover which will attach to\n   * the anchor's origin.\n   * Options:\n   * vertical: [top, center, bottom]\n   *
horizontal: [left, middle, right].\n   */\n  targetOrigin: _propTypes4.default.origin,\n  /**\n   * If true, the popover
will render on top of an invisible\n   * layer, which will prevent clicks to the underlying\n   * elements, and trigger
an `onRequestClose('clickAway')` call.\n   */\n  useLayerForClickAway: _propTypes2.default.bool,\n  /**\n   *
The zIndex of the popover.\n   */\n  zIndex: _propTypes4.default.zDepth\n} : {};\n\nexports.default =
Popover;\n\n"\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default =
getPrefixedValue;\n\nfunction getPrefixedValue(prefixedValue, value, keepUnprefixed) {\n  if (keepUnprefixed)
{\n    return [prefixedValue, value];\n  }\n  return prefixedValue;\n}\n\nmodule.exports =
exports[\"default\"];\n\n\"\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar
_extends = Object.assign || function (target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source =
arguments[i];\n    for (var key in source) {\n      if (Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n    }\n  }\n  return target;\n};\n\nfunction _defineProperty(obj, key, value) {\n  (key in obj) ?\n    Object.defineProperty(obj, key, {\n      value: value,\n      enumerable: true,\n      configurable:

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true,\n    writable: true\n  });\n } else {\n   obj[key] = value;\n }\n\n return obj;\n}\n\nfunction
_objectWithoutProperties(obj, keys) {\n  var target = {};\n  for (var i in obj) {\n    if (keys.indexOf(i) >= 0)
continue;\n    if (!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n    target[i] = obj[i];\n  }\n\n return
target;\n}\n\nvar mapError = function mapError(_ref) {\n  var errorProp = arguments.length > 1 && arguments[1]
!== undefined ? arguments[1] : 'errorText';\n  var _ref$meta = _ref.meta;\n  _ref$meta = _ref$meta === undefined ?
{} : _ref$meta;\n  var touched = _ref$meta.touched,\n      error = _ref$meta.error,\n      warning =
_ref$meta.warning,\n      input = _ref.input,\n      props = _objectWithoutProperties(_ref, ['meta', 'input']);\n\n return
touched && (error || warning) ? _extends({}, props, input, _defineProperty({}, errorProp, error || warning)) :
_extends({}, input, props);\n};\n\nexports.default = mapError;","var baseGetTag = require('./_baseGetTag'),\nisObject = require('./isObject');\n\n/** `Object#toString` result references. */\n\nvar asyncTag = '[object
AsyncFunction]',\n    funcTag = '[object Function]',\n    genTag = '[object GeneratorFunction]',\n    proxyTag =
'[object Proxy]';\n\n/**\n * Checks if `value` is classified as a `Function` object.\n * *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns
`true` if `value` is a function, else `false`.\n * @example\n * *\n * _isFunction(_);\n * // => true\n * *\n *
_isFunction(/abc/);\n * // => false\n */\n\nfunction isFunction(value) {\n  if (!isObject(value)) {\n    return false;\n
  }\n  // The use of `Object#toString` avoids issues with the `typeof` operator\n  // in Safari 9 which returns 'object' for
typed arrays and other constructors.\n\n  var tag = baseGetTag(value);\n  return tag == funcTag || tag == genTag ||
tag == asyncTag || tag == proxyTag;\n}\n\nmodule.exports = isFunction;","var Symbol = require('./_Symbol'),\ngetRawTag = require('./_getRawTag'),\nobjectToString = require('./_objectToString');\n\n/** `Object#toString`
result references. */\n\nvar nullTag = '[object Null]',\n    undefinedTag = '[object Undefined]';\n\n/** Built-in value
references. */\n\nvar symToStringTag = Symbol ? Symbol.toStringTag : undefined;\n\n/**\n * The base
implementation of `getTag` without fallbacks for buggy environments.\n * *\n * @private\n * @param {*} value The
value to query.\n * @returns {string} Returns the `toStringTag`.\n */\n\nfunction baseGetTag(value) {\n  if (value
=== null) {\n    return value === undefined ? undefinedTag : nullTag;\n  }\n\n  return symToStringTag &&
symToStringTag in Object(value) ? getRawTag(value) : objectToString(value);\n}\n\nmodule.exports =
baseGetTag;","var root = require('./_root');\n\n/** Built-in value references. */\n\nvar Symbol =
root.Symbol;\n\nmodule.exports = Symbol;","var baseRest = require('./_baseRest'),\n    isIterateeCall =
require('./_isIterateeCall');\n\n/**\n * Creates a function like `_.assign`.\n * *\n * @private\n * @param {Function}
assigner The function to assign values.\n * @returns {Function} Returns the new assigner function.\n */\n\nfunction
createAssigner(assigner) {\n  return baseRest(function (object, sources) {\n    var index = -1,\n        length =
sources.length,\n        customizer = length > 1 ? sources[length - 1] : undefined,\n        guard = length > 2 ?
sources[2] : undefined;\n\n    customizer = assigner.length > 3 && typeof customizer == 'function' ? (length--,
customizer) : undefined;\n\n    if (guard && isIterateeCall(sources[0], sources[1], guard)) {\n      customizer = length
< 3 ? undefined : customizer;\n      length = 1;\n    }\n\n    object = Object(object);\n\n    while (++index < length)
{\n      var source = sources[index];\n\n      if (source) {\n        assigner(object, source, index, customizer);\n      }\n
}\n\n    return object;\n  });\n}\n\nmodule.exports = createAssigner;","/**\n * This method returns the first argument
it receives.\n * *\n * @static\n * @since 0.1.0\n * @memberOf _\n * @category Util\n * @param {*} value Any
value.\n * @returns {*} Returns `value`.\n * @example\n * *\n * var object = { 'a': 1 };\n * *\n * console.log(_identity(object)) === object;\n * // => true\n */\n\nfunction identity(value) {\n  return
value;\n}\n\nmodule.exports = identity;","/**\n * The base implementation of `_.unary` without support for storing
metadata.\n * *\n * @private\n * @param {Function} func The function to cap arguments for.\n * @returns
{Function} Returns the new capped function.\n */\n\nfunction baseUnary(func) {\n  return function (value) {\n
return func(value);\n  };\n}\n\nmodule.exports = baseUnary;","var baseFor = require('./_baseFor'),\n    keys =
require('./keys');\n\n/**\n * The base implementation of `_.forOwn` without support for iteratee shorthands.\n * *\n *
@private\n * @param {Object} object The object to iterate over.\n * @param {Function} iteratee The function
invoked per iteration.\n * @returns {Object} Returns `object`.\n */\n\nfunction baseForOwn(object, iteratee) {\n
return object && baseFor(object, iteratee, keys);\n}\n\nmodule.exports = baseForOwn;","/**\n * A specialized
version of `_.filter` for arrays without support for\n * iteratee shorthands.\n * *\n * @private\n * @param {Array}

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[array] The array to iterate over.\n * @param {Function} predicate The function invoked per iteration.\n * @returns
{Array} Returns the new filtered array.\n */\nfunction arrayFilter(array, predicate) {\n  var index = -1,\n      length =\n  array == null ? 0 : array.length,\n      resIndex = 0,\n      result = [];\n\n  while (++index < length) {\n    var value =\n    array[index];\n\n    if (predicate(value, index, array)) {\n      result[resIndex++] = value;\n    }\n  }\n\n  return\n  result;\n}\n\nmodule.exports = arrayFilter;","var identity = require('./identity');\n\n/**\n * Casts `value` to `identity` if\n  it's not a function.\n */\n * @private\n * @param {*} value The value to inspect.\n * @returns {Function} Returns\n  cast function.\n */\n\nfunction castFunction(value) {\n  return typeof value === 'function' ? value :\n  identity;\n}\n\nmodule.exports = castFunction;","/**\n * Copyright (c) 2013-present, Facebook, Inc.\n * This\n  source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source\n  tree.\n */\nfunction componentWillMount() {\n  // Call this.constructor.gDSFP to support sub-classes.\n  var state =\n  this.constructor.getDerivedStateFromProps(this.props, this.state);\n\n  if (state !== null && state !== undefined) {\n    this.setState(state);\n  }\n}\n\nfunction componentWillReceiveProps(nextProps) {\n  // Call this.constructor.gDSFP\n  to support sub-classes.\n  // Use the setState() updater to ensure state isn't stale in certain edge cases.\n  function\n  updater(prevState) {\n    var state = this.constructor.getDerivedStateFromProps(nextProps, prevState);\n    return\n    state !== null && state !== undefined ? state : null;\n  } // Binding \"this\" is important for shallow renderer\n  support.\n\n  this.setState(updater.bind(this));\n}\n\nfunction componentWillUpdate(nextProps, nextState) {\n  try\n  {\n    var prevProps = this.props;\n    var prevState = this.state;\n    this.props = nextProps;\n    this.state =\n    nextState;\n    this.__reactInternalSnapshotFlag = true;\n    this.__reactInternalSnapshot =\n    this.getSnapshotBeforeUpdate(prevProps, prevState);\n  } finally {\n    this.props = prevProps;\n    this.state =\n    prevState;\n  }\n} // React may warn about cWM/cWRP/cWU methods being deprecated.\n\n// Add a flag to suppress\n  these warnings for this special case.\n\ncomponentWillMount.__suppressDeprecationWarning =\n  true;\ncomponentWillReceiveProps.__suppressDeprecationWarning =\n  true;\ncomponentWillUpdate.__suppressDeprecationWarning = true;\n\nfunction polyfill(Component) {\n  var\n  prototype = Component.prototype;\n\n  if (!prototype || !prototype.isReactComponent) {\n    throw new Error('Can\n    only polyfill class components');\n  }\n\n  if (typeof Component.getDerivedStateFromProps !== 'function' &&\n  typeof prototype.getSnapshotBeforeUpdate !== 'function') {\n    return Component;\n  } // If new component APIs\n  are defined, \"unsafe\" lifecycles won't be called.\n  // Error if any of these lifecycles are present,\n  // // Because they\n  would work differently between older and newer (16.3+) versions of React.\n\n  var foundWillMountName =\n  null;\n  var foundWillReceivePropsName = null;\n  var foundWillUpdateName = null;\n\n  if (typeof\n  prototype.componentWillMount === 'function') {\n    foundWillMountName = 'componentWillMount';\n  } else if\n  (typeof prototype.UNSAFE_componentWillMount === 'function') {\n    foundWillMountName =\n    'UNSAFE_componentWillMount';\n  }\n\n  if (typeof prototype.componentWillReceiveProps === 'function') {\n    foundWillReceivePropsName = 'componentWillReceiveProps';\n  } else if (typeof\n  prototype.UNSAFE_componentWillReceiveProps === 'function') {\n    foundWillReceivePropsName =\n    'UNSAFE_componentWillReceiveProps';\n  }\n\n  if (typeof prototype.componentWillUpdate === 'function') {\n    foundWillUpdateName = 'componentWillUpdate';\n  } else if (typeof\n  prototype.UNSAFE_componentWillUpdate === 'function') {\n    foundWillUpdateName = 'UNSAFE_componentWillUpdate';\n  }\n\n  if\n  (foundWillMountName !== null || foundWillReceivePropsName !== null || foundWillUpdateName !== null) {\n    var componentName = Component.displayName || Component.name;\n    var newApiName = typeof\n    Component.getDerivedStateFromProps === 'function' ? 'getDerivedStateFromProps()':\n    'getSnapshotBeforeUpdate()';\n    throw Error('Unsafe legacy lifecycles will not be called for components using new\n    component APIs.\\n\\n' + componentName + ' uses ' + newApiName + ' but also contains the following legacy\n    lifecycles: ' + (foundWillMountName !== null ? '\\n ' + foundWillMountName : '') + (foundWillReceivePropsName\n    !== null ? '\\n ' + foundWillReceivePropsName : '') + (foundWillUpdateName !== null ? '\\n ' +\n    foundWillUpdateName : '') + '\\n\\n' + 'The above lifecycles should be removed. Learn more about this warning here:\\n'\n    + 'https://fb.me/react-async-component-lifecycle-hooks');\n  }\n\n  // React <= 16.2 does not support static\n  getDerivedStateFromProps.\n  // // As a workaround, use cWM and cWRP to invoke the new static lifecycle.\n  // // Newer versions of React will ignore these lifecycles if gDSFP exists.\n\n  if (typeof

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Component.getDerivedStateFromProps === 'function') {\n  prototype.componentWillMount =
componentWillMount;\n  prototype.componentWillReceiveProps = componentWillReceiveProps;\n } // React <=
16.2 does not support getSnapshotBeforeUpdate.\n // As a workaround, use cWU to invoke the new lifecycle.\n //
Newer versions of React will ignore that lifecycle if gSBU exists.\n\n\n if (typeof
prototype.getSnapshotBeforeUpdate === 'function') {\n  if (typeof prototype.componentDidUpdate !== 'function')
{\n    throw new Error('Cannot polyfill getSnapshotBeforeUpdate() for components that do not define
componentDidUpdate() on the prototype');\n  }\n  prototype.componentWillUpdate = componentWillUpdate;\n
  var componentDidUpdate = prototype.componentDidUpdate;\n\n  prototype.componentDidUpdate = function
componentDidUpdatePolyfill(prevProps, prevState, maybeSnapshot) {\n    // 16.3+ will not execute our will-
update method;\n    // It will pass a snapshot value to did-update though.\n    // Older versions will require our
polyfilled will-update value.\n    // We need to handle both cases, but can't just check for the presence of
`maybeSnapshot`,\n    // Because for <= 15.x versions this might be a `prevContext` object.\n    // We also
can't just check `__reactInternalSnapshot`,\n    // Because get-snapshot might return a falsy value.\n    // So
check for the explicit __reactInternalSnapshotFlag flag to determine behavior.\n    var snapshot =
this.__reactInternalSnapshotFlag ? this.__reactInternalSnapshot : maybeSnapshot;\n
componentDidUpdate.call(this, prevProps, prevState, snapshot);\n  };
}\n\n return Component;\n}\n\nexport {
polyfill };", "import baseGetTag from './_baseGetTag.js';\nimport isObject from './isObject.js';\n/** `Object#toString`
result references. *\n\nvar asyncTag = '[object AsyncFunction]',\n  funcTag = '[object Function]',\n  genTag =
'[object GeneratorFunction]',\n  proxyTag = '[object Proxy]';\n/**\n * Checks if `value` is classified as a `Function`
object.\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value
to check.\n * @returns {boolean} Returns `true` if `value` is a function, else `false`.\n * @example\n *\n *
_.isFunction(_);\n * // => true\n * _.isFunction(/abc/);\n * // => false\n *\n\nfunction isFunction(value) {\n  if
(!isObject(value)) {\n    return false;\n  } // The use of `Object#toString` avoids issues with the `typeof` operator\n //
in Safari 9 which returns 'object' for typed arrays and other constructors.\n\n  var tag = baseGetTag(value);\n
return tag == funcTag || tag == genTag || tag == asyncTag || tag == proxyTag;\n}\n\nexport default isFunction;"/**
Used as references for various `Number` constants. *\n\nvar MAX_SAFE_INTEGER = 9007199254740991;\n/**\n * Checks if `value` is a valid array-like length.\n *\n * **Note:** This method is loosely based on\n *
[`ToLength`](http://ecma-international.org/ecma-262/7.0/#sec-tolength).\n *\n * @static\n * @memberOf _\n *
@since 4.0.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true`
if `value` is a valid length, else `false`.\n * @example\n *\n * _.isLength(3);\n * // => true\n *\n *
_.isLength(Number.MIN_VALUE);\n * // => false\n *\n * _.isLength(Infinity);\n * // => false\n *\n *
_.isLength('3');\n * // => false\n *\n\nfunction isLength(value) {\n  return typeof value == 'number' && value > -1
&& value % 1 == 0 && value <= MAX_SAFE_INTEGER;\n}\n\nexport default isLength;"/** Used as references
for various `Number` constants. *\n\nvar MAX_SAFE_INTEGER = 9007199254740991;\n/** Used to detect
unsigned integer values. *\n\nvar reIsUint = /^(?:0|[1-9]\\d*)$/;\n/**\n * Checks if `value` is a valid array-like
index.\n *\n * @private\n * @param {*} value The value to check.\n * @param {number}
[length=MAX_SAFE_INTEGER] The upper bounds of a valid index.\n * @returns {boolean} Returns `true` if
`value` is a valid index, else `false`.\n *\n\nfunction isIndex(value, length) {\n  var type = typeof value;\n  length =
length == null ? MAX_SAFE_INTEGER : length;\n  return !!length && (type == 'number' || type != 'symbol' &&
reIsUint.test(value)) && value > -1 && value % 1 == 0 && value < length;\n}\n\nexport default isIndex;"/**
Used for built-in method references. *\n\nvar objectProto = Object.prototype;\n/**\n * Checks if `value` is likely a
prototype object.\n *\n * @private\n * @param {*} value The value to check.\n * @returns {boolean} Returns
`true` if `value` is a prototype, else `false`.\n *\n\nfunction isPrototype(value) {\n  var Ctor = value &&
value.constructor,\n    proto = typeof Ctor == 'function' && Ctor.prototype || objectProto;\n  return value ===
proto;\n}\n\nexport default isPrototype;"/**\n * This method returns the first argument it receives.\n *\n *
@static\n * @since 0.1.0\n * @memberOf _\n * @category Util\n * @param {*} value Any value.\n * @returns
{*} Returns `value`.\n * @example\n *\n * var object = { 'a': 1 };\n *\n * console.log(_.identity(object) ===
object);\n * // => true\n *\n\nfunction identity(value) {\n  return value;\n}\n\nexport default

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@returns {Array} Returns the key-value pairs.\n *\nfunction mapToArray(map) {\n  var index = -1,\n      result =\n      Array(map.size);\n  map.forEach(function (value, key) {\n    result[++index] = [key, value];\n  });\n  return\n  result;\n}\n\nexport default mapToArray;","/**\n * Converts `set` to an array of its values.\n *\n * @private\n *\n * @param {Object} set The set to convert.\n *\n * @returns {Array} Returns the values.\n *\nfunction setToArray(set)\n{\n  var index = -1,\n      result = Array(set.size);\n  set.forEach(function (value) {\n    result[++index] = value;\n  });\n  return result;\n}\n\nexport default setToArray;","import Symbol from './_Symbol.js';\nimport Uint8Array from\n './_Uint8Array.js';\nimport eq from './eq.js';\nimport equalArrays from './_equalArrays.js';\nimport mapToArray\n from './_mapToArray.js';\nimport setToArray from './_setToArray.js';\n/** Used to compose bitmasks for value\n comparisons. *\nvar COMPARE_PARTIAL_FLAG = 1,\n    COMPARE_UNORDERED_FLAG = 2;\n/**\n `Object#toString` result references. *\nvar boolTag = '[object Boolean]',\n    dateTag = '[object Date]',\n    errorTag = '[object Error]',\n    mapTag = '[object Map]',\n    numberTag = '[object Number]',\n    regexpTag =\n '[object RegExp]',\n    setTag = '[object Set]',\n    stringTag = '[object String]',\n    symbolTag = '[object\n Symbol]';\nvar arrayBufferTag = '[object ArrayBuffer]',\n    dataViewTag = '[object DataView]';\n/** Used to\n convert symbols to primitives and strings. *\nvar symbolProto = Symbol ? Symbol.prototype :\n undefined,\n    symbolValueOf = symbolProto ? symbolProto.valueOf :\n undefined;\n/**\n * A specialized version of\n `baseIsEqualDeep` for comparing objects of\n * the same `toStringTag`. \n *\n * **Note:** This function only\n supports comparing values with tags of\n * `Boolean`, `Date`, `Error`, `Number`, `RegExp`,\n or `String`. \n *\n * @private\n * @param {Object} object The object to compare.\n * @param {Object} other The other object to\n compare.\n * @param {string} tag The `toStringTag` of the\n objects to compare.\n * @param {number} bitmask The\n bitmask flags. See `baseIsEqual` for more\n details.\n * @param {Function} customizer The function to\n customize comparisons.\n * @param {Function} equalFunc The function to\n determine equivalents of values.\n * @param\n {Object} stack Tracks traversed `object` and\n `other` objects.\n * @returns {boolean} Returns `true` if the\n objects are equivalent, else `false`. \n *\nfunction equalByTag(object, other, tag, bitmask,\n customizer, equalFunc, stack) {\n  switch (tag) {\n    case dataViewTag:\n      if (object.byteLength != other.byteLength\n || object.byteOffset !=\n      other.byteOffset) {\n        return false;\n      }\n      object = object.buffer;\n      other = other.buffer;\n    case\n arrayBufferTag:\n      if (object.byteLength != other.byteLength\n ||\n      !equalFunc(new Uint8Array(object), new\n      Uint8Array(other))) {\n        return false;\n      }\n      return true;\n    case\n boolTag:\n    case dateTag:\n    case\n numberTag:\n      // Coerce booleans to `1` or `0` and\n dates to milliseconds.\n      // Invalid dates are coerced to\n      `NaN`. \n      return eq(+object, +other);\n    case\n errorTag:\n      return object.name == other.name &&\n      object.message == other.message;\n    case\n regexpTag:\n    case stringTag:\n      // Coerce\n regexes to strings and treat strings,\n      primitives and objects,\n      // as equal. See\n http://www.ecma-international.org/ecma-262/7.0/#sec-  
regexp.prototype.toString\n      // for more details.\n      return object == other + "";\n    case\n mapTag:\n      var\n convert = mapToArray;\n    case\n setTag:\n      var isPartial =\n bitmask & COMPARE_PARTIAL_FLAG;\n      convert || (convert = setToArray);\n      if (object.size != other.size && !isPartial)\n        return false;\n      //\n      Assume cyclic values are equal.\n      var stacked = stack.get(object);\n      if (stacked) {\n        return stacked\n == other;\n      }\n      bitmask |=\n COMPARE_UNORDERED_FLAG; // Recursively\n compare objects (susceptible\n      to call stack limits).\n      stack.set(object, other);\n      var result =\n equalArrays(convert(object), convert(other),\n      bitmask, customizer, equalFunc, stack);\n      stack['delete'](object);\n      return result;\n    case\n symbolTag:\n      if (symbolValueOf) {\n        return\n symbolValueOf.call(object) == symbolValueOf.call(\n      other);\n      }\n      return\n false;\n  }\n}\n\nexport default equalByTag;","/**\n * Appends the elements of `values` to `array`. \n *\n * @private\n * @param {Array} array The array to modify.\n * @param {Array} values The values to append.\n *\n * @returns {Array} Returns `array`. \n *\nfunction arrayPush(array, values) {\n  var index = -1,\n      length =\n      values.length,\n      offset =\n      array.length;\n  while (++index < length) {\n    array[offset +\n      index] = values[index];\n  }\n  return\n array;\n}\n\nexport default arrayPush;","import arrayPush from\n './_arrayPush.js';\nimport isArray from\n './isArray.js';\n/**\n * The base implementation of `getAllKeys` and\n `getAllKeysIn` which uses\n * `keysFunc` and\n `symbolsFunc` to get the enumerable property\n names and\n * symbols of `object`. \n *\n * @private\n * @param\n {Object} object The object to query.\n * @param {Function} keysFunc The function to\n get the keys of `object`. \n *\n * @param {Function} symbolsFunc The function to\n get the symbols of `object`. \n *\n * @returns {Array} Returns the

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array of property names and symbols.\n *\n\nfunction baseGetAllKeys(object, keysFunc, symbolsFunc) {\n  var\n  result = keysFunc(object);\n  return isArray(object) ? result : arrayPush(result, symbolsFunc(object));\n}\n\n\nexport\n  default baseGetAllKeys;","/**\n * A specialized version of `_.filter` for arrays without support for\n * iteratee\n shorthands.\n *\n * @private\n * @param {Array} [array] The array to iterate over.\n * @param {Function}\n  predicate The function invoked per iteration.\n * @returns {Array} Returns the new filtered array.\n *\n\nfunction\n  arrayFilter(array, predicate) {\n  var index = -1,\n      length = array == null ? 0 : array.length,\n      resIndex = 0,\n      result = [];\n\n  while (++index < length) {\n    var value = array[index];\n\n    if (predicate(value, index, array)) {\n      result[resIndex++] = value;\n    }\n  }\n\n  return result;\n}\n\n\nexport default arrayFilter;","/**\n * This method\n  returns a new empty array.\n *\n * @static\n * @memberOf _\n * @since 4.13.0\n * @category Util\n * @returns\n  {Array} Returns the new empty array.\n *\n * @example\n *\n * var arrays = _times(2, _.stubArray);\n *\n * console.log(arrays);\n * // => [[], []]\n *\n * console.log(arrays[0] === arrays[1]);\n * // => false\n *\n\nfunction\n  stubArray() {\n  return [];\n}\n\n\nexport default stubArray;","import arrayFilter from './_arrayFilter.js';\nimport\n  stubArray from './stubArray.js';\n\n\n/** Used for built-in method references. */\n\nvar objectProto =\n  Object.prototype;\n\n\n/** Built-in value references. */\n\nvar propertyIsEnumerable =\n  objectProto.propertyIsEnumerable;\n\n\n/** Built-in method references for those with the same name as other `lodash`\n  methods. */\n\nvar nativeGetSymbols = Object.getOwnPropertySymbols;\n\n\n/**\n * Creates an array of the own\n  enumerable symbols of `object`.\n *\n * @private\n * @param {Object} object The object to query.\n * @returns\n  {Array} Returns the array of symbols.\n *\n\nvar getSymbols = !nativeGetSymbols ? stubArray : function (object)\n  {\n  if (object == null) {\n    return [];\n  }\n\n  object = Object(object);\n\n  return\n    arrayFilter(nativeGetSymbols(object), function (symbol) {\n      return propertyIsEnumerable.call(object, symbol);\n    });\n}\n\n\nexport default getSymbols;","import baseGetAllKeys from './_baseGetAllKeys.js';\nimport getSymbols\n  from './_getSymbols.js';\nimport keys from './keys.js';\n\n\n/**\n * Creates an array of own enumerable property names\n  and symbols of `object`.\n *\n * @private\n * @param {Object} object The object to query.\n * @returns {Array}\n  Returns the array of property names and symbols.\n *\n\nfunction\n  getAllKeys(object) {\n  return\n    baseGetAllKeys(object, keys, getSymbols);\n}\n\n\nexport default getAllKeys;","import getAllKeys from\n  './_getAllKeys.js';\n\n\n/** Used to compose bitmasks for value comparisons. */\n\nvar COMPARE_PARTIAL_FLAG\n  = 1;\n\n\n/** Used for built-in method references. */\n\nvar objectProto = Object.prototype;\n\n\n/** Used to check objects\n  for own properties. */\n\nvar hasOwnProperty = objectProto.hasOwnProperty;\n\n\n/**\n * A specialized version of\n  `baseIsEqualDeep` for objects with support for\n * partial deep comparisons.\n *\n * @private\n * @param\n  {Object} object The object to compare.\n * @param {Object} other The other object to compare.\n * @param\n  {number} bitmask The bitmask flags. See `baseIsEqual` for more details.\n * @param {Function} customizer The\n  function to customize comparisons.\n * @param {Function} equalFunc The function to determine equivalents of\n  values.\n * @param {Object} stack Tracks traversed `object` and `other` objects.\n * @returns {boolean} Returns\n  `true` if the objects are equivalent, else `false`.\n *\n\nfunction\n  equalObjects(object, other, bitmask, customizer,\n  equalFunc, stack) {\n  var isPartial = bitmask & COMPARE_PARTIAL_FLAG,\n      objProps =\n        getAllKeys(object),\n      objLength = objProps.length,\n      othProps = getAllKeys(other),\n      othLength =\n        othProps.length;\n\n  if (objLength !== othLength && !isPartial) {\n    return false;\n  }\n\n  var index =\n    objLength;\n\n  while (index-- > 0) {\n    var key = objProps[index];\n\n    if (!(isPartial ? key in other :\n        hasOwnProperty.call(other, key))) {\n      return false;\n    }\n  }\n\n  // Assume cyclic values are equal.\n\n  var stacked\n    = stack.get(object);\n\n  if (stacked && stack.get(other)) {\n    return stacked === other;\n  }\n\n  var result = true;\n\n  stack.set(object, other);\n  stack.set(other, object);\n\n  var skipCtor = isPartial;\n\n  while (++index < objLength) {\n    key = objProps[index];\n    var objValue = object[key],\n        othValue = other[key];\n\n    if (customizer) {\n      var compared = isPartial ? customizer(othValue, objValue, key, other, object, stack) :\n        customizer(objValue, othValue,\n          key, object, other, stack);\n    }\n\n    // Recursively compare objects (susceptible to call stack limits).\n\n    if\n      (!(\n        compared === undefined ? objValue === othValue ||\n        equalFunc(objValue, othValue, bitmask, customizer, stack)\n        : compared)) {\n      result = false;\n      break;\n    }\n\n    skipCtor ||\n      (skipCtor = key === 'constructor');\n  }\n\n  if\n    (result && !skipCtor) {\n    var objCtor = object.constructor,\n        othCtor = other.constructor;\n\n    // Non `Object`\n    object instances with different constructors are not equal.\n\n    if (objCtor !== othCtor && 'constructor' in object &&

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'constructor' in other && !(typeof objCtor === 'function' && objCtor instanceof objCtor && typeof othCtor ===
'function' && othCtor instanceof othCtor)) {\n  result = false;\n  }\n }\n\n stack['delete'](object);\n
stack['delete'](other);\n  return result;\n}\n\n\nexport default equalObjects;","import getNative from
'./_getNative.js';\nimport root from './_root.js';\n/** Built-in method references that are verified to be native. */\n\nvar
DataView = getNative(root, 'DataView');\nexport default DataView;","import getNative from
'./_getNative.js';\nimport root from './_root.js';\n/** Built-in method references that are verified to be native. */\n\nvar
Promise = getNative(root, 'Promise');\nexport default Promise;","import getNative from './_getNative.js';\nimport
root from './_root.js';\n/** Built-in method references that are verified to be native. */\n\nvar Set = getNative(root,
'Set');\nexport default Set;","import getNative from './_getNative.js';\nimport root from './_root.js';\n/** Built-in
method references that are verified to be native. */\n\nvar WeakMap = getNative(root, 'WeakMap');\nexport default
WeakMap;","import DataView from './_DataView.js';\nimport Map from './_Map.js';\nimport Promise from
'./_Promise.js';\nimport Set from './_Set.js';\nimport WeakMap from './_WeakMap.js';\nimport baseGetTag from
'./_baseGetTag.js';\nimport toSource from './_toSource.js';\n/** `Object#toString` result references. */\n\nvar
mapTag = '[object Map]',\n  objectTag = '[object Object]',\n  promiseTag = '[object Promise]',\n  setTag =
'[object Set]',\n  weakMapTag = '[object WeakMap]';\nvar dataViewTag = '[object DataView]';\n/** Used to detect
maps, sets, and weakmaps. */\n\nvar dataViewCtorString = toSource(DataView),\n  mapCtorString =
toSource(Map),\n  promiseCtorString = toSource(Promise),\n  setCtorString = toSource(Set),\n  weakMapCtorString =
toSource(WeakMap);\n/**\n * Gets the `toStringTag` of `value`.\n * @private\n * @param {*} value The value to query.\n * @returns {string} Returns the `toStringTag`.\n */\n\nvar getTag =
baseGetTag; // Fallback for data views, maps, sets, and weak maps in IE 11 and promises in Node.js < 6.\n\nif
(DataView && getTag(new DataView(new ArrayBuffer(1))) !== dataViewTag || Map && getTag(new Map()) !==
mapTag || Promise && getTag(Promise.resolve()) !== promiseTag || Set && getTag(new Set()) !== setTag ||
WeakMap && getTag(new WeakMap()) !== weakMapTag) {\n  getTag = function getTag(value) {\n    var result =
baseGetTag(value),\n      ctor = result === objectTag ? value.constructor : undefined,\n      ctorString = ctor ?
toSource(ctor) : '';\n    if (ctorString) {\n      switch (ctorString) {\n        case dataViewCtorString:\n          return
dataViewTag;\n        case mapCtorString:\n          return mapTag;\n        case promiseCtorString:\n          return
promiseTag;\n        case setCtorString:\n          return setTag;\n        case weakMapCtorString:\n          return
weakMapTag;\n      }\n    }\n    return result;\n  };\n}\n\n\nexport default getTag;","import Stack from
'./_Stack.js';\nimport equalArrays from './_equalArrays.js';\nimport equalByTag from './_equalByTag.js';\nimport
equalObjects from './_equalObjects.js';\nimport getTag from './_getTag.js';\nimport isArray from
'./isArray.js';\nimport isBuffer from './isBuffer.js';\nimport isTypedArray from './isTypedArray.js';\n/** Used to
compose bitmasks for value comparisons. */\n\nvar COMPARE_PARTIAL_FLAG = 1;\n/** `Object#toString`
result references. */\n\nvar argsTag = '[object Arguments]',\n  arrayTag = '[object Array]',\n  objectTag = '[object
Object]';\n/** Used for built-in method references. */\n\nvar objectProto = Object.prototype;\n/** Used to check
objects for own properties. */\n\nvar hasOwnProperty = objectProto.hasOwnProperty;\n/**\n * A specialized
version of `baseIsEqual` for arrays and objects which performs\n * deep comparisons and tracks traversed objects
enabling objects with circular\n * references to be compared.\n * @private\n * @param {Object} object The
object to compare.\n * @param {Object} other The other object to compare.\n * @param {number} bitmask The
bitmask flags. See `baseIsEqual` for more details.\n * @param {Function} customizer The function to customize
comparisons.\n * @param {Function} equalFunc The function to determine equivalents of values.\n * @param
{Object} [stack] Tracks traversed `object` and `other` objects.\n * @returns {boolean} Returns `true` if the objects
are equivalent, else `false`.\n */\n\nfunction baseIsEqualDeep(object, other, bitmask, customizer, equalFunc, stack)
{\n  var objIsArr = isArray(object),\n    othIsArr = isArray(other),\n    objTag = objIsArr ? arrayTag :
getTag(object),\n    othTag = othIsArr ? arrayTag : getTag(other);\n  objTag = objTag === argsTag ? objectTag :
objTag;\n  othTag = othTag === argsTag ? objectTag : othTag;\n  var objIsObj = objTag === objectTag,\n    othIsObj
= othTag === objectTag,\n    isSameTag = objTag === othTag;\n\n  if (isSameTag && isBuffer(object)) {\n    if
(!isBuffer(other)) {\n      return false;\n    }\n\n    objIsArr = true;\n    objIsObj = false;\n  }\n\n  if (isSameTag &&
!objIsObj) {\n    stack || (stack = new Stack());\n    return objIsArr || isTypedArray(object) ? equalArrays(object,

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other, bitmask, customizer, equalFunc, stack) : equalByTag(object, other, objTag, bitmask, customizer, equalFunc,
stack);\n }\n\n if (!(bitmask & COMPARE_PARTIAL_FLAG)) {\n   var objIsWrapped = objIsObj &&
hasOwnProperty.call(object, '__wrapped__'),\n       othIsWrapped = othIsObj && hasOwnProperty.call(other,
'__wrapped__');\n\n   if (objIsWrapped || othIsWrapped) {\n     var objUnwrapped = objIsWrapped ? object.value()
: object,\n         othUnwrapped = othIsWrapped ? other.value() : other;\n     stack || (stack = new Stack());\n     return equalFunc(objUnwrapped, othUnwrapped, bitmask, customizer, stack);\n   }\n }\n\n if (!isSameTag) {\n   return false;\n }\n\n stack || (stack = new Stack());\n return equalObjects(object, other, bitmask, customizer,
equalFunc, stack);\n}\n\nexport default baseIsEqualDeep;","import baseIsEqualDeep from
'./_baseIsEqualDeep.js';\nimport isObjectLike from './isObjectLike.js';\n/**\n * The base implementation of
`_isEqual` which supports partial comparisons\n * and tracks traversed objects.\n *\n * @private\n * @param {*}
value The value to compare.\n * @param {*} other The other value to compare.\n * @param {boolean} bitmask
The bitmask flags.\n * 1 - Unordered comparison\n * 2 - Partial comparison\n * @param {Function} [customizer]
The function to customize comparisons.\n * @param {Object} [stack] Tracks traversed `value` and `other`
objects.\n * @returns {boolean} Returns `true` if the values are equivalent, else `false`.\n */\nfunction
baseIsEqual(value, other, bitmask, customizer, stack) {\n  if (value === other) {\n    return true;\n  }\n\n  if (value
=== null || other === null || !isObjectLike(value) && !isObjectLike(other)) {\n    return value !== value && other !==
other;\n  }\n\n  return baseIsEqualDeep(value, other, bitmask, customizer, baseIsEqual, stack);\n}\n\nexport default
baseIsEqual;","import baseGetTag from './_baseGetTag.js';\nimport isLength from './isLength.js';\nimport
isObjectLike from './isObjectLike.js';\n/**\n * `Object#toString` result references. *\n *\n * @private\n * @param {string}
argsTag = '[object Arguments]',\n * arrayTag = '[object Array]',\n * boolTag = '[object Boolean]',\n * dateTag = '[object Date]',\n
errorTag = '[object Error]',\n * funcTag = '[object Function]',\n * mapTag = '[object Map]',\n * numberTag = '[object
Number]',\n * objectTag = '[object Object]',\n * regexpTag = '[object RegExp]',\n * setTag = '[object Set]',\n
stringTag = '[object String]',\n * weakMapTag = '[object WeakMap]';\n *\n * @private\n * @param {string}
arrayBufferTag = '[object ArrayBuffer]',\n * dataViewTag = '[object DataView]',\n * float32Tag = '[object Float32Array]',\n
float64Tag = '[object Float64Array]',\n * int8Tag = '[object Int8Array]',\n * int16Tag = '[object Int16Array]',\n
int32Tag = '[object Int32Array]',\n * uint8Tag = '[object Uint8Array]',\n * uint8ClampedTag = '[object Uint8ClampedArray]',\n
uint16Tag = '[object Uint16Array]',\n * uint32Tag = '[object Uint32Array]';\n *\n * Used to identify `toStringTag`
values of typed arrays. *\n *\n * @private\n * @param {Object} typedArrayTags = {\n *   float32Tag:
typedArrayTags[float64Tag] = typedArrayTags[int8Tag] = typedArrayTags[int16Tag] = typedArrayTags[int32Tag]
= typedArrayTags[uint8Tag] = typedArrayTags[uint8ClampedTag] = typedArrayTags[uint16Tag] =
typedArrayTags[uint32Tag] = true;\n *   argsTag: typedArrayTags[arrayTag] =
typedArrayTags[arrayBufferTag] = typedArrayTags[boolTag] = typedArrayTags[dataViewTag] =
typedArrayTags[dateTag] = typedArrayTags[errorTag] = typedArrayTags[funcTag] = typedArrayTags[mapTag] =
typedArrayTags[numberTag] = typedArrayTags[objectTag] = typedArrayTags[regexpTag] =
typedArrayTags[setTag] = typedArrayTags[stringTag] = typedArrayTags[weakMapTag] = false;\n * }\n *\n * The base
implementation of `_isTypedArray` without Node.js optimizations.\n *\n * @private\n * @param {*} value The
value to check.\n * @returns {boolean} Returns `true` if `value` is a typed array, else `false`.\n */\nfunction
baseIsTypedArray(value) {\n  return isObjectLike(value) && isLength(value.length) &&
!!typedArrayTags[baseGetTag(value)];\n}\n\nexport default baseIsTypedArray;","/**\n * The base implementation
of `_unary` without support for storing metadata.\n *\n * @private\n * @param {Function} func The function to
cap arguments for.\n * @returns {Function} Returns the new capped function.\n */\nfunction baseUnary(func) {\n
return function (value) {\n  return func(value);\n };}\n\nexport default baseUnary;","import baseIsTypedArray
from './_baseIsTypedArray.js';\nimport baseUnary from './_baseUnary.js';\nimport nodeUtil from './_nodeUtil.js';\n/**
Node.js helper references. *\n *\n * @private\n * @param {Object} nodeIsTypedArray = nodeUtil && nodeUtil.isTypedArray;\n *\n * Checks if
`value` is classified as a typed array.\n *\n * @static\n * @memberOf _\n * @since 3.0.0\n * @category Lang\n *
@param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is a typed array, else
`false`.\n * @example\n * _._isTypedArray(new Uint8Array);\n * // => true\n * _._isTypedArray([]);\n * // =>
false\n */\nvar isTypedArray = nodeIsTypedArray ? baseUnary(nodeIsTypedArray) : baseIsTypedArray;\nexport

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default isTypedArray;","import overArg from './_overArg.js';n/* Built-in method references for those with the same
name as other `lodash` methods. */n\nvar nativeKeys = overArg(Object.keys, Object);nexport default
nativeKeys;","import isPrototype from './_isPrototype.js';nimport nativeKeys from './_nativeKeys.js';n/** Used for
built-in method references. */n\nvar objectProto = Object.prototype;n/** Used to check objects for own properties.
*/n\nvar hasOwnProperty = objectProto.hasOwnProperty;n/**\n * The base implementation of `_.keys` which
doesn't treat sparse arrays as dense.\n * \n * @private\n * @param {Object} object The object to query.\n * @returns
{Array} Returns the array of property names.\n */n\nfunction baseKeys(object) {\n  if (!isPrototype(object)) {\n
return nativeKeys(object);\n  }\n\n  var result = [];\n\n  for (var key in Object(object)) {\n    if
(hasOwnProperty.call(object, key) && key != 'constructor') {\n      result.push(key);\n    }\n  }\n\n  return
result;\n}\n\nexport default baseKeys;","import arrayLikeKeys from './_arrayLikeKeys.js';nimport baseKeys from
'./_baseKeys.js';nimport isArrayLike from './isArrayLike.js';n/**\n * Creates an array of the own enumerable
property names of `object`.\n * \n * **Note:** Non-object values are coerced to objects. See the\n * [ES
spec](http://ecma-international.org/ecma-262/7.0/#sec-object.keys)\n * for more details.\n * \n * @static\n * @since
0.1.0\n * @memberOf _\n * @category Object\n * @param {Object} object The object to query.\n * @returns
{Array} Returns the array of property names.\n * @example\n * \n * function Foo() {\n *   this.a = 1;\n *   this.b =
2;\n * }\n * \n * Foo.prototype.c = 3;\n * \n * _keys(new Foo);\n * // => ['a', 'b'] (iteration order is not guaranteed)\n
*\n * _keys('hi');\n * // => ['0', '1']\n */n\nfunction keys(object) {\n  return isArrayLike(object) ?
arrayLikeKeys(object) : baseKeys(object);\n}\n\nexport default keys;","import root from './_root.js';n/** Built-in
value references. */n\nvar Uint8Array = root.Uint8Array;nexport default Uint8Array;","import getNative from
'./_getNative.js';n\nvar defineProperty = function () {\n  try {\n    var func = getNative(Object, 'defineProperty');\n
func({}, {}, {});\n    return func;\n  } catch (e) {}\n}\n\nexport default defineProperty;","var g; // This works in
non-strict mode\nng = function () {\n  return this;\n}();\n\ntry {\n  // This works if eval is allowed (see CSP)\n  g =
g || Function("return this")() || (1, eval)("this");\n} catch (e) {\n  // This works if the window reference is
available\n  if (typeof window === "object") g = window;\n  // g can still be undefined, but nothing to do about
it...\n  // We return undefined, instead of nothing here, so it's\n  // easier to handle this case. if(!global) {\n
...}\n}\n\nmodule.exports = g;","module.exports = function (originalModule) {\n  if
(!originalModule.webpackPolyfill) {\n    var module = Object.create(originalModule); // module.parent = undefined
by default\n\n    if (!module.children) module.children = [];\n    Object.defineProperty(module, "loaded", {\n
enumerable: true,\n    get: function get() {\n      return module.l;\n    }\n  });\n    Object.defineProperty(module,
"id", {\n    enumerable: true,\n    get: function get() {\n      return module.i;\n    }\n  });\n\n    Object.defineProperty(module, "exports", {\n    enumerable: true\n  });\n    module.webpackPolyfill = 1;\n  }\n\n  return module;\n};","module.exports = function (bitmap, value) {\n  return {\n    enumerable: !(bitmap & 1),\n
configurable: !(bitmap & 2),\n    writable: !(bitmap & 4),\n    value: value\n  };","// 19.1.2.14 / 15.2.3.14
Object.keys(O)\nvar $keys = require('./_object-keys-internal');\nvar enumBugKeys = require('./_enum-bug-keys');\n\nmodule.exports = Object.keys || function keys(O) {\n  return $keys(O, enumBugKeys);\n};","// 7.1.13
ToObject(argument)\nvar defined = require('./_defined');\n\nmodule.exports = function (it) {\n  return
Object(defined(it));\n};","\"use strict\";\n\nexports.__esModule = true;\n\nvar _iterator = require(\"../core-js/symbol/iterator\");\nvar _iterator2 = _interopRequireDefault(_iterator);\nvar _symbol = require(\"../core-js/symbol\");\nvar _symbol2 = _interopRequireDefault(_symbol);\n\nvar _typeof = typeof _symbol2.default ===
\"function\" && typeof _iterator2.default === \"symbol\" ? function (obj) {\n  return typeof obj;\n} : function (obj)
{\n  return obj && typeof _symbol2.default === \"function\" && obj.constructor === _symbol2.default && obj !==
_symbol2.default.prototype ? \"symbol\" : typeof obj;\n};\n\nfunction _interopRequireDefault(obj) {\n  return obj
&& obj.__esModule ? obj : {\n    default: obj\n  };}\n\nexports.default = typeof _symbol2.default === \"function\"
&& _typeof(_iterator2.default) === \"symbol\" ? function (obj) {\n  return typeof obj === \"undefined\" ?
\"undefined\" : _typeof(obj);\n} : function (obj) {\n  return obj && typeof _symbol2.default === \"function\" &&
obj.constructor === _symbol2.default && obj !== _symbol2.default.prototype ? \"symbol\" : typeof obj ===
\"undefined\" ? \"undefined\" : _typeof(obj);\n};","\"use strict\";\n\nexports.__esModule = true;\n\nvar _extends =
Object.assign || function (target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments[i];\n  }\n}

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for (var key in source) {\n  if (Object.prototype.hasOwnProperty.call(source, key)) {\n    target[key] =
source[key];\n  }\n}\n\nreturn target;\n};\n\nvar _chainFunction = require('chain-function');\n\nvar
_chainFunction2 = _interopRequireDefault(_chainFunction);\n\nvar _react = require('react');\n\nvar _react2 =
_interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =
_interopRequireDefault(_propTypes);\n\nvar _warning = require('warning');\n\nvar _warning2 =
_interopRequireDefault(_warning);\n\nvar _ChildMapping = require('./utils/ChildMapping');\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction
_classCallCheck(instance, Constructor) {\n  if (!(instance instanceof Constructor)) {\n    throw new
TypeError("Cannot call a class as a function");\n  }\n}\n\nfunction _possibleConstructorReturn(self, call) {\n  if
(!self) {\n    throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n  }\n}\n\nreturn
call && (typeof call === "object" || typeof call === "function") ? call : self;\n}\n\nfunction _inherits(subClass,
superClass) {\n  if (typeof superClass !== "function" && superClass !== null) {\n    throw new
TypeError("Super expression must either be null or a function, not " + typeof superClass);\n  }\n}\n\nsubClass.prototype =
Object.create(superClass && superClass.prototype, {\n  constructor: {\n    value: subClass,\n    enumerable:
false,\n    writable: true,\n    configurable: true\n  }\n});\n\nif (superClass) Object.setPrototypeOf ?
Object.setPrototypeOf(subClass, superClass) : subClass.__proto__ = superClass;\n}\n\nvar propTypes = {\n
component: _propTypes2.default.any,\n  childFactory: _propTypes2.default.func,\n  children:
_propTypes2.default.node\n};\n\nvar defaultProps = {\n  component: 'span',\n  childFactory: function
childFactory(child) {\n    return child;\n  }\n};\n\nvar TransitionGroup = function (_React$Component) {\n
_inherits(TransitionGroup, _React$Component);\n\n  function TransitionGroup(props, context) {\n
_classCallCheck(this, TransitionGroup);\n\n    var _this = _possibleConstructorReturn(this,
_React$Component.call(this, props, context));\n\n    _this.performAppear = function (key, component) {\n
_this.currentlyTransitioningKeys[key] = true;\n\n    if (component.componentWillAppear) {\n
component.componentWillAppear(_this._handleDoneAppearing.bind(_this, key, component));\n    } else {\n
_this._handleDoneAppearing(key, component);\n    }\n\n    _this._handleDoneAppearing = function (key,
component) {\n    if (component.componentDidAppear) {\n      component.componentDidAppear();\n    }\n\n    delete
_this.currentlyTransitioningKeys[key];\n\n    var currentChildMapping = (0,
_ChildMapping.getChildMapping)(_this.props.children);\n\n    if (!currentChildMapping ||
!currentChildMapping.hasOwnProperty(key)) {\n      // This was removed before it had fully appeared. Remove
it.\n      _this.performLeave(key, component);\n    }\n\n    _this.performEnter = function (key, component)
{\n      _this.currentlyTransitioningKeys[key] = true;\n\n      if (component.componentWillEnter) {\n
component.componentWillEnter(_this._handleDoneEntering.bind(_this, key, component));\n      } else {\n
_this._handleDoneEntering(key, component);\n      }\n\n      _this._handleDoneEntering = function (key,
component) {\n      if (component.componentDidEnter) {\n        component.componentDidEnter();\n      }\n\n      delete
_this.currentlyTransitioningKeys[key];\n\n      var currentChildMapping = (0,
_ChildMapping.getChildMapping)(_this.props.children);\n\n      if (!currentChildMapping ||
!currentChildMapping.hasOwnProperty(key)) {\n        // This was removed before it had fully entered. Remove
it.\n        _this.performLeave(key, component);\n      }\n\n      _this.performLeave = function (key, component) {\n
_this.currentlyTransitioningKeys[key] = true;\n\n      if (component.componentWillLeave) {\n
component.componentWillLeave(_this._handleDoneLeaving.bind(_this, key, component));\n      } else {\n        //
Note that this is somewhat dangerous b/c it calls setState()\n        // again, effectively mutating the component before
all the work\n        // is done.\n        _this._handleDoneLeaving(key, component);\n      }\n\n      _this._handleDoneLeaving = function (key, component) {\n      if (component.componentDidLeave) {\n
component.componentDidLeave();\n      }\n\n      delete _this.currentlyTransitioningKeys[key];\n\n      var
currentChildMapping = (0, _ChildMapping.getChildMapping)(_this.props.children);\n\n      if
(currentChildMapping && currentChildMapping.hasOwnProperty(key)) {\n        // This entered again before it fully
left. Add it again.\n        _this.keysToEnter.push(key);\n      } else {\n        _this.setState(function (state) {\n          var
newChildren = _extends({}, state.children);\n\n          delete newChildren[key];\n\n          return {\n            children:

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newChildren\n    });\n    });\n    });\n\n    _this.childRefs = Object.create(null);\n    _this.state = {\n  children: (0, _ChildMapping.getChildMapping)(props.children)\n  });\n  return _this;\n}\n\nTransitionGroup.prototype.componentWillMount = function componentWillMount() {\n  this.currentlyTransitioningKeys = {};\n  this.keysToEnter = [];\n  this.keysToLeave = [];\n};\n\nTransitionGroup.prototype.componentDidMount = function componentDidMount() {\n  var initialChildMapping =\n  this.state.children;\n  for (var key in initialChildMapping) {\n    if (initialChildMapping[key]) {\n      this.performAppear(key, this.childRefs[key]);\n    }\n  }\n};\n\nTransitionGroup.prototype.componentWillReceiveProps = function componentWillReceiveProps(nextProps) {\n  var nextChildMapping = (0, _ChildMapping.getChildMapping)(nextProps.children);\n  var prevChildMapping =\n  this.state.children;\n  this.setState({\n    children: (0, _ChildMapping.mergeChildMappings)(prevChildMapping,\n  nextChildMapping)\n  });\n  for (var key in nextChildMapping) {\n    var hasPrev = prevChildMapping &&\n  prevChildMapping.hasOwnProperty(key);\n    if (nextChildMapping[key] && !hasPrev &&\n  !this.currentlyTransitioningKeys[key]) {\n      this.keysToEnter.push(key);\n    }\n  }\n  for (var _key in\n  prevChildMapping) {\n    var hasNext = nextChildMapping && nextChildMapping.hasOwnProperty(_key);\n    if (prevChildMapping[_key] && !hasNext && !this.currentlyTransitioningKeys[_key]) {\n      this.keysToLeave.push(_key);\n    }\n  } // If we want to someday check for reordering, we could do it here.\n};\n\nTransitionGroup.prototype.componentDidUpdate = function componentDidUpdate() {\n  var _this2 =\n  this;\n  var keysToEnter = this.keysToEnter;\n  this.keysToEnter = [];\n  keysToEnter.forEach(function (key)\n  {\n    return _this2.performEnter(key, _this2.childRefs[key]);\n  });\n  var keysToLeave = this.keysToLeave;\n  this.keysToLeave = [];\n  keysToLeave.forEach(function (key) {\n    return _this2.performLeave(key,\n  _this2.childRefs[key]);\n  });\n};\n\nTransitionGroup.prototype.render = function render() {\n  var _this3 =\n  this; // TODO: we could get rid of the need for the wrapper node\n  // by cloning a single child\n\n  var\n  childrenToRender = [];\n\n  var _loop = function _loop(key) {\n    var child = _this3.state.children[key];\n\n    if\n  (child) {\n      var isCallbackRef = typeof child.ref !== 'string';\n      var factoryChild =\n      _this3.props.childFactory(child);\n      var ref = function ref(r) {\n        _this3.childRefs[key] = r;\n      };\n      process.env.NODE_ENV !== 'production' ? (0, _warning2.default)(isCallbackRef, 'string refs are not supported on\n  children of TransitionGroup and will be ignored. ' + 'Please use a callback ref instead:\n  https://facebook.github.io/react/docs/refs-and-the-dom.html#the-ref-callback-attribute') : void 0; // Always chaining\n  the refs leads to problems when the childFactory\n      // wraps the child. The child ref callback gets called twice\n  with the\n      // wrapper and the child. So we only need to chain the ref if the\n      // factoryChild is not different\n  from child.\n      if (factoryChild === child && isCallbackRef) {\n        ref = (0,\n      _chainFunction2.default)(child.ref, ref);\n      } // You may need to apply reactive updates to a child as it is\n  leaving.\n      // The normal React way to do it won't work since the child will have\n      // already been removed.\n  In case you need this behavior you can provide\n      // a childFactory function to wrap every child, even the ones\n  that are\n      // leaving.\n      childrenToRender.push(_react2.default.cloneElement(factoryChild, {\n  key: key,\n      ref: ref\n  }));\n    }\n  }\n};\n  for (var key in this.state.children) {\n    _loop(key);\n  } //\n  Do not forward TransitionGroup props to primitive DOM nodes\n\n  var props = _extends({}, this.props);\n  delete props.transitionLeave;\n  delete props.transitionName;\n  delete props.transitionAppear;\n  delete\n  props.transitionEnter;\n  delete props.childFactory;\n  delete props.transitionLeaveTimeout;\n  delete\n  props.transitionEnterTimeout;\n  delete props.transitionAppearTimeout;\n  delete props.component;\n  return\n  _react2.default.createElement(this.props.component, props, childrenToRender);\n};\n\nreturn\n  TransitionGroup;\n})(_react2.default.Component);\n\nTransitionGroup.displayName =\n  'TransitionGroup';\nTransitionGroup.propTypes = process.env.NODE_ENV !== \"production\" ? propTypes :\n  {};\nTransitionGroup.defaultProps = defaultProps;\nexports.default = TransitionGroup;\nmodule.exports =\n  exports['default'];\n\n\"use strict\";\n\n__esModule = true;\n\nvar _from = require(\"../core-\n  js/array/from\");\nvar _from2 = _interopRequireDefault(_from);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nexports.default = function (arr) {\n  if\n  (Array.isArray(arr)) {\n    for (var i = 0, arr2 = Array(arr.length); i < arr.length; i++) {\n      arr2[i] = arr[i];\n    }\n  }\n}

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return arr2;\n } else {\n   return (0, _from2.default)(arr);\n };\n};","use strict";\n\nObject.defineProperty(exports,
\n__esModule", {\n  value: true\n});\n\nexports.default = undefined;\n\nvar _Checkbox =
require('./Checkbox');\n\nvar _Checkbox2 = _interopRequireDefault(_Checkbox);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nexports.default
= _Checkbox2.default;"","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\n\nexports.defaultUtils = undefined;\n\nexports.dateFormat = dateFormat;\n\nexports.getYear =
getYear;\n\nexports.setYear = setYear;\n\nexports.addDays = addDays;\n\nexports.addMonths =
addMonths;\n\nexports.addYears = addYears;\n\nexports.cloneDate = cloneDate;\n\nexports.cloneAsDate =
cloneAsDate;\n\nexports.getDaysInMonth = getDaysInMonth;\n\nexports.getFirstDayOfMonth =
getFirstDayOfMonth;\n\nexports.getFirstDayOfWeek = getFirstDayOfWeek;\n\nexports.getWeekArray =
getWeekArray;\n\nexports.localizedWeekday = localizedWeekday;\n\nexports.formatIso =
formatIso;\n\nexports.isEqualDate = isEqualDate;\n\nexports.isBeforeDate = isBeforeDate;\n\nexports.isAfterDate =
isAfterDate;\n\nexports.isBetweenDates = isBetweenDates;\n\nexports.monthDiff = monthDiff;\n\nexports.yearDiff =
yearDiff;\n\nvar _warning = require('warning');\n\nvar _warning2 = _interopRequireDefault(_warning);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar
dayAbbreviation = ['S', 'M', 'T', 'W', 'T', 'F', 'S'];\n\nvar dayList = ['Sun', 'Mon', 'Tue', 'Wed', 'Thu', 'Fri', 'Sat'];\n\nvar
monthList = ['Jan', 'Feb', 'Mar', 'Apr', 'May', 'Jun', 'Jul', 'Aug', 'Sep', 'Oct', 'Nov', 'Dec'];\n\nvar monthLongList =
['January', 'February', 'March', 'April', 'May', 'June', 'July', 'August', 'September', 'October', 'November',
'December'];\n\nfunction dateFormat(locale, options) {\n  process.env.NODE_ENV !== "production" ? (0,
_warning2.default)(locale === 'en-US', 'Material-UI: The ' + locale + ' locale is not supported by the built-in
DateTimeFormat.\n  Use the `DateTimeFormat` prop to supply an alternative implementation.') : void 0;\n\n  this.format = function (date) {\n    if (options.month === 'short' && options.weekday === 'short' && options.day
=== '2-digit') {\n      return dayList[date.getDay()] + ' ' + monthList[date.getMonth()] + ' ' + date.getDate();\n    }
else if (options.year === 'numeric' && options.month === 'numeric' && options.day === 'numeric') {\n      return
date.getMonth() + 1 + ' ' + date.getDate() + ' ' + date.getFullYear();\n    } else if (options.year === 'numeric' &&
options.month === 'long') {\n      return monthLongList[date.getMonth()] + ' ' + date.getFullYear();\n    } else if
(options.weekday === 'narrow') {\n      return dayAbbreviation[date.getDay()];\n    } else if (options.year ===
'numeric') {\n      return date.getFullYear().toString();\n    } else if (options.day === 'numeric') {\n      return
date.getDate();\n    } else {\n      process.env.NODE_ENV !== "production" ? (0, _warning2.default)(false,
'Material-UI: Wrong usage of DateTimeFormat') : void 0;\n    }\n  };\n}\n\nfunction getYear(d) {\n  return
d.getFullYear();\n}\n\nfunction setYear(d, year) {\n  var newDate = cloneDate(d);\n  newDate.setFullYear(year);\n  return
newDate;\n}\n\nfunction addDays(d, days) {\n  var newDate = cloneDate(d);\n  newDate.setDate(d.getDate()
+ days);\n  return newDate;\n}\n\nfunction addMonths(d, months) {\n  var newDate = cloneDate(d);\n  newDate.setMonth(d.getMonth() + months);\n  return newDate;\n}\n\nfunction addYears(d, years) {\n  var newDate
= cloneDate(d);\n  newDate.setFullYear(d.getFullYear() + years);\n  return newDate;\n}\n\nfunction cloneDate(d)
{\n  return new Date(d.getTime());\n}\n\nfunction cloneAsDate(d) {\n  var clonedDate = cloneDate(d);\n  clonedDate.setHours(0, 0, 0, 0);\n  return clonedDate;\n}\n\nfunction getDaysInMonth(d) {\n  var resultDate =
getFirstDayOfMonth(d);\n  resultDate.setMonth(resultDate.getMonth() + 1);\n  resultDate.setDate(resultDate.getDate() - 1);\n  return resultDate.getDate();\n}\n\nfunction getFirstDayOfMonth(d)
{\n  return new Date(d.getFullYear(), d.getMonth(), 1);\n}\n\nfunction getFirstDayOfWeek() {\n  var now = new
Date();\n  return new Date(now.setDate(now.getDate() - now.getDay()));\n}\n\nfunction getWeekArray(d,
firstDayOfWeek) {\n  var dayArray = [];\n  var daysInMonth = getDaysInMonth(d);\n  var weekArray = [];\n  var
week = [];\n\n  for (var i = 1; i <= daysInMonth; i++) {\n    dayArray.push(new Date(d.getFullYear(), d.getMonth(),
i));\n  }\n\n  var addWeek = function addWeek(week) {\n    var emptyDays = 7 - week.length;\n\n    for (var _i = 0;
_i < emptyDays; ++_i) {\n      week[weekArray.length ? 'push' : 'unshift'](null);\n    }\n\n    weekArray.push(week);\n  };\n\n  dayArray.forEach(function (day) {\n    if (week.length > 0 && day.getDay() ===
firstDayOfWeek) {\n      addWeek(week);\n      week = [];\n    }\n\n    week.push(day);\n\n    if
(dayArray.indexOf(day) === dayArray.length - 1) {\n      addWeek(week);\n    }\n  });\n  return

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weekArray;\n}\n\nfunction localizedWeekday(DateTimeFormat, locale, day, firstDayOfWeek) {\n var\n weekdayFormatter = new DateTimeFormat(locale, {\n weekday: 'narrow'\n });\n var firstDayDate =\n getFirstDayOfWeek();\n return weekdayFormatter.format(addDays(firstDayDate, day + firstDayOfWeek));\n} //\n\n// Convert date to ISO 8601 (YYYY-MM-DD) date string, accounting for current timezone\n\nfunction\n formatIso(date) {\n return new Date(date.toDateString() + ' 12:00:00 +0000').toISOString().substring(0,\n 10);\n}\n\nfunction isEqualDate(d1, d2) {\n return d1 && d2 && d1.getFullYear() === d2.getFullYear() &&\n d1.getMonth() === d2.getMonth() && d1.getDate() === d2.getDate();\n}\n\nfunction isBeforeDate(d1, d2) {\n var\n date1 = cloneAsDate(d1);\n var date2 = cloneAsDate(d2);\n return date1.getTime() <\n date2.getTime();\n}\n\nfunction isAfterDate(d1, d2) {\n var date1 = cloneAsDate(d1);\n var date2 =\n cloneAsDate(d2);\n return date1.getTime() > date2.getTime();\n}\n\nfunction isBetweenDates(dateToCheck,\n startDate, endDate) {\n return !isBeforeDate(dateToCheck, startDate) && !isAfterDate(dateToCheck,\n endDate);\n}\n\nfunction monthDiff(d1, d2) {\n var m = void 0;\n m = (d1.getFullYear() - d2.getFullYear()) *\n 12;\n m += d1.getMonth();\n m -= d2.getMonth();\n return m;\n}\n\nfunction yearDiff(d1, d2) {\n return\n ~~(monthDiff(d1, d2) / 12);\n}\n\nvar defaultUtils = exports.defaultUtils = {\n getYear: getYear,\n setYear:\n setYear,\n addDays: addDays,\n addMonths: addMonths,\n addYears: addYears,\n getFirstDayOfMonth:\n getFirstDayOfMonth,\n getWeekArray: getWeekArray,\n monthDiff: monthDiff\n};\n\n'use\n strict';\n\nObject.defineProperty(exports, '__esModule', {\n value: true\n});\n\nexports.default = undefined;\n\nvar\n _FlatButton = require('./FlatButton');\n\nvar\n _FlatButton2 = _interopRequireDefault(_FlatButton);\n\nfunction\n _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n }; }\n\nexports.default\n = _FlatButton2.default;\n\n'use\n strict';\n\nObject.defineProperty(exports, '__esModule', {\n value: true\n});\n\nvar\n _extends2 = require('babel-runtime/helpers/extends');\n\nvar\n _extends3 =\n _interopRequireDefault(_extends2);\n\nvar\n _objectWithoutProperties2 = require('babel-\n runtime/helpers/objectWithoutProperties');\n\nvar\n _objectWithoutProperties3 =\n _interopRequireDefault(_objectWithoutProperties2);\n\nvar\n _getPrototypeOf = require('babel-runtime/core-\n js/object/get-prototype-of');\n\nvar\n _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar\n _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar\n _classCallCheck3 =\n _interopRequireDefault(_classCallCheck2);\n\nvar\n _createClass2 = require('babel-\n runtime/helpers/createClass');\n\nvar\n _createClass3 = _interopRequireDefault(_createClass2);\n\nvar\n _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar\n _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar\n _inherits2 =\n require('babel-runtime/helpers/inherits');\n\nvar\n _inherits3 = _interopRequireDefault(_inherits2);\n\nvar\n _simpleAssign = require('simple-assign');\n\nvar\n _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar\n _react = require('react');\n\nvar\n _react2 = _interopRequireDefault(_react);\n\nvar\n _propTypes = require('prop-\n types');\n\nvar\n _propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n }; }\n\nfunction getStyles(props, context) {\n var\n tableRowColumn = context.muiTheme.tableRowColumn;\n var styles = {\n root: {\n paddingLeft:\n tableRowColumn.spacing,\n paddingRight: tableRowColumn.spacing,\n height: tableRowColumn.height,\n textAlign: 'left',\n fontSize: 13,\n overflow: 'hidden',\n whiteSpace: 'nowrap',\n textOverflow: 'ellipsis'\n }\n };\n\n if (_react2.default.Children.count(props.children) === 1 && !isNaN(props.children)) {\n styles.textAlign = 'right'; }\n\n return styles;\n}\n\nvar TableRowColumn = function (_Component) {\n (0,\n _inherits3.default)(TableRowColumn, _Component);\n\n function TableRowColumn() {\n var _ref;\n var\n _temp, _this, _ret;\n\n (0, _classCallCheck3.default)(this, TableRowColumn);\n\n for (var _len =\n arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n args[_key] = arguments[_key]; }\n\n return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref =\n TableRowColumn.__proto__ || (0, _getPrototypeOf2.default)(TableRowColumn)).call.apply(_ref,\n [this].concat(args))), _this), _this.state = {\n hovered: false\n }, _this.onClick = function (event) {\n if\n (_this.props.onClick) {\n _this.props.onClick(event, _this.props.columnNumber); }\n }\n ),\n _this.onMouseEnter = function (event) {\n if (_this.props.hoverable) {\n _this.setState({\n hovered:
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true\n    });\n\n    if (_this.props.onHover) {\n        _this.props.onHover(event, _this.props.columnNumber);\n    }\n    }, _this.onMouseLeave = function (event) {\n        if (_this.props.hoverable) {\n            _this.setState({\n                hovered: false\n            });\n\n            if (_this.props.onHoverExit) {\n                _this.props.onHoverExit(event,\n                _this.props.columnNumber);\n            }\n        }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n    }\n    (0, _createClass3.default)(TableRowColumn, [{\n        key: 'render',\n        value: function render() {\n            var\n                _props = this.props,\n                children = _props.children,\n                className = _props.className,\n                columnNumber = _props.columnNumber,\n                hoverable = _props.hoverable,\n                onClick =\n                _props.onClick,\n                onHover = _props.onHover,\n                onHoverExit = _props.onHoverExit,\n                style =\n                _props.style,\n                other = (0, _objectWithoutProperties3.default)(_props, ['children', 'className',\n                'columnNumber', 'hoverable', 'onClick', 'onHover', 'onHoverExit', 'style']);\n            var prepareStyles =\n                this.context.muiTheme.prepareStyles;\n            var styles = getStyles(this.props, this.context);\n            var handlers = {\n                onClick: this.onClick,\n                onMouseEnter: this.onMouseEnter,\n                onMouseLeave: this.onMouseLeave\n            };\n            return _react2.default.createElement('td', (0, _extends3.default)({\n                className: className,\n                style:\n                prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n            }, handlers, other), children);\n        }\n    }]);\n    return TableRowColumn;\n})(_react.Component);\n\nTableRowColumn.defaultProps = {\n    hoverable:\n    false\n};\n\nTableRowColumn.contextTypes = {\n    muiTheme:\n    _propTypes2.default.object.isRequired\n};\n\nTableRowColumn.propTypes = process.env.NODE_ENV !==\n    \"production\" ? {\n    children: _propTypes2.default.node,\n    /**\n     * The css class name of the root element.\n     */\n    className: _propTypes2.default.string,\n    /**\n     * @ignore\n     * Number to identify the header row. This\n     * property\n     * is automatically populated when used with TableHeader.\n     */\n    columnNumber:\n    _propTypes2.default.number,\n    /**\n     * @ignore\n     * If true, this column responds to hover events.\n     */\n    hoverable: _propTypes2.default.bool,\n    /**\n     * @ignore\n     * onClick: _propTypes2.default.func,\n    /**\n     * @ignore\n     */\n    onHover: _propTypes2.default.func,\n    /**\n     * @ignore\n     * Callback function for hover exit event.\n     */\n    onHoverExit: _propTypes2.default.func,\n    /**\n     * @ignore\n     * Override the inline-styles of the root element.\n     */\n    style:\n    _propTypes2.default.object\n} : {};\n\nexports.default = TableRowColumn;","use\n    strict";\n\nObject.defineProperty(exports, "__esModule", {\n    value: true\n});\n\nexports.addHours =\n    addHours;\n\nexports.addMinutes = addMinutes;\n\nexports.addSeconds = addSeconds;\n\nexports.formatTime =\n    formatTime;\n\nexports.rad2deg = rad2deg;\n\nexports.getTouchEventOffsetValues =\n    getTouchEventOffsetValues;\n\nexports.isInner = isInner;\n\nfunction addHours(d, hours) {\n    var newDate =\n    clone(d);\n    newDate.setHours(d.getHours() + hours);\n    return newDate;\n}\n\nfunction addMinutes(d, minutes) {\n    var newDate = clone(d);\n    newDate.setMinutes(d.getMinutes() + minutes);\n    return newDate;\n}\n\nfunction\n    addSeconds(d, seconds) {\n    var newDate = clone(d);\n    newDate.setSeconds(d.getMinutes() + seconds);\n    return\n    newDate;\n}\n\nfunction clone(d) {\n    return new Date(d.getTime());\n}\n\n/**\n     * @param date [Date] A Date\n     * object.\n     * @param format [String] One of 'ampm', '24hr', defaults to 'ampm'.  

     * @param pedantic [Boolean]  

     * Check time-picker/time-picker.jsx file.\n     * @return String A string representing the formatted time.\n     */\n\nfunction formatTime(date) {\n    var format = arguments.length > 1 && arguments[1] !== undefined ?\n    arguments[1] : 'ampm';\n    var pedantic = arguments.length > 2 && arguments[2] !== undefined ? arguments[2] :\n    false;\n    if (!date) return '';\n    var hours = date.getHours();\n    var mins = date.getMinutes().toString();\n\n    if (format\n    === 'ampm') {\n        var isAM = hours < 12;\n        hours = hours % 12;\n        var additional = isAM ? 'am' : 'pm';\n        hours = (hours || 12).toString();\n        if (mins.length < 2) mins = '0' + mins;\n\n        if (pedantic) {\n            // Treat\n            midday/midnight specially http://www.nist.gov/pml/div688/times.cfm\n            if (hours === '12' && mins === '00') {\n                return additional === 'pm' ? '12 noon' : '12 midnight';\n            }\n        }\n        return hours + (mins === '00' ? '' : ':' +\n        mins) + additional;\n    }\n    hours = hours.toString();\n    if (hours.length < 2) hours = '0' + hours;\n    if (mins.length <\n    2) mins = '0' + mins;\n    return hours + ':' + mins;\n}\n\nfunction rad2deg(rad) {\n    return rad *\n    57.29577951308232;\n}\n\nfunction getTouchEventOffsetValues(event) {\n    var el = event.target;\n    var\n    boundingRect = el.getBoundingClientRect();\n    return {\n        offsetX: event.clientX - boundingRect.left,\n        offsetY:\n        event.clientY - boundingRect.top\n    };\n}\n\nfunction isInner(props) {\n    if (props.type !== 'hour') {\n        return\n        false;\n    }\n    return props.value < 1 || props.value > 12;\n}","var baseAssignValue =

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require('./_baseAssignValue'),\n  eq = require('./eq');\n/** Used for built-in method references. */\n\nvar\n  objectProto = Object.prototype;\n/** Used to check objects for own properties. */\n\nvar hasOwnProperty =\n  objectProto.hasOwnProperty;\n/**\n * Assigns `value` to `key` of `object` if the existing value is not equivalent\n * using [`SameValueZero`](http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero)\n * for equality comparisons.\n *\n * @private\n * @param {Object} object The object to modify.\n * @param {string} key The key of the property to assign.\n * @param {*} value The value to assign.\n */\n\nfunction assignValue(object, key,\n  value) {\n  var objValue = object[key];\n  if (!(hasOwnProperty.call(object, key) && eq(objValue, value)) ||\n    value === undefined && !(key in object)) {\n    baseAssignValue(object, key, value);\n  }\n}\n\nmodule.exports =\n  assignValue;\n\nvar\n  defineProperty = require('./_defineProperty');\n/**\n * The base implementation of `assignValue` and `assignMergeValue` without\n * value checks.\n *\n * @private\n * @param {Object} object The object to modify.\n * @param {string} key The key of the property to assign.\n * @param {*} value The value to assign.\n */\n\nfunction baseAssignValue(object, key, value) {\n  if (key == '__proto__' && defineProperty) {\n    defineProperty(object, key, {\n      'configurable': true,\n      'enumerable': true,\n      'value': value,\n      'writable': true\n    });\n  } else {\n    object[key] = value;\n  }\n}\n\nmodule.exports = baseAssignValue;\n\nvar\n  eq = require('./eq'),\n  isArrayLike = require('./isArrayLike'),\n  isIndex = require('./_isIndex'),\n  isObject = require('./isObject');\n/**\n * Checks if the given arguments are from an iteratee call.\n *\n * @private\n * @param {*} value The potential iteratee value argument.\n * @param {*} index The potential iteratee index or key argument.\n * @param {*} object The potential iteratee object argument.\n * @returns {boolean} Returns `true` if the arguments are from an iteratee call,\n * else `false`.\n */\n\nfunction isIterateeCall(value, index, object) {\n  if (!isObject(object)) {\n    return false;\n  }\n  var type = typeof index;\n  if (type == 'number' ?\n    isArrayLike(object) && isIndex(index, object.length) : type == 'string' &&\n    index in object) {\n    return eq(object[index], value);\n  }\n  return false;\n}\n\nmodule.exports = isIterateeCall;\n\nvar\n  isFunction = require('./isFunction'),\n  isLength = require('./isLength');\n/**\n * Checks if `value` is array-like. A value is considered array-like if it's\n * not a function and has a `value.length` that's an integer greater than or\n * equal to `0` and less than or equal to `Number.MAX_SAFE_INTEGER`.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is array-like, else `false`.\n * @example\n * _._isArrayLike([1, 2, 3]);\n * // => true\n * _._isArrayLike(document.body.children);\n * // => true\n * _._isArrayLike('abc');\n * // => true\n * _._isArrayLike(_noop);\n * // => false\n */\n\nfunction isArrayLike(value) {\n  return value != null && isLength(value.length) && !isFunction(value);\n}\n\nmodule.exports = isArrayLike;\n\nvar\n  stubFalse = require('./stubFalse');\n/**\n * Detect free variable `exports`.\n *\n * @private\n * @var freeExports = typeof exports == 'object' && exports && !exports.nodeType &&\n * exports;\n * @var freeModule = freeExports && typeof module == 'object' && module && !module.nodeType &&\n * module;\n * Detect the popular CommonJS extension `module.exports`.\n *\n * @private\n * @var moduleExports = freeModule && freeModule.exports === freeExports;\n */\n\n/**\n * Built-in value references.\n *\n * @private\n * @var Buffer = moduleExports ? root.Buffer : undefined;\n * Built-in method references for those with the same name as other `lodash` methods.\n *\n * @private\n * @var nativeIsBuffer = Buffer ? Buffer.isBuffer : undefined;\n */\n\n/**\n * Checks if `value` is a buffer.\n *\n * @static\n * @memberOf _\n * @since 4.3.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is a buffer, else `false`.\n * @example\n * _._isBuffer(new Buffer(2));\n * // => true\n * _._isBuffer(new Uint8Array(2));\n * // => false\n */\n\nvar isBuffer = nativeIsBuffer || stubFalse;\n\nmodule.exports = isBuffer;\n\nvar\n  castPath = require('./_castPath'),\n  toKey = require('./_toKey');\n/**\n * The base implementation of `_.get` without support for default values.\n *\n * @private\n * @param {Object} object The object to query.\n * @param {Array|string} path The path of the property to get.\n * @returns {*} Returns the resolved value.\n */\n\nfunction baseGet(object, path) {\n  path = castPath(path, object);\n  var index = 0,\n      length = path.length;\n  while (object != null && index < length) {\n    object = object[toKey(path[index++])];\n  }\n  return index && index == length ? object : undefined;\n}\n\nmodule.exports = baseGet;\n\nvar\n  DataView = require('./_DataView'),\n  Map = require('./_Map'),\n  Promise = require('./_Promise'),\n  Set = require('./_Set'),\n  WeakMap = require('./_WeakMap'),\n  baseGetTag = require('./_baseGetTag'),\n  toSource =

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require('./_toSource');\n/** `Object#toString` result references. *\n\n\nvar mapTag = '[object Map]',\n    objectTag = '[object Object]',\n    promiseTag = '[object Promise]',\n    setTag = '[object Set]',\n    weakMapTag = '[object WeakMap]';\nvar dataViewTag = '[object DataView]';\n/** Used to detect maps, sets, and weakmaps. *\n\n\nvar dataViewCtorString = toSource(DataView),\n    mapCtorString = toSource(Map),\n    promiseCtorString = toSource(Promise),\n    setCtorString = toSource(Set),\n    weakMapCtorString = toSource(WeakMap);\n/**\n * Gets the `toStringTag` of `value`.\n * *\n * @private\n * @param {*} value The value to query.\n * @returns {string}\n * Returns the `toStringTag`.\n * *\n\n\nvar getTag = baseGetTag; // Fallback for data views, maps, sets, and weak maps in IE 11 and promises in Node.js < 6.\n\n\nif (DataView && getTag(new DataView(new ArrayBuffer(1))) != dataViewTag || Map && getTag(new Map()) != mapTag || Promise && getTag(Promise.resolve()) != promiseTag || Set && getTag(new Set()) != setTag || WeakMap && getTag(new WeakMap()) != weakMapTag) {\n    getTag = function getTag(value) {\n        var result = baseGetTag(value),\n            Ctor = result == objectTag ? value.constructor : undefined,\n            ctorString = Ctor ? toSource(Ctor) : '';\n\n        if (ctorString) {\n            switch (ctorString) {\n                case dataViewCtorString:\n                    return dataViewTag;\n                case mapCtorString:\n                    return mapTag;\n                case promiseCtorString:\n                    return promiseTag;\n                case setCtorString:\n                    return setTag;\n                case weakMapCtorString:\n                    return weakMapTag;\n            }\n        }\n\n        return result;\n    };}\n\n\nmodule.exports = getTag;","var assignValue = require('./_assignValue'),\n    castPath = require('./_castPath'),\n    isIndex = require('./_isIndex'),\n    isObject = require('./isObject'),\n    toKey = require('./_toKey');\n/**\n * The base implementation of `_.set`.\n * *\n * @private\n * @param {Object} object The object to modify.\n * @param {Array|string} path The path of the property to set.\n * @param {*} value The value to set.\n * @param {Function} [customizer] The function to customize path creation.\n * @returns {Object} Returns `object`.\n * *\n\n\nfunction baseSet(object, path, value, customizer) {\n    if (!isObject(object)) {\n        return object;\n    }\n\n    path = castPath(path, object);\n    var index = -1,\n        length = path.length,\n        lastIndex = length - 1,\n        nested = object;\n\n    while (nested != null && ++index < length) {\n        var key = toKey(path[index]),\n            newValue = value;\n\n        if (index != lastIndex) {\n            var objValue = nested[key];\n            newValue = customizer ? customizer(objValue, key, nested) : undefined;\n\n            if (newValue === undefined) {\n                newValue = isObject(objValue) ? objValue : isIndex(path[index + 1]) ? [] : {};\n            }\n\n            assignValue(nested, key, newValue);\n            nested = nested[key];\n        }\n\n        return object;\n    }\n\n    module.exports = baseSet;","var SetCache = require('./_SetCache'),\n    arrayIncludes = require('./_arrayIncludes'),\n    arrayIncludesWith = require('./_arrayIncludesWith'),\n    arrayMap = require('./_arrayMap'),\n    baseUnary = require('./_baseUnary'),\n    cacheHas = require('./_cacheHas');\n/** Used as the size to enable large array optimizations. *\n\n\nvar LARGE_ARRAY_SIZE = 200;\n/**\n * The base implementation of methods like `_.difference` without support\n * for excluding multiple arrays or iteratee shorthands.\n * *\n * @private\n * @param {Array} array The array to inspect.\n * @param {Array} values The values to exclude.\n * @param {Function} [iteratee] The iteratee invoked per element.\n * @param {Function} [comparator] The comparator invoked per element.\n * @returns {Array} Returns the new array of filtered values.\n * *\n\n\nfunction baseDifference(array, values, iteratee, comparator) {\n    var index = -1,\n        includes = arrayIncludes,\n        isCommon = true,\n        length = array.length,\n        result = [],\n        valuesLength = values.length;\n\n    if (!length) {\n        return result;\n    }\n\n    if (iteratee) {\n        values = arrayMap(values, baseUnary(iteratee));\n    }\n\n    if (comparator) {\n        includes = arrayIncludesWith;\n        isCommon = false;\n    } else if (values.length >= LARGE_ARRAY_SIZE) {\n        includes = cacheHas;\n        isCommon = false;\n        values = new SetCache(values);\n    }\n\n    outer: while (++index < length) {\n        var value = array[index],\n            computed = iteratee == null ? value : iteratee(value);\n\n        value = comparator || value !== 0 ? value : 0;\n\n        if (isCommon && computed === computed) {\n            var valuesIndex = valuesLength;\n\n            while (valuesIndex--) {\n                if (values[valuesIndex] === computed) {\n                    continue outer;\n                }\n            }\n\n            result.push(value);\n        } else if (!includes(values, computed, comparator)) {\n            result.push(value);\n        }\n    }\n\n    return result;\n}\n\n\nmodule.exports = baseDifference;","import baseIsEqual from './_baseIsEqual.js';\n/**\n * This method is like `_.isEqual` except that it accepts `customizer` which\n * is invoked to compare values. If `customizer` returns `undefined`, comparisons\n * are handled by the method instead. The `customizer` is invoked with up to\n * six arguments: (objValue, othValue [, index|key, object, other, stack]).\n * *\n * @static\n * @memberOf _\n * @since

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4.0.0\n * @category Lang\n * @param {*} value The value to compare.\n * @param {*} other The other value to
compare.\n * @param {Function} [customizer] The function to customize comparisons.\n * @returns {boolean}
Returns `true` if the values are equivalent, else `false`.\n * @example\n *\n * function isGreeting(value) {\n
return /^(?:i|ello)$/.test(value);\n * }\n *\n * function customizer(objValue, othValue) {\n *   if
(isGreeting(objValue) && isGreeting(othValue)) {\n *     return true;\n *   }\n * }\n *\n * var array = ['hello',
'goodbye'];\n * var other = ['hi', 'goodbye'];\n *\n * _isEqualWith(array, other, customizer);\n * // => true\n
*\n\nfunction isEqualWith(value, other, customizer) {\n  customizer = typeof customizer === 'function' ? customizer
: undefined;\n  var result = customizer ? customizer(value, other) : undefined;\n  return result === undefined ?
baseIsEqual(value, other, undefined, customizer) : !!result;\n}\n\nexport default isEqualWith;","import baseFor
from './_baseFor.js';\nimport keys from './keys.js';\n/**\n * The base implementation of `_.forOwn` without support
for iteratee shorthands.\n *\n * @private\n * @param {Object} object The object to iterate over.\n * @param
{Function} iteratee The function invoked per iteration.\n * @returns {Object} Returns `object`.\n *\n\nfunction
baseForOwn(object, iteratee) {\n  return object && baseFor(object, iteratee, keys);\n}\n\nexport default
baseForOwn;","import Stack from './_Stack.js';\nimport baseIsEqual from './_baseIsEqual.js';\n/** Used to compose
bitmasks for value comparisons. *\n\nvar COMPARE_PARTIAL_FLAG = 1,\n    COMPARE_UNORDERED_FLAG = 2;\n/**\n * The base implementation of `_.isMatch` without support for
iteratee shorthands.\n *\n * @private\n * @param {Object} object The object to inspect.\n * @param {Object}
source The object of property values to match.\n * @param {Array} matchData The property names, values, and
compare flags to match.\n * @param {Function} [customizer] The function to customize comparisons.\n * @returns
{boolean} Returns `true` if `object` is a match, else `false`.\n *\n\nfunction baseIsMatch(object, source, matchData,
customizer) {\n  var index = matchData.length,\n      length = index,\n      noCustomizer = !customizer;\n\n  if
(object == null) {\n    return !length;\n  }\n\n  object = Object(object);\n\n  while (index--) {\n    var data =
matchData[index];\n\n    if (noCustomizer && data[2] ? data[1] !== object[data[0]] : !(data[0] in object)) {\n
return false;\n    }\n  }\n\n  while (++index < length) {\n    data = matchData[index];\n    var key = data[0],\n
objValue = object[key],\n        srcValue = data[1];\n\n    if (noCustomizer && data[2]) {\n      if (objValue ===
undefined && !(key in object)) {\n        return false;\n      }\n    } else {\n      var stack = new Stack();\n      if
(customizer) {\n        var result = customizer(objValue, srcValue, key, object, source, stack);\n      }\n      if
(!!(result === undefined ? baseIsEqual(srcValue, objValue, COMPARE_PARTIAL_FLAG |
COMPARE_UNORDERED_FLAG, customizer, stack) : result)) {\n        return false;\n      }\n    }\n  }\n\n  return
true;\n}\n\nexport default baseIsMatch;","import isObject from './isObject.js';\n/**\n * Checks if `value` is suitable
for strict equality comparisons, i.e. `===`.\n *\n * @private\n * @param {*} value The value to check.\n * @returns
{boolean} Returns `true` if `value` is suitable for strict\n * equality comparisons, else `false`.\n *\n\nfunction
isStrictComparable(value) {\n  return value === value && !isObject(value);\n}\n\nexport default
isStrictComparable;","import isStrictComparable from './_isStrictComparable.js';\nimport keys from
 './keys.js';\n/**\n * Gets the property names, values, and compare flags of `object`.\n *\n * @private\n * @param
{Object} object The object to query.\n * @returns {Array} Returns the match data of `object`.\n *\n\nfunction
getMatchData(object) {\n  var result = keys(object),\n      length = result.length;\n\n  while (length--) {\n    var key =
result[length],\n        value = object[key];\n    result[length] = [key, value, isStrictComparable(value)];\n  }\n\n
return result;\n}\n\nexport default getMatchData;","/**\n * A specialized version of `matchesProperty` for source
values suitable\n * for strict equality comparisons, i.e. `===`.\n *\n * @private\n * @param {string} key The key of
the property to get.\n * @param {*} srcValue The value to match.\n * @returns {Function} Returns the new spec
function.\n *\n\nfunction matchesStrictComparable(key, srcValue) {\n  return function (object) {\n    if (object ==
null) {\n      return false;\n    }\n\n    return object[key] === srcValue && (srcValue !== undefined || key in
Object(object));\n  };\n}\n\nexport default matchesStrictComparable;","import baseIsMatch from
 './_baseIsMatch.js';\nimport getMatchData from './_getMatchData.js';\nimport matchesStrictComparable from
 './_matchesStrictComparable.js';\n/**\n * The base implementation of `_.matches` which doesn't clone `source`.\n
*\n * @private\n * @param {Object} source The object of property values to match.\n * @returns {Function}
Returns the new spec function.\n *\n\nfunction baseMatches(source) {\n  var matchData =

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getMatchData(source);\n\n if (matchData.length === 1 && matchData[0][2]) {\n  return
matchesStrictComparable(matchData[0][0], matchData[0][1]);\n };\n\n return function (object) {\n  return object
=== source || baseIsMatch(object, source, matchData);\n };;\n\n\nexport default baseMatches;";\n\nimport isArray
from './isArray.js';\nimport isSymbol from './isSymbol.js';\n\n/** Used to match property names within property paths.
*\n\nvar reIsDeepProp = /^(?:[^\[\]]*(\[["'])(?!(?!)[^\[\]]*\1)\1)/,\n  reIsPlainProp = /^[^w*$]/;\n\n/**\n * Checks if `value` is a property name and not a property path.\n *\n * @private\n * @param {*} value The value to
check.\n *\n * @param {Object} [object] The object to query keys on.\n *\n * @returns {boolean} Returns `true` if `value`
is a property name, else `false`.\n *\n */\nfunction isKey(value, object) {\n  if (isArray(value)) {\n    return false;\n
}\n\n  var type = typeof value;\n\n  if (type === 'number' || type === 'symbol' || type === 'boolean' || value === null ||
isSymbol(value)) {\n    return true;\n  }\n\n  return reIsPlainProp.test(value) || !reIsDeepProp.test(value) || object !=
null && value in Object(object);\n}\n\n\nexport default isKey;";\n\nimport isArray from './isArray.js';\nimport isKey
from './isKey.js';\nimport stringToPath from './_stringToPath.js';\nimport toString from './toString.js';\n\n/**\n *
Casts `value` to a path array if it's not one.\n *\n * @private\n * @param {*} value The value to inspect.\n *\n *
@param {Object} [object] The object to query keys on.\n *\n * @returns {Array} Returns the cast property path
array.\n *\n */\nfunction castPath(value, object) {\n  if (isArray(value)) {\n    return value;\n  }\n\n  return
isKey(value, object) ? [value] : stringToPath(toString(value));\n}\n\n\nexport default castPath;";\n\nimport castPath from
 './_castPath.js';\nimport toKey from './_toKey.js';\n\n/**\n * The base implementation of `_.get` without support for
default values.\n *\n * @private\n * @param {Object} object The object to query.\n *\n * @param {Array|string} path
The path of the property to get.\n *\n * @returns {*} Returns the resolved value.\n *\n */\nfunction baseGet(object, path)
{\n  path = castPath(path, object);\n  var index = 0,\n      length = path.length;\n\n  while (object != null && index <
length) {\n    object = object[toKey(path[index++])];\n  }\n\n  return index && index === length ? object :
undefined;\n}\n\n\nexport default baseGet;";\n\nimport baseGet from './_baseGet.js';\n\n/**\n * Gets the value at `path` of
`object`. If the resolved value is `undefined`, the `defaultValue` is returned in its place.\n *\n * @static\n *
@memberOf _\n * @since 3.7.0\n * @category Object\n * @param {Object} object The object to query.\n *\n * @param {Array|string} path
The path of the property to get.\n *\n * @param {*} [defaultValue] The value returned for `undefined` resolved values.\n *
@returns {*} Returns the resolved value.\n *\n * @example\n *\n * var object = { 'a':\n *   [{ 'b': { 'c': 3 } } ]};\n *
_.get(object, 'a[0].b.c');\n * // => 3\n *
_.get(object, ['a', '0', 'b', 'c']);\n * // => 3\n *
_.get(object, 'a.b.c', 'default');\n * // => 'default'\n *\n */\nfunction get(object, path, defaultValue) {\n  var result =
object == null ? undefined : baseGet(object, path);\n  return result === undefined ? defaultValue :
result;\n}\n\n\nexport default get;";\n\n\n/**\n * The base implementation of `_.hasIn` without support for deep paths.\n *
*\n * @private\n * @param {Object} [object] The object to query.\n *\n * @param {Array|string} key The key to
check.\n *\n * @returns {boolean} Returns `true` if `key` exists, else `false`.\n *\n */\nfunction baseHasIn(object, key) {\n
return object != null && key in Object(object);\n}\n\n\nexport default baseHasIn;";\n\nimport castPath from
 './_castPath.js';\nimport isArguments from './isArguments.js';\nimport isArray from './isArray.js';\nimport isIndex
from './isIndex.js';\nimport isLength from './isLength.js';\nimport toKey from './_toKey.js';\n\n/**\n * Checks if
`path` exists on `object`.\n *\n * @private\n * @param {Object} object The object to query.\n *\n * @param
{Array|string} path The path to check.\n *\n * @param {Function} hasFunc The function to check properties.\n *\n *
@returns {boolean} Returns `true` if `path` exists, else `false`.\n *\n */\nfunction hasPath(object, path, hasFunc) {\n
path = castPath(path, object);\n  var index = -1,\n      length = path.length,\n      result = false;\n\n  while (++index <
length) {\n    var key = toKey(path[index]);\n\n    if (!(result = object != null && hasFunc(object, key))) {\n
break;\n    }\n\n    object = object[key];\n  }\n\n  if (result || ++index != length) {\n    return result;\n  }\n\n  length =
object == null ? 0 : object.length;\n  return !!length && isLength(length) && isIndex(key, length) &&
(isArray(object) || isArguments(object));\n}\n\n\nexport default hasPath;";\n\nimport baseHasIn from
 './_baseHasIn.js';\nimport hasPath from './_hasPath.js';\n\n/**\n * Checks if `path` is a direct or inherited property of
`object`.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Object\n * @param {Object} object
The object to query.\n *\n * @param {Array|string} path The path to check.\n *\n * @returns {boolean} Returns `true` if
`path` exists, else `false`.\n *\n * @example\n *\n * var object = _create({ 'a': _create({ 'b': 2 }) });\n *
_.hasIn(object, 'a');\n * // => true\n *
_.hasIn(object, 'a.b');\n * // => true\n *
_.hasIn(object, ['a', 'b']);\n * //

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=> true\n * \n * _hasIn(object, 'b');\n * // => false\n * \n\nfunction hasIn(object, path) {\n  return object != null &&
hasPath(object, path, baseHasIn);\n}\n\nexport default hasIn;","import baseIsEqual from './baseIsEqual.js';\nimport
get from './get.js';\nimport hasIn from './hasIn.js';\nimport isKey from './isKey.js';\nimport isStrictComparable from
 './_isStrictComparable.js';\nimport matchesStrictComparable from './_matchesStrictComparable.js';\nimport toKey
from './_toKey.js';\n/** Used to compose bitmasks for value comparisons. *\n\nvar COMPARE_PARTIAL_FLAG
= 1,\n  COMPARE_UNORDERED_FLAG = 2;\n/**\n * The base implementation of `_.matchesProperty` which
doesn't clone `srcValue`.\n * \n * @private\n * @param {string} path The path of the property to get.\n * @param
{*} srcValue The value to match.\n * @returns {Function} Returns the new spec function.\n * \n\nfunction
baseMatchesProperty(path, srcValue) {\n  if (isKey(path) && isStrictComparable(srcValue)) {\n    return
matchesStrictComparable(toKey(path), srcValue);\n  }\n\n  return function (object) {\n    var objValue = get(object,
path);\n    return objValue === undefined && objValue === srcValue ? hasIn(object, path) : baseIsEqual(srcValue,
objValue, COMPARE_PARTIAL_FLAG | COMPARE_UNORDERED_FLAG);\n  };\n}\n\nexport default
baseMatchesProperty;","/**\n * The base implementation of `_.property` without support for deep paths.\n * \n *
@private\n * @param {string} key The key of the property to get.\n * @returns {Function} Returns the new
accessor function.\n * \n\nfunction baseProperty(key) {\n  return function (object) {\n    return object == null ?
undefined : object[key];\n  };\n}\n\nexport default baseProperty;","import baseGet from './baseGet.js';\n/**\n * A
specialized version of `baseProperty` which supports deep paths.\n * \n * @private\n * @param {Array|string} path
The path of the property to get.\n * @returns {Function} Returns the new accessor function.\n * \n\nfunction
basePropertyDeep(path) {\n  return function (object) {\n    return baseGet(object, path);\n  };\n}\n\nexport default
basePropertyDeep;","import baseProperty from './_baseProperty.js';\nimport basePropertyDeep from
 './_basePropertyDeep.js';\nimport isKey from './isKey.js';\nimport toKey from './_toKey.js';\n/**\n * Creates a
function that returns the value at `path` of a given object.\n * \n * @static\n * @memberOf _\n * @since 2.4.0\n *
@category Util\n * @param {Array|string} path The path of the property to get.\n * @returns {Function} Returns
the new accessor function.\n * @example\n * \n * var objects = [\n *   { 'a': { 'b': 2 } },\n *   { 'a': { 'b': 1 } }\n * ];\n *
\n * _map(objects, _property('a.b'));\n * // => [2, 1]\n * \n * _map(_sortBy(objects, _property(['a', 'b'])), 'a.b');\n *
// => [1, 2]\n * \n\nfunction property(path) {\n  return isKey(path) ? baseProperty(toKey(path)) :
basePropertyDeep(path);\n}\n\nexport default property;","import baseMatches from './_baseMatches.js';\nimport
baseMatchesProperty from './_baseMatchesProperty.js';\nimport identity from './identity.js';\nimport isArray from
 './isArray.js';\nimport property from './property.js';\n/**\n * The base implementation of `_.iteratee`.\n * \n *
@private\n * @param {*} [value=_identity] The value to convert to an iteratee.\n * @returns {Function} Returns
the iteratee.\n * \n\nfunction baseIteratee(value) {\n  // Don't store the `typeof` result in a variable to avoid a JIT bug
in Safari 9.\n  // See https://bugs.webkit.org/show_bug.cgi?id=156034 for more details.\n  if (typeof value ==
'function') {\n    return value;\n  }\n\n  if (value == null) {\n    return identity;\n  }\n\n  if (typeof value == 'object')
{\n    return isArray(value) ? baseMatchesProperty(value[0], value[1]) : baseMatches(value);\n  }\n\n  return
property(value);\n}\n\nexport default baseIteratee;","import baseAssignValue from './_baseAssignValue.js';\nimport
baseForOwn from './_baseForOwn.js';\nimport baseIteratee from './_baseIteratee.js';\n/**\n * Creates an object with
the same keys as `object` and values generated\n * by running each own enumerable string keyed property of
`object` thru\n * `iteratee`. The iteratee is invoked with three arguments:\n * (value, key, object).\n * \n *
@static\n * @memberOf _\n * @since 2.4.0\n * @category Object\n * @param {Object} object The object to iterate over.\n *
@param {Function} [iteratee=_identity] The function invoked per iteration.\n * @returns {Object} Returns the new
mapped object.\n * @see _mapKeys\n * @example\n * \n * var users = {\n *   'fred': { 'user': 'fred', 'age': 40 },\n *
  'pebbles': { 'user': 'pebbles', 'age': 1 }\n * };\n * \n * _mapValues(users, function(o) { return o.age; });\n * // => {
'fred': 40, 'pebbles': 1 } (iteration order is not guaranteed)\n * \n * // The `_.property` iteratee shorthand.\n *
\n * _mapValues(users, 'age');\n * // => { 'fred': 40, 'pebbles': 1 } (iteration order is not guaranteed)\n * \n\nfunction
mapValues(object, iteratee) {\n  var result = {};\n  iteratee = baseIteratee(iteratee, 3);\n  baseForOwn(object,
function (value, key, object) {\n    baseAssignValue(result, key, iteratee(value, key, object));\n  });\n  return
result;\n}\n\nexport default mapValues;","use strict;\n\nvar _slicedToArray =
require(\"/Users/jamesbloom/git/mockserver/mockserver-

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ui/node_modules/@babel/runtime/helpers/slicedToArray");\n\nvar strictUriEncode = require('strict-uri-
encode');\n\nvar decodeComponent = require('decode-uri-component');\n\nfunction
encoderForArrayFormat(options) {\n  switch (options.arrayFormat) {\n    case 'index':\n      return function (key,
value, index) {\n        return value === null ? [encode(key, options), '[', index, ']', join("") : [encode(key, options), '[',
encode(index, options), ']', encode(value, options)].join("");\n      };\n    case 'bracket':\n      return function (key,
value) {\n        return value === null ? [encode(key, options), '[]'].join("") : [encode(key, options), '[]=', encode(value,
options)].join("");\n      };\n    default:\n      return function (key, value) {\n        return value === null ? encode(key,
options) : [encode(key, options), '=', encode(value, options)].join("");\n      };\n  }\n}\n\nfunction
parserForArrayFormat(options) {\n  var result;\n  switch (options.arrayFormat) {\n    case 'index':\n      return
function (key, value, accumulator) {\n        result = /\[\[\d*\]\]/.exec(key);\n        key = key.replace(/\[\[\d*\]\]/,
");\n        if (!result) {\n          accumulator[key] = value;\n          return;\n        }\n        if (accumulator[key] ===
undefined) {\n          accumulator[key] = {};\n        }\n        accumulator[key][result[1]] = value;\n      };\n    case
'bracket':\n      return function (key, value, accumulator) {\n        result = /\[\[\]\]/.exec(key);\n        key =
key.replace(/\[\[\]\]/, ");\n        if (!result) {\n          accumulator[key] = value;\n          return;\n        }\n        if
(accumulator[key] === undefined) {\n          accumulator[key] = [value];\n          return;\n        }\n        accumulator[key] = [].concat(accumulator[key], value);\n      };\n    default:\n      return function (key, value,
accumulator) {\n        if (accumulator[key] === undefined) {\n          accumulator[key] = value;\n          return;\n
        }\n        accumulator[key] = [].concat(accumulator[key], value);\n      };\n  }\n}\n\nfunction encode(value, options)
{\n  if (options.encode) {\n    return options.strict ? strictUriEncode(value) : encodeURIComponent(value);\n  }\n  return value;\n}\n\nfunction decode(value, options) {\n  if (options.decode) {\n    return decodeComponent(value);\n
  }\n  return value;\n}\n\nfunction keysSorter(input) {\n  if (Array.isArray(input)) {\n    return input.sort();\n  }\n  if (typeof input === 'object') {\n    return keysSorter(Object.keys(input)).sort(function (a, b) {\n    return Number(a)
- Number(b);\n  }).map(function (key) {\n    return input[key];\n  });\n}\n\nreturn input;\n}\n\nfunction
extract(input) {\n  var queryStart = input.indexOf('?');\n  if (queryStart === -1) {\n    return "";\n  }\n  return
input.slice(queryStart + 1);\n}\n\nfunction parse(input, options) {\n  options = Object.assign({\n    decode: true,\n    arrayFormat: 'none'\n  }, options);\n  var formatter = parserForArrayFormat(options); // Create an object with no
prototype\n  var ret = Object.create(null);\n  if (typeof input !== 'string') {\n    return ret;\n  }\n  input =
input.trim().replace(/^[?#&]/, "");\n  if (!input) {\n    return ret;\n  }\n  var _iteratorNormalCompletion = true;\n  var _didIteratorError = false;\n  var _iteratorError = undefined;\n  try {\n    for (var _iterator =
input.split('&')[Symbol.iterator](), _step; !_iteratorNormalCompletion = (_step = _iterator.next()).done);
_iteratorNormalCompletion = true) {\n      var param = _step.value;\n      var _param$replace$split =
param.replace(/\+/g, ' ').split('=');\n      _param$replace$split2 = _slicedToArray(_param$replace$split, 2);\n      key = _param$replace$split2[0],\n      value = _param$replace$split2[1]; // Missing `=` should be `null`:n //
http://w3.org/TR/2012/WD-url-20120524/#collect-url-parameters\n      value = value === undefined ? null :
decode(value, options);\n      formatter(decode(key, options), value, ret);\n    } catch (err) {\n      _didIteratorError
= true;\n      _iteratorError = err;\n    } finally {\n      try {\n        if (!_iteratorNormalCompletion && _iterator.return !==
null) {\n          _iterator.return();\n        }\n      } finally {\n        if (_didIteratorError) {\n          throw _iteratorError;\n
        }\n      }\n    }\n  }\n  return Object.keys(ret).sort().reduce(function (result, key) {\n    var value = ret[key];\n    if
(Boolean(value) && typeof value === 'object' && !Array.isArray(value)) {\n      // Sort object keys, not values\n      result[key] = keysSorter(value);\n    } else {\n      result[key] = value;\n    }\n  },
Object.create(null));\n}\n\nexports.extract = extract;\nexports.parse = parse;\n\nexports.stringify = function (obj,
options) {\n  if (!obj) {\n    return "";\n  }\n  options = Object.assign({\n    encode: true,\n    strict: true,\n    arrayFormat: 'none'\n  }, options);\n  var formatter = encoderForArrayFormat(options);\n  var keys =
Object.keys(obj);\n  if (options.sort !== false) {\n    keys.sort(options.sort);\n  }\n  return keys.map(function
(key) {\n    var value = obj[key];\n    if (value === undefined) {\n      return "";\n    }\n    if (value === null) {\n      return encode(key, options);\n    }\n    if (Array.isArray(value)) {\n      var result = [];\n      var
_iteratorNormalCompletion2 = true;\n      var _didIteratorError2 = false;\n      var _iteratorError2 = undefined;\n      try {\n        for (var _iterator2 = value.slice()[Symbol.iterator](), _step2; !_iteratorNormalCompletion2 = (_step2 =

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_iterator2.next()).done); _iteratorNormalCompletion2 = true) {\n      var value2 = _step2.value;\n      if\n      (value2 === undefined) {\n        continue;\n      }\n      result.push(formatter(key, value2, result.length));\n    }\n  } catch (err) {\n    _didIteratorError2 = true;\n    _iteratorError2 = err;\n  } finally {\n    try {\n      if (!_iteratorNormalCompletion2 && _iterator2.return !== null) {\n        _iterator2.return();\n      }\n    }\n    finally {\n      if (_didIteratorError2) {\n        throw _iteratorError2;\n      }\n    }\n  }\n  return\n  result.join('&');\n }\n\n return encode(key, options) + '=' + encode(value, options);\n }).filter(function (x) {\n  return x.length > 0;\n }).join('&');\n};\n\nexports.parseUrl = function (input, options) {\n  var hashStart =\n  input.indexOf('#');\n  if (hashStart !== -1) {\n    input = input.slice(0, hashStart);\n  }\n  return {\n    url:\n    input.split('?')[0] || "",\n    query: parse(extract(input), options)\n  };};\n\n;"module.exports = true;";\n\nvar id = 0;\n\nvar px\n= Math.random();\n\nmodule.exports = function (key) {\n  return 'Symbol('.concat(key === undefined ? " : key, '_'\n, (++id + px).toString(36));\n};\n\n;"exports.f = { }.propertyIsEnumerable;";\n\n"use strict";\n\nvar $at = require('./_string-\nat')(true); // 21.1.3.27 String.prototype[@@iterator]()\n\nrequire('./_iter-define')(String, 'String', function (iterated)\n{\n  this._t = String(iterated); // target\n  this._i = 0; // next index\n  // 21.1.5.2.1\n  %StringIteratorPrototype%.next()\n}, function () {\n  var O = this._t;\n  var index = this._i;\n  var point;\n  if (index\n  >= O.length) return {\n    value: undefined,\n    done: true\n  }; \n  point = $at(O, index);\n  this._i += point.length;\n  return {\n    value: point,\n    done: false\n  };});\n\n;"use strict";\n\nObject.defineProperty(exports, "__esModule",\n{\n  value: true\n});\n\nexports.default = {\n  once: function once(el, type, callback) {\n    var typeArray = type ?\n    type.split(' ') : [];\n    var recursiveFunction = function recursiveFunction(event) {\n      event.target.removeEventListener(event.type, recursiveFunction);\n      return callback(event);\n    }; \n    for (var i\n    = typeArray.length - 1; i >= 0; i--) {\n      this.on(el, typeArray[i], recursiveFunction);\n    }\n  }, \n  on: function\n  on(el, type, callback) {\n    if (el.addEventListener) {\n      el.addEventListener(type, callback);\n    } else {\n      //\n      IE8+ Support\n      el.attachEvent('on' + type, function () {\n        callback.call(el);\n      });\n    }\n  }, \n  off: function\n  off(el, type, callback) {\n    if (el.removeEventListener) {\n      el.removeEventListener(type, callback);\n    } else\n    {\n      // IE8+ Support\n      el.detachEvent('on' + type, callback);\n    }\n  }, \n  isKeyboard: function\n  isKeyboard(event) {\n    return ['keydown', 'keypress', 'keyup'].indexOf(event.type) !== -1;\n  }\n};\n\n;"use\n  strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nexports.default = undefined;\n\nvar\n  _FontIcon = require('./FontIcon');\n  _FontIcon2 = _interopRequireDefault(_FontIcon);\n  function\n  _interopRequireDefault(obj) {\n    return obj && obj.__esModule ? obj : {\n      default: obj\n    }; \n  }\n  exports.default\n  = _FontIcon2.default;\n\n;"use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar\n  _extends2 = require('babel-runtime/helpers/extends');\n  _extends3 =\n  _interopRequireDefault(_extends2);\n  _objectWithoutProperties2 = require('babel-\nruntime/helpers/objectWithoutProperties');\n  _objectWithoutProperties3 =\n  _interopRequireDefault(_objectWithoutProperties2);\n  _toArray2 = require('babel-\nruntime/helpers/toArray');\n  _toArray3 = _interopRequireDefault(_toArray2);\n  _getPrototypeOf =\n  require('babel-runtime/core-js/object/get-prototype-of');\n  _getPrototypeOf2 =\n  _interopRequireDefault(_getPrototypeOf);\n  _classCallCheck2 = require('babel-\nruntime/helpers/classCallCheck');\n  _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n  _createClass2 = require('babel-runtime/helpers/createClass');\n  _createClass3 =\n  _interopRequireDefault(_createClass2);\n  _possibleConstructorReturn2 = require('babel-\nruntime/helpers/possibleConstructorReturn');\n  _possibleConstructorReturn3 =\n  _interopRequireDefault(_possibleConstructorReturn2);\n  _inherits2 = require('babel-\nruntime/helpers/inherits');\n  _inherits3 = _interopRequireDefault(_inherits2);\n  _simpleAssign =\n  require('simple-assign');\n  _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n  _react =\n  require('react');\n  _react2 = _interopRequireDefault(_react);\n  _propTypes = require('prop-types');\n  _propTypes2 = _interopRequireDefault(_propTypes);\n  _reactDom = require('react-dom');\n  _reactDom2\n  = _interopRequireDefault(_reactDom);\n  _shallowEqual = require('recompose/shallowEqual');\n  _shallowEqual2 = _interopRequireDefault(_shallowEqual);\n  _ClickAwayListener =\n  require('../internal/ClickAwayListener');\n  _ClickAwayListener2 =

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_interopRequireDefault(_ClickAwayListener);\n\nvar _keyCode = require('keyCode');\n\nvar _keyCode2 =
_interopRequireDefault(_keyCode);\n\nvar _propTypes3 = require('./utils/propTypes');\n\nvar _propTypes4 =
_interopRequireDefault(_propTypes3);\n\nvar _List = require('./List/List');\n\nvar _List2 =
_interopRequireDefault(_List);\n\nvar _menuUtils = require('./menuUtils');\n\nfunction _interopRequireDefault(obj)
{\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction getStyles(props, context) {\n  var
desktop = props.desktop,\n  maxHeight = props.maxHeight,\n  width = props.width;\n  var muiTheme =
context.muiTheme;\n  var styles = {\n    root: {\n      // Nested div because the List scales x faster than it scales y\n
zIndex: muiTheme.zIndex.menu,\n      maxHeight: maxHeight,\n      overflowY: maxHeight ? 'auto' : null\n    },\n
divider: {\n      marginTop: 7,\n      marginBottom: 8\n    },\n    list: {\n      display: 'table-cell',\n      paddingBottom:
desktop ? 16 : 8,\n      paddingTop: desktop ? 16 : 8,\n      userSelect: 'none',\n      width: width\n    },\n
selectedMenuItem: {\n      color: muiTheme.menuItem.selectedTextColor\n    };\n  return styles;\n}\n\nvar
Menu = function (_Component) {\n  (0, _inherits3.default)(Menu, _Component);\n\n  function Menu(props, context)
{\n    (0, _classCallCheck3.default)(this, Menu);\n\n    var _this = (0, _possibleConstructorReturn3.default)(this,
(Menu.__proto__ || (0, _getPrototypeOf2.default)(Menu)).call(this, props, context));\n\n    _initialiseProps.call(_this);\n\n    var filteredChildren = _this.getFilteredChildren(props.children);\n\n    var
selectedIndex = _this.getLastSelectedIndex(props, filteredChildren);\n\n    var newFocusIndex =
props.disableAutoFocus ? -1 : selectedIndex >= 0 ? selectedIndex : 0;\n\n    if (newFocusIndex !== -1 &&
props.onMenuItemFocusChange) {\n      props.onMenuItemFocusChange(null, newFocusIndex);\n    }\n\n    _this.state = {\n      focusIndex: newFocusIndex,\n      isKeyboardFocused: props.initiallyKeyboardFocused,\n
keyWidth: props.desktop ? 64 : 56\n    };\n\n    _this.hotKeyHolder = new _menuUtils.HotKeyHolder();\n\n    return
_this;\n  }\n\n  (0, _createClass3.default)(Menu, [{\n    key: 'componentDidMount',\n    value: function
componentDidMount() {\n      if (this.props.autoWidth) {\n        this.setWidth();\n      }\n\n      this.setScollPosition();\n    }\n  }, {\n    key: 'componentWillReceiveProps',\n    value: function
componentWillReceiveProps(nextProps) {\n      var selectedIndex = void 0;\n      var filteredChildren =
this.getFilteredChildren(nextProps.children);\n\n      if (this.props.multiple !== true) {\n        selectedIndex =
this.getLastSelectedIndex(nextProps, filteredChildren);\n      } else {\n        selectedIndex = this.state.focusIndex;\n      }\n\n      var newFocusIndex = nextProps.disableAutoFocus ? -1 : selectedIndex >= 0 ? selectedIndex : 0;\n\n      if
(newFocusIndex !== this.state.focusIndex && this.props.onMenuItemFocusChange) {\n        this.props.onMenuItemFocusChange(null, newFocusIndex);\n      }\n\n      this.setState({\n        focusIndex:
newFocusIndex,\n        keyWidth: nextProps.desktop ? 64 : 56\n      });\n    }\n  }, {\n    key:
'shouldComponentUpdate',\n    value: function shouldComponentUpdate(nextProps, nextState, nextContext) {\n
return !(0, _shallowEqual2.default)(this.props, nextProps) || !(0, _shallowEqual2.default)(this.state, nextState) || !(0,
_shallowEqual2.default)(this.context, nextContext);\n    }\n  }, {\n    key: 'componentDidUpdate',\n    value: function
componentDidUpdate() {\n      if (this.props.autoWidth) this.setWidth();\n    }\n  }, {\n    key: 'getValueLink',\n    //
Do not use outside of this component, it will be removed once valueLink is deprecated\n    value: function
getValueLink(props) {\n      return props.valueLink || {\n        value: props.value,\n        requestChange:
props.onChange\n      };\n    }\n  }, {\n    key: 'setKeyboardFocused',\n    value: function
setKeyboardFocused(keyboardFocused) {\n      this.setState({\n        isKeyboardFocused: keyboardFocused\n
});\n    }\n  }, {\n    key: 'getFilteredChildren',\n    value: function getFilteredChildren(children) {\n      var
filteredChildren = [];\n\n      _react2.default.Children.forEach(children, function (child) {\n        if (child) {\n
filteredChildren.push(child);\n        }\n      });\n\n      return filteredChildren;\n    }\n  }, {\n    key:
'cloneMenuItem',\n    value: function cloneMenuItem(child, childIndex, styles, index) {\n      var _this2 = this;\n\n      var childIsDisabled = child.props.disabled;\n      var selectedChildStyles = {};\n\n      if (!childIsDisabled) {\n        var selected = this.isChildSelected(child, this.props);\n\n        if (selected) {\n          (0,
_simpleAssign2.default)(selectedChildStyles, styles.selectedMenuItem, this.props.selectedMenuItemStyle);\n        }\n      }\n\n      var mergedChildStyles = (0, _simpleAssign2.default)({}, child.props.style,
this.props.menuItemStyle, selectedChildStyles);\n      var extraProps = {\n        desktop: this.props.desktop,\n
style: mergedChildStyles\n      };\n\n      if (!childIsDisabled) {\n        var isFocused = childIndex ===

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this.state.focusIndex;\n      var focusState = 'none';\n\n      if (isFocused) {\n        focusState =
this.state.isKeyboardFocused ? 'keyboard-focused' : 'focused';\n      }\n\n      (0,
_simpleAssign2.default)(extraProps, {\n        focusState: focusState,\n        onClick: function onClick(event) {\n
      _this2.handleMenuItemClick(event, child, index);\n\n      if (child.props.onClick)
child.props.onClick(event);\n    },\n    ref: isFocused ? 'focusedMenuItem' : null\n  });\n  }\n\n  return _react2.default.cloneElement(child, extraProps);\n  }\n}, {\n  key: 'decrementKeyboardFocusIndex',\n  value: function decrementKeyboardFocusIndex(event) {\n    var index = this.state.focusIndex;\n    index--;\n    if
(index < 0) index = 0;\n    this.setFocusIndex(event, index, true);\n  }\n}, {\n  key: 'getMenuItemCount',\n  value: function getMenuItemCount(filteredChildren) {\n    var menuItemCount = 0;\n
filteredChildren.forEach(function (child) {\n      var childIsADivider = child.type && child.type.muiName ===
'Divider';\n      var childIsDisabled = child.props.disabled;\n      if (!childIsADivider && !childIsDisabled)
menuItemCount++;\n    });\n    return menuItemCount;\n  }\n}, {\n  key: 'getLastSelectedIndex',\n  value:
function getLastSelectedIndex(props, filteredChildren) {\n    var _this3 = this;\n\n    var selectedIndex = -1;\n
var menuItemIndex = 0;\n    filteredChildren.forEach(function (child) {\n      var childIsADivider = child.type &&
child.type.muiName === 'Divider';\n      if (_this3.isChildSelected(child, props)) selectedIndex =
menuItemIndex;\n      if (!childIsADivider) menuItemIndex++;\n    });\n    return selectedIndex;\n  }\n}, {\n
key: 'setFocusIndexStartsWith',\n  value: function setFocusIndexStartsWith(event, keys, filteredChildren) {\n
var foundIndex = -1;\n\n    _react2.default.Children.forEach(filteredChildren, function (child, index) {\n      if
(foundIndex >= 0) {\n        return;\n      }\n\n      var primaryText = child.props.primaryText;\n\n      if (typeof
primaryText === 'string' && primaryText.substr(0, keys.length).toLowerCase() === keys.toLowerCase()) {\n
foundIndex = index;\n      }\n    });\n\n    if (foundIndex >= 0) {\n      this.setFocusIndex(event, foundIndex,
true);\n      return true;\n    }\n\n    return false;\n  }\n}, {\n  key: 'handleMenuItemClick',\n  value: function
handleMenuItemClick(event, item, index) {\n    var children = this.props.children;\n    var multiple =
this.props.multiple;\n    var valueLink = this.getValueLink(this.props);\n    var menuValue = valueLink.value;\n
var itemValue = item.props.value;\n    var focusIndex = _react2.default.isValidElement(children) ? 0 :
children.indexOf(item);\n    this.setFocusIndex(event, focusIndex, false);\n\n    if (multiple) {\n      menuValue =
menuValue || [];\n      var itemIndex = menuValue.indexOf(itemValue);\n\n      var _menuValue = menuValue,\n
      _menuValue2 = (0, _toArray3.default)(_menuValue),\n      newMenuValue = _menuValue2.slice(0);\n\n      if (itemIndex === -1) {\n        newMenuValue.push(itemValue);\n      } else {\n
newMenuValue.splice(itemIndex, 1);\n      }\n\n      valueLink.requestChange(event, newMenuValue);\n    } else
if (!multiple && itemValue !== menuValue) {\n      valueLink.requestChange(event, itemValue);\n    }\n\n    this.props.onItemClick(event, item, index);\n  }\n}, {\n  key: 'incrementKeyboardFocusIndex',\n  value:
function incrementKeyboardFocusIndex(event, filteredChildren) {\n    var index = this.state.focusIndex;\n    var
maxIndex = this.getMenuItemCount(filteredChildren) - 1;\n    index++;\n    if (index > maxIndex) index =
maxIndex;\n    this.setFocusIndex(event, index, true);\n  }\n}, {\n  key: 'isChildSelected',\n  value: function
isChildSelected(child, props) {\n    var menuValue = this.getValueLink(props).value;\n    var childValue =
child.props.value;\n\n    if (props.multiple) {\n      return menuValue && menuValue.length &&
menuValue.indexOf(childValue) !== -1;\n    } else {\n      return child.props.hasOwnProperty('value') &&
menuValue === childValue;\n    }\n  }\n}, {\n  key: 'setFocusIndex',\n  value: function setFocusIndex(event,
newIndex, isKeyboardFocused) {\n    if (this.props.onMenuItemFocusChange) {\n      // Do this even if `newIndex
=== this.state.focusIndex` to allow users\n      // to detect up-arrow on the first MenuItem or down-arrow on the
last.\n      this.props.onMenuItemFocusChange(event, newIndex);\n    }\n\n    this.setState({\n      focusIndex:
newIndex,\n      isKeyboardFocused: isKeyboardFocused\n    });\n  }\n}, {\n  key: 'setScrollPosition',\n  value:
function setScrollPosition() {\n    var desktop = this.props.desktop;\n    var focusedMenuItem =
this.refs.focusedMenuItem;\n    var menuItemHeight = desktop ? 32 : 48;\n\n    if (focusedMenuItem) {\n      var
selectedOffset = _reactDom2.default.findDOMNode(focusedMenuItem).offsetTop; // Make the focused item be the
2nd item in the list the user sees\n\n      var scrollTop = selectedOffset - menuItemHeight;\n      if (scrollTop <
menuItemHeight) scrollTop = 0;\n      _reactDom2.default.findDOMNode(this.refs.scrollContainer).scrollTop =

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scrollTop;\n  }\n  }, {\n    key: 'cancelScrollEvent',\n    value: function cancelScrollEvent(event) {\n      event.stopPropagation();\n      event.preventDefault();\n      return false;\n    }\n  }, {\n    key: 'setWidth',\n    value: function setWidth() {\n      var el = _reactDom2.default.findDOMNode(this);\n      var listEl = _reactDom2.default.findDOMNode(this.refs.list);\n      var elWidth = el.offsetWidth;\n      var keyWidth = this.state.keyWidth;\n      var minWidth = keyWidth * 1.5;\n      var keyIncrements = elWidth / keyWidth;\n      var newWidth = void 0;\n      keyIncrements = keyIncrements <= 1.5 ? 1.5 : Math.ceil(keyIncrements);\n      newWidth = keyIncrements * keyWidth;\n      if (newWidth < minWidth) newWidth = minWidth;\n      el.style.width = newWidth + 'px';\n      listEl.style.width = newWidth + 'px';\n    }\n  }, {\n    key: 'render',\n    value: function render() {\n      var _this4 = this;\n      var _props = this.props,\n          autoWidth = _props.autoWidth,\n          children = _props.children,\n          desktop = _props.desktop,\n          disableAutoFocus = _props.disableAutoFocus,\n          initiallyKeyboardFocused = _props.initiallyKeyboardFocused,\n          listStyle = _props.listStyle,\n          maxHeight = _props.maxHeight,\n          multiple = _props.multiple,\n          onItemClick = _props.onItemClick,\n          onEscKeyDown = _props.onEscKeyDown,\n          onMenuItemFocusChange = _props.onMenuItemFocusChange,\n          selectedMenuItemStyle = _props.selectedMenuItemStyle,\n          menuItemStyle = _props.menuItemStyle,\n          style = _props.style,\n          value = _props.value,\n          valueLink = _props.valueLink,\n          width = _props.width,\n          other = (0, _objectWithoutProperties3.default)(_props, ['autoWidth', 'children', 'desktop', 'disableAutoFocus', 'initiallyKeyboardFocused', 'listStyle', 'maxHeight', 'multiple', 'onItemClick', 'onEscKeyDown', 'onMenuItemFocusChange', 'selectedMenuItemStyle', 'menuItemStyle', 'style', 'value', 'valueLink', 'width']);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles = getStyles(this.props, this.context);\n      var mergedRootStyles = (0, _simpleAssign2.default)(styles.root, style);\n      var mergedListStyles = (0, _simpleAssign2.default)(styles.list, listStyle);\n      var filteredChildren = this.getFilteredChildren(children);\n      var menuItemIndex = 0;\n      var newChildren = _react2.default.Children.map(filteredChildren, function (child, index) {\n        var childIsDisabled = child.props.disabled;\n        var childName = child.type ? child.type.muiName : '';\n        var newChild = child;\n        switch (childName) {\n          case 'MenuItem':\n            newChild = _this4.cloneMenuItem(child, menuItemIndex, styles, index);\n            break;\n          case 'Divider':\n            newChild = _react2.default.cloneElement(child, {\n              style: (0, _simpleAssign2.default)({}, styles.divider, child.props.style)\n            });\n            break;\n        }\n        if (childName === 'MenuItem' && !childIsDisabled) {\n          menuItemIndex++;\n        }\n        return newChild;\n      });\n      return _react2.default.createElement(_ClickAwayListener2.default, {\n        onClickAway: this.handleClickAway\n      }, _react2.default.createElement('div', {\n        onKeyDown: this.handleKeyDown,\n        onWheel: this.handleOnWheel,\n        style: prepareStyles(mergedRootStyles),\n        ref: 'scrollContainer',\n        role: 'presentation'\n      }, _react2.default.createElement(_List2.default, (0, _extends3.default)({}, other, {\n        ref: 'list',\n        style: mergedListStyles,\n        role: 'menu'\n      })), newChildren));\n    }\n  }]);\n  Menu;\n})(_react.Component);\n\nMenu.defaultProps = {\n  autoWidth: true,\n  desktop: false,\n  disableAutoFocus: false,\n  initiallyKeyboardFocused: false,\n  maxHeight: null,\n  multiple: false,\n  onChange: function onChange() {},\n  onEscKeyDown: function onEscKeyDown() {},\n  onItemClick: function onItemClick() {},\n  onKeyDown: function onKeyDown() {};\n};\n\nMenu.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nvar _initialiseProps = function _initialiseProps() {\n  var _this5 = this;\n  this.handleClickAway = function (event) {\n    if (event.defaultPrevented) {\n      return;\n    }\n    var focusIndex = _this5.state.focusIndex;\n    if (focusIndex < 0) {\n      return;\n    }\n    var filteredChildren = _this5.getFilteredChildren(_this5.props.children);\n    var focusedItem = filteredChildren[focusIndex];\n    if (!!focusedItem && focusedItem.props.menuItems && focusedItem.props.menuItems.length > 0) {\n      return;\n    }\n    _this5.setFocusIndex(event, -1, false);\n  };\n  this.handleKeyDown = function (event) {\n    var filteredChildren = _this5.getFilteredChildren(_this5.props.children);\n    var key = (0, _keycode2.default)(event);\n    switch (key) {\n      case 'down':\n        event.preventDefault();\n        _this5.incrementKeyboardFocusIndex(event, filteredChildren);\n        break;\n      case 'esc':\n        _this5.props.onEscKeyDown(event);\n        break;\n      case 'tab':\n        event.preventDefault();\n        if

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(event.shiftKey) {\n      _this5.decrementKeyboardFocusIndex(event);\n    } else {\n
      _this5.incrementKeyboardFocusIndex(event, filteredChildren);\n    }\n\n    break;\n\n    case 'up':\n
event.preventDefault();\n\n    _this5.decrementKeyboardFocusIndex(event);\n\n    break;\n\n    default:\n
if (key && key.length === 1) {\n      var hotKeys = _this5.hotKeyHolder.append(key);\n      if
      (_this5.setFocusIndexStartsWith(event, hotKeys, filteredChildren)) {\n        event.preventDefault();\n      }\n
    }\n\n    _this5.props.onKeyDown(event);\n  };\n\n  this.handleOnWheel = function (event) {\n    var
scrollContainer = _this5.refs.scrollContainer; // Only scroll lock if the the Menu is scrollable.\n\n    if
(scrollContainer.scrollHeight <= scrollContainer.clientHeight) return;\n    var scrollTop =
scrollContainer.scrollTop,\n    scrollHeight = scrollContainer.scrollHeight,\n    clientHeight =
scrollContainer.clientHeight;\n    var wheelDelta = event.deltaY;\n    var isDeltaPositive = wheelDelta > 0;\n\n    if
(isDeltaPositive && wheelDelta > scrollHeight - clientHeight - scrollTop) {\n      scrollContainer.scrollTop =
scrollHeight;\n      return _this5.cancelScrollEvent(event);\n    } else if (!isDeltaPositive && -wheelDelta >
scrollTop) {\n      scrollContainer.scrollTop = 0;\n      return _this5.cancelScrollEvent(event);\n    }\n
  };\n};\n\nMenu.propTypes = process.env.NODE_ENV !== \"production\" ? {\n  /**\n   * If true, the width of the
menu will be set automatically\n   * according to the widths of its children,\n   * using proper keyline increments
(64px for desktop,\n   * 56px otherwise).\n   */\n  autoWidth: _propTypes2.default.bool,\n\n  /**\n   * The content of
the menu. This is usually used to pass `MenuItem`\n   * elements.\n   */\n  children: _propTypes2.default.node,\n\n
  /**\n   * If true, the menu item will render with compact desktop styles.\n   */\n  desktop:
  _propTypes2.default.bool,\n\n  /**\n   * If true, the menu will not be auto-focused.\n   */\n  disableAutoFocus:
  _propTypes2.default.bool,\n\n  /**\n   * If true, the menu will be keyboard-focused initially.\n   */\n
  initiallyKeyboardFocused: _propTypes2.default.bool,\n\n  /**\n   * Override the inline-styles of the underlying
`List` element.\n   */\n  listStyle: _propTypes2.default.object,\n\n  /**\n   * The maximum height of the menu in
pixels. If specified,\n   * the menu will be scrollable if it is taller than the provided\n   * height.\n   */\n
  maxHeight: _propTypes2.default.number,\n\n  /**\n   * Override the inline-styles of menu items.\n   */\n
  menuItemStyle: _propTypes2.default.object,\n\n  /**\n   * If true, `value` must be an array and the menu will support\n   * multiple
selections.\n   */\n  multiple: _propTypes2.default.bool,\n\n  /**\n   * Callback function fired when a menu item with
`value` not\n   * equal to the current `value` of the menu is clicked.\n   */\n  @param {object} event Click event
targeting the menu item.\n   * @param {any} value If `multiple` is true, the menu's `value`\n   * array with either
the menu item's `value` added (if\n   * it wasn't already selected) or omitted (if it was already selected).\n   *
Otherwise, the `value` of the menu item.\n   */\n  onChange: _propTypes2.default.func,\n\n  /**\n   * Callback
function fired when the menu is focused and the *Esc* key\n   * is pressed.\n   */\n  @param {object} event
`keydown` event targeting the menu.\n   */\n  onEscKeyDown: _propTypes2.default.func,\n\n  /**\n   * Callback
function fired when a menu item is clicked.\n   */\n  @param {object} event Click event targeting the menu
item.\n   * @param {object} menuItem The menu item.\n   * @param {number} index The index of the menu
item.\n   */\n  onItemClick: _propTypes2.default.func,\n\n  /**\n   * @ignore\n   */\n  onKeyDown:
  _propTypes2.default.func,\n\n  /**\n   * Callback function fired when the focus on a `MenuItem` is changed.\n   *
There will be some \"duplicate\" changes reported if two different\n   * focusing event happen, for example if a
`MenuItem` is focused via\n   * the keyboard and then it is clicked on.\n   */\n  @param {object} event The event
that triggered the focus change.\n   * The event can be null since the focus can be changed for non-event\n   *
reasons such as prop changes.\n   * @param {number} newFocusIndex The index of the newly focused\n   *
`MenuItem` or `-1` if focus was lost.\n   */\n  onMenuItemFocusChange: _propTypes2.default.func,\n\n  /**\n   *
Override the inline-styles of selected menu items.\n   */\n  selectedItemStyle: _propTypes2.default.object,\n\n
  /**\n   * Override the inline-styles of the root element.\n   */\n  style: _propTypes2.default.object,\n\n  /**\n   * If
`multiple` is true, an array of the `value`s of the selected\n   * menu items. Otherwise, the `value` of the selected
menu item.\n   * If provided, the menu will be a controlled component.\n   * This component also supports
valueLink.\n   */\n  value: _propTypes2.default.any,\n\n  /**\n   * ValueLink for the menu's `value`.\n   */\n
  valueLink: _propTypes2.default.object,\n\n  /**\n   * The width of the menu. If not specified, the menu's width\n   *
will be set according to the widths of its children, using\n   * proper keyline increments (64px for desktop, 56px

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otherwise).\n *\n width: _propTypes4.default.stringOrNumber\n } : {};\nexports.default = Menu;","use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\nexports.default = undefined;\n\nvar
_MenuItem = require('./MenuItem');\n\nvar _MenuItem2 = _interopRequireDefault(_MenuItem);\n\nfunction
_interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };}\n\nexports.default
= _MenuItem2.default;","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _extends2 =
require('babel-runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactDom = require('react-dom');\n\nvar _reactDom2
= _interopRequireDefault(_reactDom);\n\nvar _shallowEqual = require('recompose/shallowEqual');\n\nvar
_shallowEqual2 = _interopRequireDefault(_shallowEqual);\n\nvar _colorManipulator =
require('./utils/colorManipulator');\n\nvar _transitions = require('./styles/transitions');\n\nvar
_transitions2 = _interopRequireDefault(_transitions);\n\nvar _EnhancedButton = require('./internal/EnhancedButton');\n\nvar
_EnhancedButton2 = _interopRequireDefault(_EnhancedButton);\n\nvar _IconButton =
require('./IconButton');\n\nvar _IconButton2 = _interopRequireDefault(_IconButton);\n\nvar _expandLess =
require('./svg-icons/navigation/expand-less');\n\nvar _expandLess2 = _interopRequireDefault(_expandLess);\n\nvar
_expandMore = require('./svg-icons/navigation/expand-more');\n\nvar _expandMore2 =
_interopRequireDefault(_expandMore);\n\nvar _NestedList = require('./NestedList');\n\nvar _NestedList2 =
_interopRequireDefault(_NestedList);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule
? obj : {\n default: obj\n };}\n\nfunction getStyles(props, context, state) {\n var autoGenerateNestedIndicator =
props.autoGenerateNestedIndicator,\n insetChildren = props.insetChildren,\n leftAvatar = props.leftAvatar,\n
leftCheckbox = props.leftCheckbox,\n leftIcon = props.leftIcon,\n nestedItems = props.nestedItems,\n
nestedLevel = props.nestedLevel,\n rightAvatar = props.rightAvatar,\n rightIcon = props.rightIcon,\n
rightIconButton = props.rightIconButton,\n rightToggle = props.rightToggle,\n secondaryText =
props.secondaryText,\n secondaryTextLines = props.secondaryTextLines;\n var muiTheme =
context.muiTheme;\n var listItem = muiTheme.listItem;\n var textColor =
muiTheme.baseTheme.palette.textColor;\n var hoverColor = props.hoverColor || (0,
_colorManipulator.fade)(textColor, 0.1);\n var singleAvatar = !secondaryText && (leftAvatar || rightAvatar);\n var
singleNoAvatar = !secondaryText && !(leftAvatar || rightAvatar);\n var twoLine = secondaryText &&
secondaryTextLines === 1;\n var threeLine = secondaryText && secondaryTextLines > 1;\n var
isKeyboardFocused = (props.isKeyboardFocused !== undefined ? props : state).isKeyboardFocused;\n var styles =
{\n root: {\n backgroundColor: (isKeyboardFocused || state.hovered) && !state.rightIconButtonHovered &&
!state.rightIconButtonKeyboardFocused ? hoverColor : null,\n color: textColor,\n display: 'block',\n
fontSize: 16,\n lineHeight: '16px',\n position: 'relative',\n transition: _transitions2.default.easeOut()\n },\n
\n // This inner div is needed so that ripples will span the entire container\n innerDiv: {\n marginLeft:
nestedLevel * listItem.nestedLevelDepth,\n paddingLeft: leftIcon || leftAvatar || leftCheckbox || insetChildren ?
72 : 16,\n paddingRight: rightIcon || rightAvatar || rightIconButton || nestedItems.length &&
autoGenerateNestedIndicator ? 56 : rightToggle ? 72 : 16,\n paddingBottom: singleAvatar ? 20 : 16,\n

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paddingTop: singleNoAvatar || threeLine ? 16 : 20,\n  position: 'relative'\n },\n  icons: {\n    height: 24,\n    width: 24,\n    display: 'block',\n    position: 'absolute',\n    top: twoLine ? 12 : singleAvatar ? 4 : 0,\n    margin: 12\n },\n  leftIcon: {\n    left: 4\n },\n  rightIcon: {\n    right: 4\n },\n  avatars: {\n    position: 'absolute',\n    top: singleAvatar ? 8 : 16\n },\n  label: {\n    cursor: 'pointer'\n },\n  leftAvatar: {\n    left: 16\n },\n  rightAvatar: {\n    right: 16\n },\n  leftCheckbox: {\n    position: 'absolute',\n    display: 'block',\n    width: 24,\n    top: twoLine ? 24 : singleAvatar ? 16 : 12,\n    left: 16\n },\n  primaryText: {},\n  rightIconButton: {\n    position: 'absolute',\n    display: 'block',\n    top: twoLine ? 12 : singleAvatar ? 4 : 0,\n    right: 4\n },\n  rightToggle: {\n    position: 'absolute',\n    display: 'block',\n    width: 54,\n    top: twoLine ? 25 : singleAvatar ? 17 : 13,\n    right: 8\n },\n  secondaryText: {\n    fontSize: 14,\n    lineHeight: threeLine ? '18px' : '16px',\n    height: threeLine ? 36 : 16,\n    margin: 0,\n    marginTop: 4,\n    color: listItem.secondaryTextColor,\n    // needed for 2 and 3 line ellipsis\n    overflow: 'hidden',\n    textOverflow: 'ellipsis',\n    whiteSpace: threeLine ? null : 'nowrap',\n    display: threeLine ? '-webkit-box' : null,\n    WebkitLineClamp: threeLine ? 2 : null,\n    WebkitBoxOrient: threeLine ? 'vertical' : null\n };\n  return styles;\n}\n\nvar ListItem = function (_Component) {\n  (0, _inherits3.default)(ListItem, _Component);\n\n  function ListItem() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, ListItem);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = ListItem.__proto__ || (0, _getPrototypeOf2.default)(ListItem)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n      hovered: false,\n      isKeyboardFocused: false,\n      open: false,\n      rightIconButtonHovered: false,\n      rightIconButtonKeyboardFocused: false,\n      touch: false\n    }, _this.handleKeyboardFocus = function (event, isKeyboardFocused) {\n      _this.setState({\n        isKeyboardFocused: isKeyboardFocused\n      });\n\n      _this.props.onKeyboardFocus(event, isKeyboardFocused);\n    }, _this.handleMouseEnter = function (event) {\n      if (!_this.state.touch) _this.setState({\n        hovered: true\n      });\n\n      _this.props.onMouseEnter(event);\n    }, _this.handleMouseLeave = function (event) {\n      _this.setState({\n        hovered: false\n      });\n\n      _this.props.onMouseLeave(event);\n    }, _this.handleClick = function (event) {\n      if (_this.props.onClick) {\n        _this.props.onClick(event);\n      }\n\n      if (_this.props.primaryTogglesNestedList) {\n        _this.handleNestedListToggle(event);\n      }\n    }, _this.handleNestedListToggle = function (event) {\n      if (_this.props.leftCheckbox) {\n        event.preventDefault();\n      }\n\n      event.stopPropagation();\n\n      if (_this.props.open === null) {\n        _this.setState({\n          open: !_this.state.open\n        }, function () {\n          _this.props.onNestedListToggle(_this);\n        });\n      } else {\n        // Exposing `this` in the callback is quite a bad API.\n        // I'm doing a one level deep clone to expose a fake state.open.\n        _this.props.onNestedListToggle((0, _extends3.default)({}, _this, {\n          state: {\n            open: !_this.state.open\n          }\n        }));\n      }\n\n      _this.handleRightIconButtonKeyboardFocus = function (event, isKeyboardFocused) {\n        if (isKeyboardFocused) {\n          _this.setState({\n            isKeyboardFocused: false,\n            rightIconButtonKeyboardFocused: isKeyboardFocused\n          });\n        }\n\n        var iconButton = _this.props.rightIconButton;\n        if (iconButton && iconButton.props.onKeyboardFocus) iconButton.props.onKeyboardFocus(event, isKeyboardFocused);\n      },\n      _this.handleRightIconButtonMouseLeave = function (event) {\n        var iconButton = _this.props.rightIconButton;\n\n        _this.setState({\n          rightIconButtonHovered: false\n        });\n\n        if (iconButton && iconButton.props.onMouseLeave) iconButton.props.onMouseLeave(event);\n      },\n      _this.handleRightIconButtonMouseEnter = function (event) {\n        var iconButton = _this.props.rightIconButton;\n\n        _this.setState({\n          rightIconButtonHovered: true\n        });\n\n        if (iconButton && iconButton.props.onMouseEnter) iconButton.props.onMouseEnter(event);\n      },\n      _this.handleRightIconButtonMouseUp = function (event) {\n        var iconButton = _this.props.rightIconButton;\n\n        event.stopPropagation();\n        if (iconButton && iconButton.props.onMouseUp) iconButton.props.onMouseUp(event);\n      },\n      _this.handleRightIconButtonClick = function (event) {\n        var iconButton = _this.props.rightIconButton;\n        // Stop the event from bubbling up to the list-item\n        event.stopPropagation();\n        if (iconButton && iconButton.props.onClick) iconButton.props.onClick(event);\n      },

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_this.handleTouchStart = function (event) {\n  _this.setState({\n    touch: true\n  });\n\n  _this.props.onTouchStart(event);\n  }, _this.handleTouchEnd = function (event) {\n  _this.setState({\n    touch: true\n  });\n\n  _this.props.onTouchEnd(event);\n  }, _temp), (0,\n  _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(ListItem, [{\n    key:\n    'componentWillMount',\n    value: function componentWillMount() {\n      this.setState({\n        open:\n        this.props.open === null ? this.props.initiallyOpen === true : this.props.open\n      });\n    }}, {\n    key:\n    'componentWillReceiveProps',\n    value: function componentWillReceiveProps(nextProps) {\n      // update the\n      state when the component is controlled.\n      if (nextProps.open !== null) this.setState({\n        open:\n        nextProps.open\n      });\n      if (nextProps.disabled && this.state.hovered) this.setState({\n        hovered: false\n      });\n    }}, {\n    key: 'shouldComponentUpdate',\n    value: function shouldComponentUpdate(nextProps,\n    nextState, nextContext) {\n      return !(0, _shallowEqual2.default)(this.props, nextProps) || !(0,\n      _shallowEqual2.default)(this.state, nextState) || !(0, _shallowEqual2.default)(this.context, nextContext);\n    } // This\n    method is needed by the `MenuItem` component.\n  }}, {\n    key: 'applyFocusState',\n    value: function\n    applyFocusState(focusState) {\n      if (this.button) {\n        var buttonEl =\n        _reactDom2.default.findDOMNode(this.button);\n        switch (focusState) {\n          case 'none':\n            buttonEl.blur();\n            break;\n          case 'focused':\n            buttonEl.focus();\n            break;\n          case\n          'keyboard-focused':\n            this.button.setKeyboardFocus();\n            buttonEl.focus();\n            break;\n        }\n      }\n    }}, {\n    key: 'createDisabledElement',\n    value: function createDisabledElement(styles, contentChildren,\n    additionalProps) {\n      var _props = this.props,\n          innerDivStyle = _props.innerDivStyle,\n          style =\n          _props.style;\n      var mergedDivStyles = (0, _simpleAssign2.default)({}, styles.root, styles.innerDiv,\n      innerDivStyle, style);\n      return _react2.default.createElement('div', (0, _extends3.default)({}, additionalProps, {\n        style: this.context.muiTheme.prepareStyles(mergedDivStyles)\n      })), contentChildren);\n    }}, {\n    key:\n    'createLabelElement',\n    value: function createLabelElement(styles, contentChildren, additionalProps) {\n      var\n      _props2 = this.props,\n          innerDivStyle = _props2.innerDivStyle,\n          style = _props2.style;\n      var\n      mergedLabelStyles = (0, _simpleAssign2.default)({}, styles.root, styles.innerDiv, innerDivStyle, styles.label,\n      style);\n      return _react2.default.createElement('label', (0, _extends3.default)({}, additionalProps, {\n        style:\n        this.context.muiTheme.prepareStyles(mergedLabelStyles)\n      })), contentChildren);\n    }}, {\n    key:\n    'createTextElement',\n    value: function createTextElement(styles, data, key) {\n      var prepareStyles =\n      this.context.muiTheme.prepareStyles;\n      if (_react2.default.isValidElement(data)) {\n        var style = (0,\n        _simpleAssign2.default)({}, styles, data.props.style);\n        if (typeof data.type === 'string') {\n          // if element\n          is a native dom node\n          style = prepareStyles(style);\n        }\n        return _react2.default.cloneElement(data,\n        {\n          key: key,\n          style: style\n        });\n      }\n      return _react2.default.createElement('div', {\n        key:\n        key,\n        style: prepareStyles(styles)\n      }, data);\n    }}, {\n    key: 'pushElement',\n    value: function\n    pushElement(children, element, baseStyles, additionalProps) {\n      if (element) {\n        var styles = (0,\n        _simpleAssign2.default)({}, baseStyles, element.props.style);\n        children.push(_react2.default.cloneElement(element, (0, _extends3.default)({\n          key: children.length,\n          style: styles\n        }, additionalProps)));\n      }\n    }}, {\n    key: 'render',\n    value: function\n    render() {\n      var\n      _this2 = this;\n      var _props3 = this.props,\n          autoGenerateNestedIndicator =\n          _props3.autoGenerateNestedIndicator,\n          children = _props3.children,\n          containerElement =\n          _props3.containerElement,\n          disabled = _props3.disabled,\n          disableKeyboardFocus =\n          _props3.disableKeyboardFocus,\n          hoverColor = _props3.hoverColor,\n          initiallyOpen =\n          _props3.initiallyOpen,\n          innerDivStyle = _props3.innerDivStyle,\n          insetChildren =\n          _props3.insetChildren,\n          leftAvatar = _props3.leftAvatar,\n          leftCheckbox = _props3.leftCheckbox,\n          leftIcon = _props3.leftIcon,\n          nestedItems = _props3.nestedItems,\n          nestedLevel =\n          _props3.nestedLevel,\n          nestedListStyle = _props3.nestedListStyle,\n          onKeyboardFocus =\n          _props3.onKeyboardFocus,\n          isKeyboardFocused = _props3.isKeyboardFocused,\n          onMouseEnter =\n          _props3.onMouseEnter,\n          onMouseLeave = _props3.onMouseLeave,\n          onNestedListToggle =\n          _props3.onNestedListToggle,\n          onTouchStart = _props3.onTouchStart,\n          onClick = _props3.onClick,\n
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rightAvatar = _props3.rightAvatar,\n      rightIcon = _props3.rightIcon,\n      rightIconButton =
_props3.rightIconButton,\n      rightToggle = _props3.rightToggle,\n      primaryText = _props3.primaryText,\n      primaryTogglesNestedList = _props3.primaryTogglesNestedList,\n      secondaryText =
_props3.secondaryText,\n      secondaryTextLines = _props3.secondaryTextLines,\n      style = _props3.style,\n      other = (0, _objectWithoutProperties3.default)(_props3, ['autoGenerateNestedIndicator', 'children',
'containerElement', 'disabled', 'disableKeyboardFocus', 'hoverColor', 'initiallyOpen', 'innerDivStyle', 'insetChildren',
'leftAvatar', 'leftCheckbox', 'leftIcon', 'nestedItems', 'nestedLevel', 'nestedListStyle', 'onKeyboardFocus',
'isKeyboardFocused', 'onMouseEnter', 'onMouseLeave', 'onNestedListToggle', 'onTouchStart', 'onClick',
'rightAvatar', 'rightIcon', 'rightIconButton', 'rightToggle', 'primaryText', 'primaryTogglesNestedList', 'secondaryText',
'secondaryTextLines', 'style']);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles =
getStyles(this.props, this.context, this.state);\n      var contentChildren = [children];\n      if (leftIcon) {\n      var
additionalProps = {\n        color: leftIcon.props.color || this.context.muiTheme.listItem.leftIconColor\n      };\n      this.pushElement(contentChildren, leftIcon, (0, _simpleAssign2.default)({}, styles.icons, styles.leftIcon),
additionalProps);\n      }\n      if (rightIcon) {\n      var _additionalProps = {\n        color: rightIcon.props.color ||
this.context.muiTheme.listItem.rightIconColor\n      };\n      this.pushElement(contentChildren, rightIcon, (0,
_simpleAssign2.default)({}, styles.icons, styles.rightIcon), _additionalProps);\n      }\n      if (leftAvatar) {\n      this.pushElement(contentChildren, leftAvatar, (0, _simpleAssign2.default)({}, styles.avatars, styles.leftAvatar));\n      }\n      if (rightAvatar) {\n      this.pushElement(contentChildren, rightAvatar, (0, _simpleAssign2.default)({},
styles.avatars, styles.rightAvatar));\n      }\n      if (leftCheckbox) {\n      this.pushElement(contentChildren,
leftCheckbox, (0, _simpleAssign2.default)({}, styles.leftCheckbox));\n      } // RightIconButtonElement\n      var
hasNestListItems = nestedItems.length;\n      var hasRightElement = rightAvatar || rightIcon || rightIconButton ||
rightToggle;\n      var needsNestedIndicator = hasNestListItems && autoGenerateNestedIndicator &&
!hasRightElement;\n      if (rightIconButton || needsNestedIndicator) {\n      var rightIconButtonElement =
rightIconButton;\n      var rightIconButtonHandlers = {\n        onKeyboardFocus:
this.handleRightIconButtonKeyboardFocus,\n        onMouseEnter: this.handleRightIconButtonMouseEnter,\n
onMouseLeave: this.handleRightIconButtonMouseLeave,\n        onClick: this.handleRightIconButtonClick,\n
onMouseDown: this.handleRightIconButtonMouseUp,\n        onMouseUp: this.handleRightIconButtonMouseUp\n      };\n      // Create a nested list indicator icon if we don't have an icon on the right\n      if (needsNestedIndicator) {\n      rightIconButtonElement = this.state.open ? _react2.default.createElement(_IconButton2.default, null,
_react2.default.createElement(_expandLess2.default, null)) : _react2.default.createElement(_IconButton2.default,
null, _react2.default.createElement(_expandMore2.default, null));\n      rightIconButtonHandlers.onClick =
this.handleNestedListToggle;\n      }\n      this.pushElement(contentChildren, rightIconButtonElement, (0,
_simpleAssign2.default)({}, styles.rightIconButton), rightIconButtonHandlers);\n      }\n      if (rightToggle) {\n      this.pushElement(contentChildren, rightToggle, (0, _simpleAssign2.default)({}, styles.rightToggle));\n      }\n      if (primaryText) {\n      var primaryTextElement = this.createTextElement(styles.primaryText, primaryText,
'primaryText');\n      contentChildren.push(primaryTextElement);\n      }\n      if (secondaryText) {\n      var
secondaryTextElement = this.createTextElement(styles.secondaryText, secondaryText, 'secondaryText');\n      contentChildren.push(secondaryTextElement);\n      }\n      var nestedList = nestedItems.length ?
_react2.default.createElement(_NestedList2.default, {\n        nestedLevel: nestedLevel,\n        open:
this.state.open,\n        style: nestedListStyle\n      }, nestedItems) : undefined;\n      var simpleLabel =
!primaryTogglesNestedList && (leftCheckbox || rightToggle);\n      return _react2.default.createElement('div', null,
simpleLabel ? this.createLabelElement(styles, contentChildren, other) : disabled ?
this.createDisabledElement(styles, contentChildren, other) :
_react2.default.createElement(_EnhancedButton2.default, (0, _extends3.default)({\n        containerElement:
containerElement\n      }, other, {\n        disableKeyboardFocus: disableKeyboardFocus ||
this.state.rightIconButtonKeyboardFocused,\n        onKeyboardFocus: this.handleKeyboardFocus,\n
onMouseLeave: this.handleMouseLeave,\n        onMouseEnter: this.handleMouseEnter,\n        onTouchStart:
this.handleTouchStart,\n        onTouchEnd: this.handleTouchEnd,\n        onClick: this.handleClick,\n        disabled:

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disabled,\n      ref: function ref(node) {\n        return _this2.button = node;\n      },\n      style: (0,\n        _simpleAssign2.default)({}, styles.root, style)\n    ), _react2.default.createElement('div', {\n      style:\n        prepareStyles((0, _simpleAssign2.default)(styles.innerDiv, innerDivStyle))\n    }, contentChildren)), nestedList);\n  }\n});\n return ListItem;\n}(_react.Component);\n\nListItem.muiName = 'ListItem';\nListItem.defaultProps = {\n  autoGenerateNestedIndicator: true,\n  containerElement: 'span',\n  disableKeyboardFocus: false,\n  disabled: false,\n  initiallyOpen: false,\n  insetChildren: false,\n  nestedItems: [],\n  nestedLevel: 0,\n  onKeyboardFocus: function\n  onKeyboardFocus() {},\n  onMouseEnter: function onMouseEnter() {},\n  onMouseLeave: function\n  onMouseLeave() {},\n  onNestedListToggle: function onNestedListToggle() {},\n  onTouchEnd: function\n  onTouchEnd() {},\n  onTouchStart: function onTouchStart() {},\n  open: null,\n  primaryTogglesNestedList: false,\n  secondaryTextLines: 1\n};\n\nListItem.contextTypes = {\n  muiTheme:\n    _propTypes2.default.object.isRequired\n};\n\nListItem.propTypes = process.env.NODE_ENV !== "production" ?\n  {\n    /**\n     * If true, generate a nested-list-indicator icon when nested list\n     * items are detected. Note that an\n     * indicator will not be created\n     * if a `rightIcon` or `rightIconButton` has been provided to\n     * the element.\n     */\n    autoGenerateNestedIndicator: _propTypes2.default.bool,\n    /**\n     * Children passed into the `ListItem`.\n     */\n    children: _propTypes2.default.node,\n    /**\n     * The element to use as the container for the ListItem. Either a\n     * string to\n     * use a DOM element or a ReactElement. This is useful for wrapping the\n     * ListItem in a custom Link\n     * component. If a ReactElement is given, ensure\n     * that it passes all of its given props through to the underlying\n     * DOM\n     * element and renders its children prop for proper integration.\n     */\n    containerElement:\n      _propTypes2.default.oneOfType([\n        _propTypes2.default.string,\n        _propTypes2.default.element\n      ]),\n    /**\n     * If true,\n     * the element will not be able to be focused by the keyboard.\n     */\n    disableKeyboardFocus:\n      _propTypes2.default.bool,\n    /**\n     * If true, the element will not be clickable\n     * and will not display hover\n     * effects.\n     * This is automatically disabled if either `leftCheckbox`\n     * or `rightToggle` is set.\n     */\n    disabled:\n      _propTypes2.default.bool,\n    /**\n     * Override the hover background color.\n     */\n    hoverColor:\n      _propTypes2.default.string,\n    /**\n     * If true, the nested `ListItem`s are initially displayed.\n     */\n    initiallyOpen:\n      _propTypes2.default.bool,\n    /**\n     * Override the inline-styles of the inner div element.\n     */\n    innerDivStyle:\n      _propTypes2.default.object,\n    /**\n     * If true, the children will be indented by 72px.\n     * This is useful if there is\n     * no left avatar or left icon.\n     */\n    insetChildren: _propTypes2.default.bool,\n    /**\n     * Use to control if the list\n     * item should render as keyboard focused. If\n     * undefined (default), this will be automatically managed. If\n     * provided,\n     * it will change the components style. Note that this will not change the\n     * actual focus - and should\n     * only be used when you want to simulate\n     * keyboard focus (eg. in a rich text input autocomplete).\n     */\n    isKeyboardFocused: _propTypes2.default.bool,\n    /**\n     * This is the `Avatar` element to be displayed on the left\n     * side.\n     */\n    leftAvatar: _propTypes2.default.element,\n    /**\n     * This is the `Checkbox` element to be displayed\n     * on the left side.\n     */\n    leftCheckbox: _propTypes2.default.element,\n    /**\n     * This is the `SvgIcon` or\n     * `FontIcon` to be displayed on the left side.\n     */\n    leftIcon: _propTypes2.default.element,\n    /**\n     * An array of\n     * `ListItem`s to nest underneath the current `ListItem`.\n     */\n    nestedItems:\n      _propTypes2.default.arrayOf(_propTypes2.default.element),\n    /**\n     * Controls how deep a `ListItem` appears.\n     * This property is automatically managed, so modify at your own risk.\n     */\n    nestedLevel:\n      _propTypes2.default.number,\n    /**\n     * Override the inline-styles of the nested items' `NestedList`.\n     */\n    nestedListStyle: _propTypes2.default.object,\n    /**\n     * Callback function fired when the list item is clicked.\n     */\n    * @param {object} event Click event targeting the list item.\n    * @param {object} event `focus` or `blur` event targeting the `ListItem`.\n    * @param {boolean} isKeyboardFocused If true,\n    * the `ListItem` is focused.\n    */\n    onKeyboardFocus: _propTypes2.default.func,\n    /**\n     * @ignore\n     */\n    onMouseEnter: _propTypes2.default.func,\n    /**\n     * @ignore\n     */\n    onMouseLeave: _propTypes2.default.func,\n    /**\n     * Callback function fired when the `ListItem` toggles its nested list.\n     */\n    * @param {object} listItem The\n    * `ListItem`.\n    */\n    onNestedListToggle: _propTypes2.default.func,\n    /**\n     * @ignore\n     */\n    onTouchEnd:\n      _propTypes2.default.func,\n    /**\n     * @ignore\n     */\n    onTouchStart: _propTypes2.default.func,\n    /**\n     * Control\n     * toggle state of nested list.\n     */\n    open: _propTypes2.default.bool,\n    /**\n     * This is the block element that

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contains the primary text.\n * If a string is passed in, a div tag will be rendered.\n */\n primaryText: _propTypes2.default.node,\n\n /**\n * If true, clicking or tapping the primary text of the `ListItem`\n * toggles the nested list.\n */\n primaryTogglesNestedList: _propTypes2.default.bool,\n\n /**\n * This is the `Avatar` element to be displayed on the right side.\n */\n rightAvatar: _propTypes2.default.element,\n\n /**\n * This is the `SvgIcon` or `FontIcon` to be displayed on the right side.\n */\n rightIcon: _propTypes2.default.element,\n\n /**\n * This is the `IconButton` to be displayed on the right side.\n * Hovering over this button will remove the `ListItem` hover.\n * Also, clicking on this button will not trigger a\n * ripple on the `ListItem`; the event will be stopped and prevented\n * from bubbling up to cause a `ListItem` click.\n */\n rightIconButton: _propTypes2.default.element,\n\n /**\n * This is the `Toggle` element to display on the right side.\n */\n rightToggle: _propTypes2.default.element,\n\n /**\n * This is the block element that contains the secondary text.\n * If a string is passed in, a div tag will be rendered.\n */\n secondaryText: _propTypes2.default.node,\n\n /**\n * Can be 1 or 2. This is the number of secondary\n * text lines before ellipsis will show.\n */\n secondaryTextLines: _propTypes2.default.oneOf([1, 2]),\n\n /**\n * Override the inline-styles of the root element.\n */\n style: _propTypes2.default.object\n} : {};\n\nexports.default = ListItem;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = undefined;\n\nvar _Dialog = require('./Dialog');\n\nvar _Dialog2 = _interopRequireDefault(_Dialog);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nexports.default = _Dialog2.default;","module.exports = function (module) {\n if (!module.webpackPolyfill) {\n module.deprecate = function () {};\n\n module.paths = [];\n // module.parent = undefined by default\n\n if (!module.children)\n module.children = [];\n\n Object.defineProperty(module, "loaded", {\n enumerable: true,\n get: function get() {\n return module.l;\n }\n });\n\n Object.defineProperty(module, "id", {\n enumerable: true,\n get: function get() {\n return module.i;\n }\n });\n\n module.webpackPolyfill = 1;\n }\n\n return module;\n};","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _Tooltip = require('./internal/Tooltip');\n\nvar _Tooltip2 = _interopRequireDefault(_Tooltip);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nfunction getStyles(props, context) {\n var tableHeaderColumn = context.muiTheme.tableHeaderColumn;\n\n return {\n root: {\n fontWeight: 'normal',\n fontSize: 12,\n paddingLeft: tableHeaderColumn.spacing,\n paddingRight: tableHeaderColumn.spacing,\n height: tableHeaderColumn.height,\n textAlign: 'left',\n whiteSpace: 'nowrap',\n textOverflow: 'ellipsis',\n color: tableHeaderColumn.textColor,\n position: 'relative'\n },\n tooltip: {\n boxSizing: 'border-box',\n marginTop: tableHeaderColumn.height / 2\n }\n };\n}\n\nvar TableHeaderColumn = function (_Component) {\n (0, _inherits3.default)(TableHeaderColumn, _Component);\n\n function TableHeaderColumn() {\n var _ref;\n\n var _temp, _this, _ret;\n\n (0, _classCallCheck3.default)(this, TableHeaderColumn);\n\n for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n args[_key] = arguments[_key];\n }\n\n return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref =


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TableHeaderColumn.__proto__ || (0, _getPrototypeOf2.default)(TableHeaderColumn)).call.apply(_ref,
[this].concat(args))), _this), _this.state = {\n  hovered: false\n }, _this.onMouseEnter = function () {\n  if
(_this.props.tooltip !== undefined) {\n    _this.setState({\n      hovered: true\n    });\n  }\n },
_this.onMouseLeave = function () {\n  if (_this.props.tooltip !== undefined) {\n    _this.setState({\n
hovered: false\n    });\n  }\n }, _this.onClick = function (event) {\n  if (_this.props.onClick) {\n
_this.props.onClick(event, _this.props.columnNumber);\n  }\n }, _temp), (0,
_possibleConstructorReturn3.default)(_this, _ret);\n }\n\n (0, _createClass3.default)(TableHeaderColumn, [{\n
key: 'render',\n  value: function render() {\n    var _props = this.props,\n        children = _props.children,\n
className = _props.className,\n        columnNumber = _props.columnNumber,\n        hoverable =
_props.hoverable,\n        onClick = _props.onClick,\n        onHover = _props.onHover,\n        onHoverExit =
_props.onHoverExit,\n        style = _props.style,\n        tooltip = _props.tooltip,\n        tooltipStyle =
_props.tooltipStyle,\n        other = (0, _objectWithoutProperties3.default)(_props, ['children', 'className',
'columnNumber', 'hoverable', 'onClick', 'onHover', 'onHoverExit', 'style', 'tooltip', 'tooltipStyle']);\n    var
prepareStyles = this.context.muiTheme.prepareStyles;\n    var styles = getStyles(this.props, this.context);\n    var
handlers = {\n      onMouseEnter: this.onMouseEnter,\n      onMouseLeave: this.onMouseLeave,\n      onClick:
this.onClick\n    };\n    var tooltipNode = void 0;\n    if (tooltip !== undefined) {\n      tooltipNode =
_react2.default.createElement(_Tooltip2.default, {\n        label: tooltip,\n        show: this.state.hovered,\n
style: (0, _simpleAssign2.default)(styles.tooltip, tooltipStyle)\n      });\n    }\n    return
_react2.default.createElement('th', (0, _extends3.default)({\n      className: className,\n      style:
prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n    }, handlers, other), tooltipNode, children);\n  }
]);\n  return TableHeaderColumn;\n})(_react.Component);\n\nTableHeaderColumn.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nTableHeaderColumn.propTypes = process.env.NODE_ENV !==
'production' ? {\n  children: _propTypes2.default.node,\n\n  /**\n   * The css class name of the root element.\n
*/\n  className: _propTypes2.default.string,\n\n  /**\n   * Number to identify the header row. This property\n   * is
automatically populated when used with TableHeader.\n   */\n  columnNumber: _propTypes2.default.number,\n\n
/**\n   * @ignore\n   * Not used here but we need to remove it from the root element.\n   */\n  hoverable:
_propTypes2.default.bool,\n\n  /** @ignore */\n  onClick: _propTypes2.default.func,\n\n  /**\n   * @ignore\n   *
Not used here but we need to remove it from the root element.\n   */\n  onHover: _propTypes2.default.func,\n\n
/**\n   * @ignore\n   * Not used here but we need to remove it from the root element.\n   */\n  onHoverExit:
_propTypes2.default.func,\n\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style:
_propTypes2.default.object,\n\n  /**\n   * The string to supply to the tooltip. If not\n   * string is supplied no tooltip
will be shown.\n   */\n  tooltip: _propTypes2.default.string,\n\n  /**\n   * Additional styling that can be applied
to the tooltip.\n   */\n  tooltipStyle: _propTypes2.default.object\n} : {};\n\nexports.default =
TableHeaderColumn;"/**\n * A faster alternative to `Function#apply`, this function invokes `func`\n * with the
`this` binding of `thisArg` and the arguments of `args`.\n * *\n * @private\n * @param {Function} func The function
to invoke.\n * @param {*} thisArg The `this` binding of `func`.\n * @param {Array} args The arguments to invoke
`func` with.\n * @returns {*} Returns the result of `func`.\n */\nfunction apply(func, thisArg, args) {\n  switch
(args.length) {\n    case 0:\n      return func.call(thisArg);\n    case 1:\n      return func.call(thisArg, args[0]);\n
case 2:\n      return func.call(thisArg, args[0], args[1]);\n    case 3:\n      return func.call(thisArg, args[0], args[1],
args[2]);\n  }\n  return func.apply(thisArg, args);\n}\n\nmodule.exports = apply;"/** Used for built-in method
references. *\nvar objectProto = Object.prototype;/**\n * Checks if `value` is likely a prototype object.\n *\n *
@private\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is a prototype,
else `false`.\n */\nfunction isPrototype(value) {\n  var Ctor = value && value.constructor,\n      proto =
typeof Ctor === 'function' && Ctor.prototype || objectProto;\n  return value === proto;\n}\n\nmodule.exports = isPrototype;"/** Used for built-
in method references. *\nvar objectProto = Object.prototype;/**\n * Used to check objects for own properties.\n
*/\nvar hasOwnProperty = objectProto.hasOwnProperty;/**\n * Built-in value references. *\nvar
propertyIsEnumerable = objectProto.propertyIsEnumerable;/**\n * Checks if `value` is likely an `arguments`

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object.\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Lang\n * @param {*} value The value
to check.\n * @returns {boolean} Returns `true` if `value` is an `arguments` object,\n * else `false`.\n *
@example\n *\n * _isArguments(function() { return arguments; }());\n * // => true\n *\n * _isArguments([1, 2,
3]);\n * // => false\n *\n\nvar isArguments = baseIsArguments(function () {\n return arguments;\n})();
baseIsArguments : function (value) {\n return isObjectLike(value) && hasOwnProperty.call(value, 'callee') &&
!propertyIsEnumerable.call(value, 'callee');\n};\n\nmodule.exports = isArguments;","var baseIsTypedArray =
require('./_baseIsTypedArray'),\n baseUnary = require('./_baseUnary'),\n nodeUtil = require('./_nodeUtil');\n\n/*
Node.js helper references. *\n\nvar nodeIsTypedArray = nodeUtil && nodeUtil.isTypedArray;\n\n/**\n * Checks if
`value` is classified as a typed array.\n *\n * @static\n * @memberOf _\n * @since 3.0.0\n * @category Lang\n *
@param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is a typed array, else
`false`.\n *
@example\n *\n * _isTypedArray(new Uint8Array);\n * // => true\n *\n * _isTypedArray([]);\n * // =>
false\n *\n\nvar isTypedArray = nodeIsTypedArray ? baseUnary(nodeIsTypedArray) :
baseIsTypedArray;\n\nmodule.exports = isTypedArray;","var getNative = require('./_getNative');\n\n/* Built-in method
references that are verified to be native. *\n\nvar nativeCreate = getNative(Object, 'create');\n\nmodule.exports =
nativeCreate;","var listCacheClear = require('./_listCacheClear'),\n listCacheDelete =
require('./_listCacheDelete'),\n listCacheGet = require('./_listCacheGet'),\n listCacheHas =
require('./_listCacheHas'),\n listCacheSet = require('./_listCacheSet');\n\n/**\n * Creates an list cache object.\n *\n *
@private\n * @constructor\n * @param {Array} [entries] The key-value pairs to cache.\n *\n\nfunction
ListCache(entries) {\n var index = -1,\n length = entries == null ? 0 : entries.length;\n this.clear();\n\n while
(++index < length) {\n var entry = entries[index];\n this.set(entry[0], entry[1]);\n }\n } // Add methods to
`ListCache`.\n\nListCache.prototype.clear = listCacheClear;\nListCache.prototype['delete'] =
listCacheDelete;\nListCache.prototype.get = listCacheGet;\nListCache.prototype.has =
listCacheHas;\nListCache.prototype.set = listCacheSet;\n\nmodule.exports = ListCache;","var eq =
require('./_eq');\n\n/**\n * Gets the index at which the `key` is found in `array` of key-value pairs.\n *\n *
@private\n * @param {Array} array The array to inspect.\n * @param {*} key The key to search for.\n * @returns {number}
Returns the index of the matched value, else `-1`.\n *\n\nfunction assocIndexOf(array, key) {\n var length =
array.length;\n\n while (length--) {\n if (eq(array[length][0], key)) {\n return length;\n }\n }\n\n return -
1;\n }\n\nmodule.exports = assocIndexOf;","var isKeyable = require('./_isKeyable');\n\n/**\n * Gets the data for
`map`.\n *\n * @private\n * @param {Object} map The map to query.\n * @param {string} key The reference
key.\n * @returns {*} Returns the map data.\n *\n\nfunction getMapData(map, key) {\n var data =
map.__data__;\n return isKeyable(key) ? data[typeof key == 'string' ? 'string' : 'hash'] :
data.map;\n }\n\nmodule.exports = getMapData;","var flatten = require('./_flatten'),\n overRest =
require('./_overRest'),\n setToString = require('./_setToString');\n\n/**\n * A specialized version of `baseRest` which
flattens the rest array.\n *\n * @private\n * @param {Function} func The function to apply a rest parameter to.\n *
@returns {Function} Returns the new function.\n *\n\nfunction flatRest(func) {\n return
setToString(overRest(func, undefined, flatten), func + '');\n }\n\nmodule.exports = flatRest;","/**\n * Appends the
elements of `values` to `array`.\n *\n * @private\n * @param {Array} array The array to modify.\n * @param
{Array} values The values to append.\n * @returns {Array} Returns `array`.\n *\n\nfunction arrayPush(array, values)
{\n var index = -1,\n length = values.length,\n offset = array.length;\n\n while (++index < length) {\n
array[offset + index] = values[index];\n }\n\n return array;\n }\n\nmodule.exports = arrayPush;","var ListCache =
require('./_ListCache'),\n stackClear = require('./_stackClear'),\n stackDelete = require('./_stackDelete'),\n
stackGet = require('./_stackGet'),\n stackHas = require('./_stackHas'),\n stackSet = require('./_stackSet');\n\n/**\n *
Creates a stack cache object to store key-value pairs.\n *\n * @private\n * @constructor\n * @param {Array}
[entries] The key-value pairs to cache.\n *\n\nfunction Stack(entries) {\n var data = this.__data__ = new
ListCache(entries);\n this.size = data.size;\n } // Add methods to `Stack`.\n\nStack.prototype.clear =
stackClear;\nStack.prototype['delete'] = stackDelete;\nStack.prototype.get = stackGet;\nStack.prototype.has =
stackHas;\nStack.prototype.set = stackSet;\n\nmodule.exports = Stack;","/**\n * Copies the values of `source` to
`array`.\n *\n * @private\n * @param {Array} source The array to copy values from.\n * @param {Array}

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[array=[]] The array to copy values to.\n * @returns {Array} Returns `array`.\n */\nfunction copyArray(source,
array) {\n  var index = -1,\n      length = source.length;\n  array || (array = Array(length));\n\n  while (++index <
length) {\n    array[index] = source[index];\n  }\n\n  return array;\n}\n\nmodule.exports = copyArray;","var overArg
= require('./_overArg');\n/** Built-in value references. */\n\nvar getPrototype = overArg(Object.getPrototypeOf,
Object);\nmodule.exports = getPrototype;","var MapCache = require('./_MapCache'),\n    setCacheAdd =
require('./_setCacheAdd'),\n    setCacheHas = require('./_setCacheHas');\n/**\n * Creates an array cache object
to store unique values.\n *\n * @private\n * @constructor\n * @param {Array} [values] The values to cache.\n
*/\n\nfunction SetCache(values) {\n  var index = -1,\n      length = values == null ? 0 : values.length;\n\n  this.__data__ = new MapCache();\n\n  while (++index < length) {\n    this.add(values[index]);\n  }\n} // Add
methods to `SetCache`.\n\nSetCache.prototype.add = SetCache.prototype.push =
setCacheAdd;\nSetCache.prototype.has = setCacheHas;\nmodule.exports = SetCache;","/**\n * Checks if a `cache`
value for `key` exists.\n *\n * @private\n * @param {Object} cache The cache to query.\n * @param {string} key
The key of the entry to check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n
*/\n\nfunction cacheHas(cache, key) {\n  return cache.has(key);\n}\n\nmodule.exports = cacheHas;","/**\n * The base
implementation of `_.findIndex` and `_.findLastIndex` without\n * support for iteratee shorthands.\n *\n * @private\n * @param {Array} array The array to inspect.\n * @param {Function} predicate The function invoked
per iteration.\n * @param {number} fromIndex The index to search from.\n * @param {boolean} [fromRight]
Specify iterating from right to left.\n * @returns {number} Returns the index of the matched value, else `-1`.\n
*/\n\nfunction baseFindIndex(array, predicate, fromIndex, fromRight) {\n  var length = array.length,\n      index =
fromIndex + (fromRight ? 1 : -1);\n\n  while (fromRight ? index-- : ++index < length) {\n    if
(predicate(array[index], index, array)) {\n      return index;\n    }\n  }\n\n  return -1;\n}\n\nmodule.exports =
baseFindIndex;","var baseSlice = require('./_baseSlice');\n/**\n * The base implementation of methods like
`_.dropWhile` and `_.takeWhile`\n * without support for iteratee shorthands.\n *\n * @private\n * @param {Array}
array The array to query.\n * @param {Function} predicate The function invoked per iteration.\n * @param
{boolean} [isDrop] Specify dropping elements instead of taking them.\n * @param {boolean} [fromRight] Specify
iterating from right to left.\n * @returns {Array} Returns the slice of `array`.\n */\n\nfunction baseWhile(array,
predicate, isDrop, fromRight) {\n  var length = array.length,\n      index = fromRight ? length : -1;\n\n  while
((fromRight ? index-- : ++index < length) && predicate(array[index], index, array)) {\n  }\n\n  return isDrop ?
baseSlice(array, fromRight ? 0 : index, fromRight ? index + 1 : length) : baseSlice(array, fromRight ? index + 1 : 0,
fromRight ? length : index);\n}\n\nmodule.exports = baseWhile;","var baseSortedIndexBy =
require('./_baseSortedIndexBy'),\n    identity = require('./identity'),\n    isSymbol = require('./isSymbol');\n/** Used
as references for the maximum length and index of an array. */\n\nvar MAX_ARRAY_LENGTH =
4294967295,\n    HALF_MAX_ARRAY_LENGTH = MAX_ARRAY_LENGTH >>> 1;\n/**\n * The base
implementation of `_.sortedIndex` and `_.sortedLastIndex` which\n * performs a binary search of `array` to
determine the index at which `value`\n * should be inserted into `array` in order to maintain its sort order.\n
*/\n\n * @private\n * @param {Array} array The sorted array to inspect.\n * @param {*} value The value to evaluate.\n
* @param {boolean} [retHighest] Specify returning the highest qualified index.\n * @returns {number} Returns the
index at which `value` should be inserted\n * into `array`.\n */\n\nfunction baseSortedIndex(array, value,
retHighest) {\n  var low = 0,\n      high = array == null ? low : array.length;\n\n  if (typeof value == 'number' &&
value === value && high <= HALF_MAX_ARRAY_LENGTH) {\n    while (low < high) {\n      var mid = low +
high >>> 1,\n          computed = array[mid];\n\n      if (computed !== null && !isSymbol(computed) && (retHighest
? computed <= value : computed < value)) {\n        low = mid + 1;\n      } else {\n        high = mid;\n      }\n    }\n\n    return high;\n  }\n\n  return baseSortedIndexBy(array, value, identity, retHighest);\n}\n\nmodule.exports =
baseSortedIndex;","/**\n * A specialized version of `_.map` for arrays without support for iteratee\n * shorthands.\n
*\n * @private\n * @param {Array} [array] The array to iterate over.\n * @param {Function} iteratee The function
invoked per iteration.\n * @returns {Array} Returns the new mapped array.\n */\n\nfunction arrayMap(array, iteratee)
{\n  var index = -1,\n      length = array == null ? 0 : array.length,\n      result = Array(length);\n\n  while (++index <
length) {\n    result[index] = iteratee(array[index], index, array);\n  }\n\n  return result;\n}\n\nexport default

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arrayMap;"/** Detect free variable `global` from Node.js. */\nvar freeGlobal = typeof global === 'object' &&
global && global.Object === Object && global;\nexport default freeGlobal;"/**\n * Copies the values of `source`
to `array`. \n * @private\n * @param {Array} source The array to copy values from.\n * @param {Array}
[array=[]] The array to copy values to.\n * @returns {Array} Returns `array`. \n */\nfunction copyArray(source,
array) {\n  var index = -1,\n      length = source.length;\n  array || (array = Array(length));\n\n  while (++index <
length) {\n    array[index] = source[index];\n  }\n\n  return array;\n}\n\nexport default copyArray;"/**\n * Creates
a unary function that invokes `func` with its argument transformed. \n * @private\n * @param {Function} func
The function to wrap. \n * @param {Function} transform The argument transform. \n * @returns {Function} Returns
the new function. \n */\nfunction overArg(func, transform) {\n  return function (arg) {\n    return
func(transform(arg));\n  };\n}\n\nexport default overArg;"/**\n * `var isEvent = function isEvent(candidate) {\n
return
!!(candidate && candidate.stopPropagation && candidate.preventDefault);\n};\n\nexport default isEvent;"/**\n * import
MapCache from `./_MapCache.js`;\n */\n\n/** Error message constants. */\n\nvar FUNC_ERROR_TEXT = 'Expected a
function';\n\n/**\n * Creates a function that memoizes the result of `func`. If `resolver` is\n * provided, it
determines the cache key for storing the result based on the\n * arguments provided to the memoized function.
By default, the first argument\n * provided to the memoized function is used as the map cache key. The
`func`\n * is invoked with the `this` binding of the memoized function. \n * @private\n * **Note:** The
cache is exposed as the `cache` property on the memoized\n * function. Its creation may be customized by
replacing the `_.memoize.Cache`\n * constructor with one whose instances implement the\n * [Map`](http://ecma-international.org/ecma-262/7.0/#sec-properties-of-the-map-prototype-object)\n * method interface of `clear`, `delete`, `get`, `has`, and `set`. \n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Function\n * @param {Function} func The function to have its
output memoized. \n * @param {Function} [resolver] The function to resolve the cache key. \n * @returns
{Function} Returns the new memoized function. \n * @example\n * \n * var object = { 'a': 1, 'b': 2 }; \n *
var other = { 'c': 3, 'd': 4 }; \n * \n * var values = _memoize(_.values); \n * values(object); \n * // => [1, 2] \n *
values(other); \n * // => [3, 4] \n * \n * object.a = 2; \n * values(object); \n * // => [1, 2] \n * \n *
// Modify the result cache. \n * \n * values.cache.set(object, ['a', 'b']); \n * values(object); \n * // => ['a', 'b'] \n * \n * // Replace `_.memoize.Cache`. \n * \n * _memoize.Cache = WeakMap;\n */\n\nfunction memoize(func, resolver) {\n  if (typeof func != 'function' || resolver
!= null && typeof resolver != 'function') {\n    throw new TypeError(FUNC_ERROR_TEXT);\n  }\n\n  var
memoized = function memoized() {\n    var args = arguments,\n        key = resolver ? resolver.apply(this, args) :
args[0],\n        cache = memoized.cache;\n\n    if (cache.has(key)) {\n      return cache.get(key);\n    }\n\n    var result = func.apply(this, args);\n    memoized.cache = cache.set(key, result) || cache;\n    return result;\n  };\n\n  memoized.cache = new (memoize.Cache || MapCache)();\n  return memoized;\n} // Expose
`MapCache`. \n\nmemoize.Cache = MapCache;\nexport default memoize;"/**\n * import memoize from
`./memoize.js`;\n */\n\n/** Used as the maximum memoize cache size. */\n\nvar MAX_MEMOIZE_SIZE = 500;\n\n/**\n * A
specialized version of `_.memoize` which clears the memoized function's\n * cache when it exceeds
`MAX_MEMOIZE_SIZE`. \n * @private\n * @param {Function} func The function to have its output
memoized. \n * @returns {Function} Returns the new memoized function. \n */\n\nfunction memoizeCapped(func)
{\n  var result = memoize(func, function (key) {\n    if (cache.size === MAX_MEMOIZE_SIZE) {\n      cache.clear();\n    }\n\n    return key;\n  });\n  var cache = result.cache;\n  return result;\n}\n\nexport default
memoizeCapped;"/**\n * import memoizeCapped from `./_memoizeCapped.js`;\n */\n\n/** Used to match property names within
property paths. */\n\nvar rePropName = /^[^.\[\]]+\\|\\[(?|-
?\\d+(?:\\.\\d+)?)([\\"])(?:\\.|\\2)[^\\\\\\|\\|\\.\\?]*?\\2\\]?(?=\\.|\\|\\|\\|)(?\\.\\|\\|\\|\\|\\|\\|\\|\\|)$)/g;\n\n/** Used to match backslashes in
property paths. */\n\nvar reEscapeChar = /\\\\(\\\\)?/g;\n\n/**\n * Converts `string` to a property path array. \n *
@private\n * @param {string} string The string to convert. \n * @returns {Array} Returns the property path array. \n */\n\nvar stringToPath = memoizeCapped(function (string) {\n  var result = [];\n  if (string.charCodeAt(0) ===
46\n /* `.` */ ) {\n    result.push("");\n  }\n\n  string.replace(rePropName, function (match, number, quote,
subString) {\n    result.push(quote ? subString.replace(reEscapeChar, '$1') : number || match);\n  });\n  return
result;\n});\n\nexport default stringToPath;"/**\n * import Symbol from `./_Symbol.js`;\n * import arrayMap from
`./_arrayMap.js`;\n * import isArray from `./isArray.js`;\n * import isSymbol from `./isSymbol.js`;\n */\n\n/** Used as references

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for various `Number` constants. */\n\nvar INFINITY = 1 / 0;\n/** Used to convert symbols to primitives and strings.
*\n\nvar symbolProto = Symbol ? Symbol.prototype : undefined,\n    symbolToString = symbolProto ?
symbolProto.toString : undefined;\n/**\n * The base implementation of `_.toString` which doesn't convert nullish\n
* values to empty strings.\n * @private\n * @param {*} value The value to process.\n * @returns {string}
Returns the string.\n */\n\nfunction baseToString(value) {\n // Exit early for strings to avoid a performance hit in
some environments.\n if (typeof value == 'string') {\n return value;\n }\n\n if (isArray(value)) {\n //
Recursively convert values (susceptible to call stack limits).\n return arrayMap(value, baseToString) + '';\n }\n\n
if (isSymbol(value)) {\n return symbolToString ? symbolToString.call(value) : '';\n }\n\n var result = value + '';\n
return result == '0' && 1 / value == -INFINITY ? '-0' : result;\n}\n\nexport default baseToString;","import
baseToString from './_baseToString.js';\n/**\n * Converts `value` to a string. An empty string is returned for `null`\n
* and `undefined` values. The sign of `-0` is preserved.\n * @static\n * @memberOf _\n * @since 4.0.0\n *
@category Lang\n * @param {*} value The value to convert.\n * @returns {string} Returns the converted string.\n
* @example\n *\n * _.toString(null);\n * // => ''\n *\n * _.toString(-0);\n * // => '-0'\n *\n * _.toString([1, 2, 3]);\n *
// => '1,2,3'\n */\n\nfunction toString(value) {\n return value == null ? '' : baseToString(value);\n}\n\nexport default
toString;","/**\n * Creates a base function for methods like `_.forIn` and `_.forOwn`.\n * @private\n * @param
{boolean} [fromRight] Specify iterating from right to left.\n * @returns {Function} Returns the new base
function.\n */\n\nfunction createBaseFor(fromRight) {\n return function (object, iteratee, keysFunc) {\n var index =
-1,\n     iterable = Object(object),\n     props = keysFunc(object),\n     length = props.length;\n\n while
(length--> 0) {\n var key = props[fromRight ? length : ++index];\n\n if (iteratee(iterable[key], key, iterable) ===
false) {\n break;\n }\n }\n\n return object;\n };\n}\n\nexport default createBaseFor;","import
createBaseFor from './_createBaseFor.js';\n/**\n * The base implementation of `baseForOwn` which iterates over
`object`\n * properties returned by `keysFunc` and invokes `iteratee` for each property.\n * Iteratee functions may
exit iteration early by explicitly returning `false`.\n * @private\n * @param {Object} object The object to iterate
over.\n * @param {Function} iteratee The function invoked per iteration.\n * @param {Function} keysFunc The
function to get the keys of `object`.\n * @returns {Object} Returns `object`.\n */\n\nvar baseFor =
createBaseFor();\nexport default baseFor;","/**\n * The base implementation of `_.times` without support for
iteratee shorthands\n * or max array length checks.\n * @private\n * @param {number} n The number of times
to invoke `iteratee`.\n * @param {Function} iteratee The function invoked per iteration.\n * @returns {Array}
Returns the array of results.\n */\n\nfunction baseTimes(n, iteratee) {\n var index = -1,\n     result = Array(n);\n\n
while (++index < n) {\n result[index] = iteratee(index);\n }\n\n return result;\n}\n\nexport default
baseTimes;","import baseTimes from './_baseTimes.js';\nimport isArguments from './isArguments.js';\nimport
isArray from './isArray.js';\nimport isBuffer from './isBuffer.js';\nimport isIndex from './_isIndex.js';\nimport
isTypedArray from './isTypedArray.js';\n/** Used for built-in method references. */\n\nvar objectProto =
Object.prototype;\n/** Used to check objects for own properties. */\n\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n/**\n * Creates an array of the enumerable property names of the array-like
`value`.\n * @private\n * @param {*} value The value to query.\n * @param {boolean} inherited Specify
returning inherited property names.\n * @returns {Array} Returns the array of property names.\n */\n\nfunction
arrayLikeKeys(value, inherited) {\n var isArr = isArray(value),\n     isArg = !isArr && isArguments(value),\n
isBuff = !isArr && !isArg && isBuffer(value),\n     isType = !isArr && !isArg && !isBuff &&
isTypedArray(value),\n     skipIndexes = isArr || isArg || isBuff || isType,\n     result = skipIndexes ?
baseTimes(value.length, String) : [],\n     length = result.length;\n\n for (var key in value) {\n if ((inherited ||
hasOwnProperty.call(value, key)) && !(skipIndexes && (// Safari 9 has enumerable `arguments.length` in strict
mode.\n key == 'length' || // Node.js 0.10 has enumerable non-index properties on buffers.\n isBuff && (key ==
'offset' || key == 'parent') || // PhantomJS 2 has enumerable non-index properties on typed arrays.\n isType &&
(key == 'buffer' || key == 'byteLength' || key == 'byteOffset') || // Skip index properties.\n isIndex(key, length))))\n
result.push(key);\n }\n }\n\n return result;\n}\n\nexport default arrayLikeKeys;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _pure = require('react-pure');\n\nvar

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_pure2 = _interopRequireDefault(_pure);\n\nvar _SvgIcon = require('./../SvgIcon');\n\nvar _SvgIcon2 =
_interopRequireDefault(_SvgIcon);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ?
obj : {\n default: obj\n };\n}\n\nvar ContentAdd = function ContentAdd(props) {\n return
_react2.default.createElement(_SvgIcon2.default, props, _react2.default.createElement('path', {\n d: 'M19 13h-
6v6h-2v-6H5v-2h6V5h2v6h6v2z'\n }));\n};\n\nContentAdd = (0,
_pure2.default)(ContentAdd);\nContentAdd.displayName = 'ContentAdd';\nContentAdd.muiName =
'SvgIcon';\nexports.default = ContentAdd;","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n
value: true\n});\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _pure =
require('recompose/pure');\n\nvar _pure2 = _interopRequireDefault(_pure);\n\nvar _SvgIcon =
require('./../SvgIcon');\n\nvar _SvgIcon2 = _interopRequireDefault(_SvgIcon);\n\nfunction
_interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nvar
ContentRemove = function ContentRemove(props) {\n return _react2.default.createElement(_SvgIcon2.default,
props, _react2.default.createElement('path', {\n d: 'M19 13H5v-2h14v2z'\n }));\n};\n\nContentRemove = (0,
_pure2.default)(ContentRemove);\nContentRemove.displayName = 'ContentRemove';\nContentRemove.muiName
= 'SvgIcon';\nexports.default = ContentRemove;","var isHotReloading = function isHotReloading() {\n return
!!(typeof module !== 'undefined' && module.hot && typeof module.hot.status === 'function' &&
module.hot.status() === 'apply');\n};\n\nexport default isHotReloading;","module.exports = {\n 'chunk':
require('./chunk'),\n 'compact': require('./compact'),\n 'concat': require('./concat'),\n 'difference':
require('./difference'),\n 'differenceBy': require('./differenceBy'),\n 'differenceWith': require('./differenceWith'),\n
'drop': require('./drop'),\n 'dropRight': require('./dropRight'),\n 'dropRightWhile': require('./dropRightWhile'),\n
'dropWhile': require('./dropWhile'),\n 'fill': require('./fill'),\n 'findIndex': require('./findIndex'),\n 'findLastIndex':
require('./findLastIndex'),\n 'first': require('./first'),\n 'flatten': require('./flatten'),\n 'flattenDeep':
require('./flattenDeep'),\n 'flattenDepth': require('./flattenDepth'),\n 'fromPairs': require('./fromPairs'),\n 'head':
require('./head'),\n 'indexOf': require('./indexOf'),\n 'initial': require('./initial'),\n 'intersection':
require('./intersection'),\n 'intersectionBy': require('./intersectionBy'),\n 'intersectionWith':
require('./intersectionWith'),\n 'join': require('./join'),\n 'last': require('./last'),\n 'lastIndexOf':
require('./lastIndexOf'),\n 'nth': require('./nth'),\n 'pull': require('./pull'),\n 'pullAll': require('./pullAll'),\n
'pullAllBy': require('./pullAllBy'),\n 'pullAllWith': require('./pullAllWith'),\n 'pullAt': require('./pullAt'),\n
'remove': require('./remove'),\n 'reverse': require('./reverse'),\n 'slice': require('./slice'),\n 'sortedIndex':
require('./sortedIndex'),\n 'sortedIndexBy': require('./sortedIndexBy'),\n 'sortedIndexOf':
require('./sortedIndexOf'),\n 'sortedLastIndex': require('./sortedLastIndex'),\n 'sortedLastIndexBy':
require('./sortedLastIndexBy'),\n 'sortedLastIndexOf': require('./sortedLastIndexOf'),\n 'sortedUniq':
require('./sortedUniq'),\n 'sortedUniqBy': require('./sortedUniqBy'),\n 'tail': require('./tail'),\n 'take':
require('./take'),\n 'takeRight': require('./takeRight'),\n 'takeRightWhile': require('./takeRightWhile'),\n 'takeWhile':
require('./takeWhile'),\n 'union': require('./union'),\n 'unionBy': require('./unionBy'),\n 'unionWith':
require('./unionWith'),\n 'uniq': require('./uniq'),\n 'uniqBy': require('./uniqBy'),\n 'uniqWith':
require('./uniqWith'),\n 'unzip': require('./unzip'),\n 'unzipWith': require('./unzipWith'),\n 'without':
require('./without'),\n 'xor': require('./xor'),\n 'xorBy': require('./xorBy'),\n 'xorWith': require('./xorWith'),\n 'zip':
require('./zip'),\n 'zipObject': require('./zipObject'),\n 'zipObjectDeep': require('./zipObjectDeep'),\n 'zipWith':
require('./zipWith')\n};","// optional / simple context binding\nvar aFunction = require('./_a-
function');\n\nmodule.exports = function (fn, that, length) {\n aFunction(fn);\n\n if (that === undefined) return
fn;\n\n switch (length) {\n case 1:\n return function (a) {\n return fn.call(that, a);\n };}\n\n case 2:\n
return function (a, b) {\n return fn.call(that, a, b);\n };}\n\n case 3:\n return function (a, b, c) {\n
return fn.call(that, a, b, c);\n };}\n\n }\n\n return function ()\n /* ...args */\n {\n return fn.apply(that,
arguments);\n };\n};","// 7.1.1 ToPrimitive(input [, PreferredType])\nvar isObject = require('./_is-object'); // instead
of the ES6 spec version, we didn't implement @@toPrimitive case\n// and the second argument - flag - preferred
type is a string\n\nmodule.exports = function (it, S) {\n if (!isObject(it)) return it;\n\n var fn, val;\n\n if (S && typeof
(fn = it.toString) === 'function' && !isObject(val = fn.call(it))) return val;\n\n if (typeof (fn = it.valueOf) === 'function'

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&& !isObject(val = fn.call(it))) return val;\n if (!S && typeof (fn = it.toString) === 'function' && !isObject(val =
fn.call(it))) return val;\n throw TypeError(\`Can't convert object to primitive value\`);\n};\`,`var toString =
{ }.toString;\n\nmodule.exports = function (it) {\n return toString.call(it).slice(8, -1);\n};`,`\`// 7.2.1
RequireObjectCoercible(argument)\nmodule.exports = function (it) {\n if (it == undefined) throw
TypeError(\`Can't call method on ` + it);\n return it;\n};`,`\`// 7.1.4 ToInteger\nvar ceil = Math.ceil;\nvar floor =
Math.floor;\n\nmodule.exports = function (it) {\n return isNaN(it) ? 0 : (it > 0 ? floor : ceil)(it);\n};`,`\`var
shared = require('./_shared')(`keys`);\n\nvar uid = require('./_uid');\n\nmodule.exports = function (key) {\n return
shared[key] || (shared[key] = uid(key));\n};`,`\`var core = require('./_core');\n\nvar global = require('./_global');\n\nvar
SHARED = `__core-js_shared__`;\nvar store = global[SHARED] || (global[SHARED] = { });\n\n(module.exports =
function (key, value) {\n return store[key] || (store[key] = value !== undefined ? value : { });\n})(`versions`,
 []).push({\n version: core.version,\n mode: require('./_library') ? `pure` : `global`,\n copyright: `© 2018 Denis
Pushkarev (zloirock.ru)`);\n};`,`\`// IE 8- don't enum bug keys\nmodule.exports =
`constructor,hasOwnProperty,isPrototypeOf,propertyIsEnumerable,toLocaleString,toString,valueOf`.split`,`);`,`\`expo
rts.f = Object.getOwnPropertySymbols;`,`\`// 19.1.2.2 / 15.2.3.5 Object.create(O [, Properties])\n\nvar anObject =
require('./_an-object');\n\nvar dPs = require('./_object-dps');\n\nvar enumBugKeys = require('./_enum-bug-
keys');\n\nvar IE_PROTO = require('./_shared-key')(`IE_PROTO`);\n\nvar Empty = function Empty() {\n /* empty
*\n};\n\nvar PROTOTYPE = `prototype`; // Create object with fake `null` prototype: use iframe Object with cleared
prototype\n\nvar _createDict = function createDict() {\n // Thrash, waste and sodomy: IE GC bug\n var iframe =
require('./_dom-create')(`iframe`);\n var i = enumBugKeys.length;\n var lt = `<`;\n var gt = `>`;\n var
iframeDocument;\n iframe.style.display = `none`;\n\n require('./_html').appendChild(iframe);\n\n iframe.src =
`javascript:`,`\`eslint-disable-line no-script-url\n // createDict = iframe.contentWindow.Object;\n //
html.removeChild(iframe);\n\n iframeDocument = iframe.contentWindow.document;\n\n iframeDocument.open();\n\n
iframeDocument.write(lt + `script` + gt + `document.F=Object` + lt + `/script` + gt);\n\n iframeDocument.close();\n\n
_createDict = iframeDocument.F;\n\n while (i--) {\n delete _createDict[PROTOTYPE][enumBugKeys[i)];\n
}\n\n return _createDict();\n};\n\nmodule.exports = Object.create || function create(O, Properties) {\n var result;\n\n
if (O !== null) {\n Empty[PROTOTYPE] = anObject(O);\n result = new Empty();\n Empty[PROTOTYPE] =
null;\n // add `__proto__` for Object.getPrototypeOf polyfill\n\n result[IE_PROTO] = O;\n } else result =
_createDict();\n\n return Properties === undefined ? result : dPs(result, Properties);\n};`,`\`var def =
require('./_object-dp').f;\n\nvar has = require('./_has');\n\nvar TAG =
require('./_wks')(`toStringTag`);\n\nmodule.exports = function (it, tag, stat) {\n if (it && !has(it = stat ? it :
it.prototype, TAG)) def(it, TAG, {\n configurable: true,\n value: tag\n
});\n};`,`\`require('./es6.array.iterator');\n\nvar global = require('./_global');\n\nvar hide = require('./_hide');\n\nvar
Iterators = require('./_iterators');\n\nvar TO_STRING_TAG = require('./_wks')(`toStringTag`);\n\nvar DOMIterables
= (`CSSRuleList,CSSStyleDeclaration,CSSValueList,ClientRectList,DOMRectList,DOMStringList,` +
`DOMTokenList,DataTransferItemList,FileList,HTMLAllCollection,HTMLCollection,HTMLFormElement,HTML
SelectElement,` +
`MediaList,MimeTypeArray,NamedNodeMap,NodeList,PaintRequestList,Plugin,PluginArray,SVGLengthList,SVG
NumberList,` +
`SVGPathSegList,SVGPointList,SVGStringList,SVGTransformList,SourceBufferList,StyleSheetList,TextTrackCue
List,` + `TextTrackList,TouchList`).split`,`);\n\nfor (var i = 0; i < DOMIterables.length; i++) {\n var NAME =
DOMIterables[i];\n var Collection = global[NAME];\n var proto = Collection && Collection.prototype;\n if (proto
&& !proto[TO_STRING_TAG]) hide(proto, TO_STRING_TAG, NAME);\n Iterators[NAME] =
Iterators.Array;\n};`,`\`exports.f = require('./_wks');`,`\`var global = require('./_global');\n\nvar core =
require('./_core');\n\nvar LIBRARY = require('./_library');\n\nvar wksExt = require('./_wks-ext');\n\nvar
defineProperty = require('./_object-dp').f;\n\nmodule.exports = function (name) {\n var $Symbol = core.Symbol ||
(core.Symbol = LIBRARY ? { } : global.Symbol || { });\n\n if (name.charAt(0) !== `_` && !(name in $Symbol))
defineProperty($Symbol, name, {\n value: wksExt.f(name)\n });\n};`,`\`use
strict`;\n\nObject.defineProperty(exports, `__esModule`, {\n value: true\n});\n\nvar _getPrototypeOf =

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require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactDom = require('react-dom');\n\nvar _reactDom2 =
_interopRequireDefault(_reactDom);\n\nvar _shallowEqual = require('recompose/shallowEqual');\n\nvar
_shallowEqual2 = _interopRequireDefault(_shallowEqual);\n\nvar _autoPrefix = require('./utils/autoPrefix');\n\nvar
_autoPrefix2 = _interopRequireDefault(_autoPrefix);\n\nvar _transitions = require('./styles/transitions');\n\nvar
_transitions2 = _interopRequireDefault(_transitions);\n\nvar _ScaleIn = require('./ScaleIn');\n\nvar _ScaleIn2 =
_interopRequireDefault(_ScaleIn);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n  };\n}\n\nvar pulsateDuration = 750;\n\nvar FocusRipple = function (_Component) {\n  (0,
_inherits3.default)(FocusRipple, _Component);\n\n  function FocusRipple() {\n    var _ref;\n\n    var _temp, _this,
_ret;\n\n    (0, _classCallCheck3.default)(this, FocusRipple);\n\n    for (var _len = arguments.length, args =
Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp =
(_this = (0, _possibleConstructorReturn3.default)(this, (_ref = FocusRipple.__proto__ || (0,
_getPrototypeOf2.default)(FocusRipple)).call.apply(_ref, [this].concat(args))), _this), _this.pulsate = function () {\n
      var innerCircle = _reactDom2.default.findDOMNode(_this.refs.innerCircle);\n\n      if (!innerCircle) return;\n
      var startScale = 'scale(1)';\n      var endScale = 'scale(0.85)';\n      var currentScale = innerCircle.style.transform ||
startScale;\n      var nextScale = currentScale === startScale ? endScale : startScale;\n\n      _autoPrefix2.default.set(innerCircle.style, 'transform', nextScale);\n\n      _this.timeout = setTimeout(_this.pulsate,
pulsateDuration);\n    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0,
_createClass3.default)(FocusRipple, [{\n    key: 'componentDidMount',\n    value: function componentDidMount()
{\n      if (this.props.show) {\n        this.setRippleSize();\n        this.pulsate();\n      }\n    }}, {\n    key:
'shouldComponentUpdate',\n    value: function shouldComponentUpdate(nextProps, nextState) {\n      return !(0,
_shallowEqual2.default)(this.props, nextProps) || !(0, _shallowEqual2.default)(this.state, nextState);\n    }}, {\n    key:
'componentDidUpdate',\n    value: function componentDidUpdate() {\n      if (this.props.show) {\n        this.setRippleSize();\n        this.pulsate();\n      } else {\n        if (this.timeout) clearTimeout(this.timeout);\n      }\n    }}, {\n    key: 'componentWillUnmount',\n    value: function componentWillUnmount() {\n
clearTimeout(this.timeout);\n    }}, {\n    key: 'getRippleElement',\n    value: function getRippleElement(props)
{\n      var color = props.color,\n          innerStyle = props.innerStyle,\n          opacity = props.opacity;\n      var
_context$muiTheme = this.context.muiTheme,\n          prepareStyles = _context$muiTheme.prepareStyles,\n          ripple =
_context$muiTheme.ripple;\n      var innerStyles = (0, _simpleAssign2.default)({\n        position:
'absolute',\n        height: '100%',\n        width: '100%',\n        borderRadius: '50%',\n        opacity: opacity ? opacity :
0.16,\n        backgroundColor: color || ripple.color,\n        transition: _transitions2.default.easeOut(pulsateDuration +
'ms', 'transform', null, _transitions2.default.easeInOutFunction)\n      }, innerStyle);\n      return
_react2.default.createElement('div', {\n        ref: 'innerCircle',\n        style: prepareStyles((0,
_simpleAssign2.default)({}, innerStyles))\n      });\n    }}, {\n    key: 'setRippleSize',\n    value: function
setRippleSize() {\n      var el = _reactDom2.default.findDOMNode(this.refs.innerCircle);\n\n      var height =
el.offsetHeight;\n      var width = el.offsetWidth;\n      var size = Math.max(height, width);\n      var oldTop = 0; //
For browsers that don't support endsWith()\n\n      if (el.style.top.indexOf('px', el.style.top.length - 2) !== -1) {\n
oldTop = parseInt(el.style.top);\n      }\n\n      el.style.height = size + 'px';\n      el.style.top = height / 2 - size / 2 +
oldTop + 'px';\n    }}, {\n    key: 'render',\n    value: function render() {\n      var _props = this.props,\n          show

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= _props.show,\n      style = _props.style;\n      var mergedRootStyles = (0, _simpleAssign2.default)({\n
height: '100%',\n      width: '100%',\n      position: 'absolute',\n      top: 0,\n      left: 0\n    }, style);\n      var
ripple = show ? this.getRippleElement(this.props) : null;\n      return
_react2.default.createElement(_ScaleIn2.default, {\n      maxScale: 0.85,\n      style: mergedRootStyles\n    },
ripple);\n    }\n  });\n  return FocusRipple;\n})(_react.Component);\n\nFocusRipple.contextTypes = {\n  muiTheme:
_propTypes2.default.isRequired\n};\nFocusRipple.propTypes = process.env.NODE_ENV !== \"production\"
? {\n  color: _propTypes2.default.string,\n  innerStyle: _propTypes2.default.object,\n  opacity:
_propTypes2.default.number,\n  show: _propTypes2.default.bool,\n  style: _propTypes2.default.object\n} :
{};\n\nexports.default = FocusRipple;\",\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value:
true\n});\n\nexports.default = undefined;\n\nvar _AutoComplete = require('./AutoComplete');\n\nvar _AutoComplete2
= _interopRequireDefault(_AutoComplete);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nexports.default = _AutoComplete2.default;\",\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = exports.MenuItem
= exports.Menu = undefined;\n\nvar _Menu2 = require('./Menu');\n\nvar _Menu3 =
_interopRequireDefault(_Menu2);\n\nvar _MenuItem2 = require('./MenuItem');\n\nvar _MenuItem3 =
_interopRequireDefault(_MenuItem2);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule
? obj : {\n    default: obj\n  };\n}\n\nexports.Menu = _Menu3.default;\n\nexports.MenuItem =
_MenuItem3.default;\n\nexports.default = _Menu3.default;\",\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n  value: true\n});\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-
of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 =
require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _react =
require('react');\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =
_interopRequireDefault(_propTypes);\n\nvar _ReactDOM = require('react-dom');\n\nvar _ReactDOM2 =
_interopRequireDefault(_ReactDOM);\n\nvar _events = require('./utils/events');\n\nvar _events2 =
_interopRequireDefault(_events);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj
: {\n    default: obj\n  };\n}\n\nvar isDescendant = function isDescendant(el, target) {\n  if (target !== null) {\n
return el === target || isDescendant(el, target.parentNode);\n  }\n\n  return false;\n};\n\nvar clickAwayEvents =
['mouseup', 'touchend'];\n\nvar bind = function bind(callback) {\n  return clickAwayEvents.forEach(function (event)
{\n    return _events2.default.on(document, event, callback);\n  });\n};\n\nvar unbind = function unbind(callback)
{\n  return clickAwayEvents.forEach(function (event) {\n    return _events2.default.off(document, event,
callback);\n  });\n};\n\nvar ClickAwayListener = function (_Component) {\n  (0,
_inherits3.default)(ClickAwayListener, _Component);\n\n  function ClickAwayListener() {\n    var _ref;\n    var
_temp, _this, _ret;\n    (0, _classCallCheck3.default)(this, ClickAwayListener);\n    for (var _len =
arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n
}\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref =
ClickAwayListener.__proto__ || (0, _getPrototypeOf2.default)(ClickAwayListener)).call.apply(_ref,
[this].concat(args))), _this), _this.handleClickAway = function (event) {\n      if (event.defaultPrevented) {\n
return;\n      } // IE11 support, which trigger the handleClickAway even after the unbind\n\n      if
(_this.isCurrentlyMounted) {\n        var el = _ReactDOM2.default.findDOMNode(_this);\n\n        if
(document.documentElement.contains(event.target) && !isDescendant(el, event.target)) {\n
_this.props.onClickAway(event);\n        }\n      }\n    }, _temp), (0, _possibleConstructorReturn3.default)(_this,
_ret);\n  }\n\n  (0, _createClass3.default)(ClickAwayListener, [{\n    key: 'componentDidMount',\n    value: function
componentDidMount() {\n      this.isCurrentlyMounted = true;\n\n      if (this.props.onClickAway) {\n

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bind(this.handleClickAway);\n  }\n  }\n }, {\n  key: 'componentDidUpdate',\n  value: function\n  componentDidUpdate(prevProps) {\n    if (prevProps.onClickAway !== this.props.onClickAway) {\n      unbind(this.handleClickAway);\n      if (this.props.onClickAway) {\n        bind(this.handleClickAway);\n      }\n    }\n  }\n }, {\n  key: 'componentWillUnmount',\n  value: function componentWillUnmount() {\n    this.isCurrentlyMounted = false;\n    unbind(this.handleClickAway);\n  }\n }, {\n  key: 'render',\n  value:\n  function render() {\n    return this.props.children;\n  }\n });\n return\n ClickAwayListener;\n})(_react.Component);\n\nClickAwayListener.propTypes = process.env.NODE_ENV !==\n \"production\" ? {\n  children: _propTypes2.default.element,\n  onClickAway: _propTypes2.default.func\n } :\n {};\nexports.default = ClickAwayListener;\",\"use strict';\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\nvar _extends3 =\n  _interopRequireDefault(_extends2);\nvar _objectWithoutProperties2 = require('babel-\n  runtime/helpers/objectWithoutProperties');\nvar _objectWithoutProperties3 =\n  _interopRequireDefault(_objectWithoutProperties2);\nvar _getPrototypeOf = require('babel-runtime/core-\n  js/object/get-prototype-of');\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\nvar\n  _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\nvar _classCallCheck3 =\n  _interopRequireDefault(_classCallCheck2);\nvar _createClass2 = require('babel-\n  runtime/helpers/createClass');\nvar _createClass3 = _interopRequireDefault(_createClass2);\nvar\n  _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\nvar _inherits2 =\n  require('babel-runtime/helpers/inherits');\nvar _inherits3 = _interopRequireDefault(_inherits2);\nvar\n  _simpleAssign = require('simple-assign');\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\nvar\n  _react = require('react');\nvar _react2 = _interopRequireDefault(_react);\nvar _propTypes = require('prop-\n  types');\nvar _propTypes2 = _interopRequireDefault(_propTypes);\nvar _Subheader =\n  require('../Subheader');\nvar _Subheader2 = _interopRequireDefault(_Subheader);\n\nfunction\n  _interopRequireDefault(obj) {\n    return obj && obj.__esModule ? obj : {\n      default: obj\n    };\n  }\n\nvar List =\n  function (_Component) {\n    (0, _inherits3.default)(List, _Component);\n\n    function List() {\n      (0,\n        _classCallCheck3.default)(this, List);\n      return (0, _possibleConstructorReturn3.default)(this, (List.__proto__ || (0,\n        _getPrototypeOf2.default)(List)).apply(this, arguments));\n    }\n\n    (0, _createClass3.default)(List, [{\n      key:\n      'render',\n      value: function render() {\n        var _props = this.props,\n            children = _props.children,\n            style\n            = _props.style,\n            other = (0, _objectWithoutProperties3.default)(_props, ['children', 'style']);\n        var\n          prepareStyles = this.context.muiTheme.prepareStyles;\n        var hasSubheader = false;\n\n        var firstChild =\n          _react.Children.toArray(children)[0];\n\n        if ((0, _react.isValidElement)(firstChild) && firstChild.type ===\n          _Subheader2.default) {\n          hasSubheader = true;\n        }\n\n        var styles = {\n          root: {\n            padding:\n            (hasSubheader ? 0 : 8) + 'px 0px 8px 0px'\n          }\n        };\n        return _react2.default.createElement('div', (0,\n          _extends3.default)({\n            other: {\n              style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n            }\n          }, children);\n        }\n      ]\n    });\n    return List;\n  })(_react.Component);\n\nList.contextTypes = {\n  muiTheme:\n  _propTypes2.default.object.isRequired\n};\nList.propTypes = process.env.NODE_ENV !== \"production\" ? {\n  /**\n   * These are usually `ListItem`s that are passed to\n   * be part of the list.\n   */\n  children:\n  _propTypes2.default.node,\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style:\n  _propTypes2.default.object\n } : {};\nexports.default = List;\",\"use strict';\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = undefined;\n\nvar _Subheader =\n  require('../Subheader');\nvar _Subheader2 = _interopRequireDefault(_Subheader);\n\nfunction\n  _interopRequireDefault(obj) {\n    return obj && obj.__esModule ? obj : {\n      default: obj\n    };\n  }\n\nexports.default = _Subheader2.default;\",\"use strict';\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\nvar _extends3 =\n  _interopRequireDefault(_extends2);\nvar _objectWithoutProperties2 = require('babel-\n  runtime/helpers/objectWithoutProperties');\nvar _objectWithoutProperties3 =\n  _interopRequireDefault(_objectWithoutProperties2);\nvar _getPrototypeOf = require('babel-runtime/core-

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js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactDom = require('react-
dom');\n\nvar _reactDom2 = _interopRequireDefault(_reactDom);\n\nvar _shallowEqual =
require('recompose/shallowEqual');\n\nvar _shallowEqual2 = _interopRequireDefault(_shallowEqual);\n\nvar
_Popover = require('../Popover/Popover');\n\nvar _Popover2 = _interopRequireDefault(_Popover);\n\nvar _check =
require('../svg-icons/navigation/check');\n\nvar _check2 = _interopRequireDefault(_check);\n\nvar _ListItem =
require('../List/ListItem');\n\nvar _ListItem2 = _interopRequireDefault(_ListItem);\n\nvar _Menu =
require('../Menu/Menu');\n\nvar _Menu2 = _interopRequireDefault(_Menu);\n\nvar _propTypes3 =
require('../utils/propTypes');\n\nvar _propTypes4 = _interopRequireDefault(_propTypes3);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar
nestedMenuStyle = {\n  position: 'relative'\n};\n\nfunction getStyles(props, context) {\n  var disabledColor =
context.muiTheme.baseTheme.palette.disabledColor;\n  var textColor =
context.muiTheme.baseTheme.palette.textColor;\n  var indent = props.desktop ? 64 : 72;\n  var sidePadding =
props.desktop ? 24 : 16;\n  var styles = {\n    root: {\n      color: props.disabled ? disabledColor : textColor,\n      cursor: props.disabled ? 'default' : 'pointer',\n      minHeight: props.desktop ? '32px' : '48px',\n      lineHeight:
props.desktop ? '32px' : '48px',\n      fontSize: props.desktop ? 15 : 16,\n      whiteSpace: 'nowrap'\n    },\n    innerDivStyle: {\n      paddingLeft: props.leftIcon || props.insetChildren || props.checked ? indent : sidePadding,\n      paddingRight: props.rightIcon ? indent : sidePadding,\n      paddingBottom: 0,\n      paddingTop: 0\n    },\n    secondaryText: {\n      float: 'right'\n    },\n    leftIconDesktop: {\n      margin: 0,\n      left: 24,\n      top: 4\n    },\n    rightIconDesktop: {\n      margin: 0,\n      right: 24,\n      top: 4,\n      fill:
context.muiTheme.menuItem.rightIconDesktopFill\n    }\n  };\n  return styles;\n}\n\nvar MenuItem = function
(_Component) {\n  (0, _inherits3.default)(MenuItem, _Component);\n\n  function MenuItem() {\n    var _ref;\n    var _temp, _this, _ret;\n    (0, _classCallCheck3.default)(this, MenuItem);\n    for (var _len = arguments.length,
args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n    return _ret =
(_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = MenuItem.__proto__ || (0,
_getPrototypeOf2.default)(MenuItem)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n      open: false\n
    }, _this.cloneMenuItem = function (item) {\n      return _react2.default.cloneElement(item, {\n        onClick:
function onClick(event) {\n          if (!item.props.menuItems) {\n            _this.handleRequestClose();\n          }\n          if (item.props.onClick) {\n            item.props.onClick(event);\n          }\n        }\n      });\n    }, _this.handleClick =
function (event) {\n      event.preventDefault();\n      _this.setState({\n        open: true,\n        anchorEl:
_reactDom2.default.findDOMNode(_this)\n      });\n      if (_this.props.onClick) {\n        _this.props.onClick(event);\n      }\n    }, _this.handleRequestClose = function () {\n      _this.setState({\n        open:
false,\n        anchorEl: null\n      });\n    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0,
_createClass3.default)(MenuItem, [{\n    key: 'componentDidMount',\n    value: function componentDidMount() {\n      this.applyFocusState();\n    }\n  }, {\n    key: 'componentWillReceiveProps',\n    value: function
componentWillReceiveProps(nextProps) {\n      if (this.state.open && nextProps.focusState === 'none') {\n        this.handleRequestClose();\n      }\n    }\n  }, {\n    key: 'shouldComponentUpdate',\n    value: function
shouldComponentUpdate(nextProps, nextState, nextContext) {\n      return !(0, _shallowEqual2.default)(this.props,
nextProps) || !(0, _shallowEqual2.default)(this.state, nextState) || !(0, _shallowEqual2.default)(this.context,
nextContext);\n    }\n  }, {\n    key: 'componentDidUpdate',\n    value: function componentDidUpdate() {\n

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this.applyFocusState();\n  }\n }, {\n  key: 'componentWillUnmount',\n  value: function\n  componentWillUnmount() {\n    if (this.state.open) {\n      this.setState({\n        open: false\n      });\n    }\n  }, {\n  key: 'applyFocusState',\n  value: function applyFocusState() {\n    this.refs.listItem.applyFocusState(this.props.focusState);\n  }\n }, {\n  key: 'render',\n  value: function render()\n  {\n    var _props = this.props,\n        checked = _props.checked,\n        children = _props.children,\n        desktop = _props.desktop,\n        disabled = _props.disabled,\n        focusState = _props.focusState,\n        innerDivStyle = _props.innerDivStyle,\n        insetChildren = _props.insetChildren,\n        leftIcon =\n        _props.leftIcon,\n        menuItems = _props.menuItems,\n        rightIcon = _props.rightIcon,\n        secondaryText = _props.secondaryText,\n        style = _props.style,\n        animation = _props.animation,\n        anchorOrigin = _props.anchorOrigin,\n        targetOrigin = _props.targetOrigin,\n        value = _props.value,\n        other = (0, _objectWithoutProperties3.default)(_props, ['checked', 'children', 'desktop', 'disabled', 'focusState',\n        'innerDivStyle', 'insetChildren', 'leftIcon', 'menuItems', 'rightIcon', 'secondaryText', 'style', 'animation',\n        'anchorOrigin', 'targetOrigin', 'value']);\n    var prepareStyles = this.context.muiTheme.prepareStyles;\n    var\n    styles = getStyles(this.props, this.context);\n    var mergedRootStyles = (0, _simpleAssign2.default)(styles.root,\n    style);\n    var mergedInnerDivStyles = (0, _simpleAssign2.default)(styles.innerDivStyle, innerDivStyle); // Left\n    Icon\n    var leftIconElement = leftIcon ? leftIcon : checked ? _react2.default.createElement(_check2.default,\n    null) : null;\n    if (leftIconElement) {\n      var mergedLeftIconStyles = desktop ? (0,\n      _simpleAssign2.default)(styles.leftIconDesktop, leftIconElement.props.style) : leftIconElement.props.style;\n      leftIconElement = _react2.default.cloneElement(leftIconElement, {\n        style: mergedLeftIconStyles\n      });\n    } // Right Icon\n    var rightIconElement = void 0;\n    if (rightIcon) {\n      var mergedRightIconStyles =\n      desktop ? (0, _simpleAssign2.default)(styles.rightIconDesktop, rightIcon.props.style) : rightIcon.props.style;\n      rightIconElement = _react2.default.cloneElement(rightIcon, {\n        style: mergedRightIconStyles\n      });\n    } // Secondary Text\n    var secondaryTextElement = void 0;\n    if (secondaryText) {\n      var\n      secondaryTextIsAnElement = _react2.default.isValidElement(secondaryText);\n      var\n      mergedSecondaryTextStyles = secondaryTextIsAnElement ? (0, _simpleAssign2.default)(styles.secondaryText,\n      secondaryText.props.style) : null;\n      secondaryTextElement = secondaryTextIsAnElement ?\n      _react2.default.cloneElement(secondaryText, {\n        style: mergedSecondaryTextStyles\n      }) :\n      _react2.default.createElement('div', {\n        style: prepareStyles(styles.secondaryText)\n      }, secondaryText);\n    }\n    var childMenuPopover = void 0;\n    if (menuItems) {\n      childMenuPopover =\n      _react2.default.createElement(_Popover2.default, {\n        animation: animation,\n        anchorOrigin:\n        anchorOrigin,\n        anchorEl: this.state.anchorEl,\n        open: this.state.open,\n        targetOrigin:\n        targetOrigin,\n        useLayerForClickAway: false,\n        onRequestClose: this.handleRequestClose\n      },\n      _react2.default.createElement(_Menu2.default, {\n        desktop: desktop,\n        disabled: disabled,\n        style:\n        nestedMenuStyle\n      }, _react2.default.Children.map(menuItems, this.cloneMenuItem));\n      other.onClick =\n      this.handleClick;\n    }\n    return _react2.default.createElement(_ListItem2.default, (0, _extends3.default)({\n    other, {\n      disabled: disabled,\n      hoverColor: this.context.muiTheme.menuItem.hoverColor,\n      innerDivStyle: mergedInnerDivStyles,\n      insetChildren: insetChildren,\n      leftIcon: leftIconElement,\n      ref: 'listItem',\n      rightIcon: rightIconElement,\n      role: 'menuitem',\n      style: mergedRootStyles\n    })),\n    children, secondaryTextElement, childMenuPopover);\n  }\n }]);\n\nreturn\nMenuItem;\n})(_react.Component);\n\nMenuItem.muiName = 'MenuItem';\nMenuItem.defaultProps = {\n  anchorOrigin: {\n    horizontal: 'right',\n    vertical: 'top'\n  },\n  checked: false,\n  desktop: false,\n  disabled: false,\n  focusState: 'none',\n  insetChildren: false,\n  targetOrigin: {\n    horizontal: 'left',\n    vertical: 'top'\n  }\n};\nMenuItem.contextTypes = {\n  muiTheme:\n  _propTypes2.default.object.isRequired\n};\nMenuItem.propTypes = process.env.NODE_ENV !== \"production\" ?\n{\n  /**\n   * Location of the anchor for the popover of nested `MenuItem`\n   * elements.\n   * Options:\n   * horizontal: [left, middle, right]\n   * vertical: [top, center, bottom].\n   */\n  anchorOrigin:\n  _propTypes4.default.origin,\n  /**\n   * Override the default animation component used.\n   */\n  animation:\n  _propTypes2.default.func,\n  /**\n   * If true, a left check mark will be rendered.\n   */\n  checked:

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`_propTypes2.default.bool,`\n\n `/**`\n * Elements passed as children to the underlying ``ListItem``\n `*/`\n children:
`_propTypes2.default.node,`\n\n `/**`\n * `@ignore`\n * If true, the menu item will render with compact desktop\n *
styles.\n `*/`\n desktop: `_propTypes2.default.bool,`\n\n `/**`\n * If true, the menu item will be disabled.\n `*/`\n
disabled: `_propTypes2.default.bool,`\n\n `/**`\n * The focus state of the menu item. This prop is used to set the
focus\n * state of the underlying ``ListItem``\n `*/`\n `focusState:` `_propTypes2.default.oneOf`((['none', 'focused',
'keyboard-focused']),\n\n `/**`\n * Override the inline-styles of the inner div.\n `*/`\n `innerDivStyle:`
`_propTypes2.default.object,`\n\n `/**`\n * If true, the children will be indented.\n * This is only needed when there
is no ``leftIcon``\n `*/`\n `insetChildren:` `_propTypes2.default.bool,`\n\n `/**`\n * The ``SvgIcon`` or ``FontIcon`` to be
displayed on the left side.\n `*/`\n `leftIcon:` `_propTypes2.default.element,`\n\n `/**`\n * ``MenuItem`` elements to nest
within the menu item.\n `*/`\n `menuItems:` `_propTypes2.default.node,`\n\n `/**`\n * Callback function fired when
the menu item is clicked.\n `*/`\n * `@param` {object} event Click event targeting the menu item.\n `*/`\n `onClick:`
`_propTypes2.default.func,`\n\n `/**`\n * Can be used to render primary text within the menu item.\n `*/`\n
`primaryText:` `_propTypes2.default.node,`\n\n `/**`\n * The ``SvgIcon`` or ``FontIcon`` to be displayed on the right
side.\n `*/`\n `rightIcon:` `_propTypes2.default.element,`\n\n `/**`\n * Can be used to render secondary text within the
menu item.\n `*/`\n `secondaryText:` `_propTypes2.default.node,`\n\n `/**`\n * Override the inline-styles of the root
element.\n `*/`\n `style:` `_propTypes2.default.object,`\n\n `/**`\n * Location on the popover of nested ``MenuItem``
elements that will attach\n * to the anchor's origin.\n * Options:\n * `horizontal:` [left, middle, right]\n * `vertical:`
[`top`, `center`, `bottom`].\n `*/`\n `targetOrigin:` `_propTypes4.default.origin,`\n\n `/**`\n * The value of the menu item.\n
`*/`\n `value:` `_propTypes2.default.any`\n } : {};\n\nexports.default = MenuItem;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = undefined;\n\nvar
_Divider = require('./Divider');\n\nvar _Divider2 = _interopRequireDefault(_Divider);\n\nfunction
_interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nexports.default
= _Divider2.default;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value:
true\n});\n\nexports.default = undefined;\n\nvar _Avatar = require('./Avatar');\n\nvar _Avatar2 =
_interopRequireDefault(_Avatar);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ?
obj : {\n default: obj\n };\n}\n\nexports.default = _Avatar2.default;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _EnhancedButton =
require('./internal/EnhancedButton');\n\nvar _EnhancedButton2 =
_interopRequireDefault(_EnhancedButton);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };\n}\n\nfunction getStyles(props, context) {\n var selected =
props.selected;\n var bottomNavigation = context.muiTheme.bottomNavigation;\n var color = selected ?
bottomNavigation.selectedColor : bottomNavigation.unselectedColor;\n var styles = {\n root: {\n transition:
'padding-top 0.3s',\n paddingTop: selected ? 6 : 8,\n paddingBottom: 10,\n paddingLeft: 12,\n
paddingRight: 12,\n minWidth: 80,\n maxWidth: 168\n },\n label: {\n fontSize: selected ?
bottomNavigation.selectedFontSize : bottomNavigation.unselectedFontSize,\n transition: 'color 0.3s, font-size
0.3s',\n color: color\n },\n icon: {\n display: 'block',\n\n `/**`\n * Used to ensure SVG icons are
centered\n *
width: '100%\n },\n iconColor: color\n };\n return styles;\n}\n\nvar
BottomNavigationItem = function BottomNavigationItem(props, context) {\n var label = props.label,\n icon =
props.icon,\n style = props.style,\n other = (0, _objectWithoutProperties3.default)(props, ['label', 'icon',
'style']);\n var prepareStyles = context.muiTheme.prepareStyles;\n var styles = getStyles(props, context);\n var
styledIcon = (0, _react.cloneElement)(icon, {\n style: (0, _simpleAssign2.default)({}, styles.icon,
icon.props.style),\n color: icon.props.color || styles.iconColor\n });\n return


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_simpleAssign2.default)(styles.root, style))\n    }, avatar, _react2.default.createElement('div', {\n    style:
prepareStyles((0, _simpleAssign2.default)(styles.text, textStyle))\n    }, _react2.default.createElement('span', {\n
style: prepareStyles((0, _simpleAssign2.default)(styles.title, titleStyle))\n    }, title),
_react2.default.createElement('span', {\n    style: prepareStyles((0, _simpleAssign2.default)(styles.subtitle,
subtitleStyle))\n    }, subtitle)), children);\n  }\n }]);\n return
CardHeader;\n})(_react.Component);\n\nCardHeader.muiName = 'CardHeader';\nCardHeader.defaultProps = {\n
avatar: null\n};\nCardHeader.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\nCardHeader.propTypes = process.env.NODE_ENV !== \"production\"
? {\n  /**\n   * If true, a click on this card component expands the card.\n   */\n  actAsExpander:
_propTypes2.default.bool,\n  /**\n   * This is the [Avatar](/components/avatar) element to be displayed on the
Card Header.\n   * If `avatar` is an `Avatar` or other element, it will be rendered.\n   * If `avatar` is a string, it will be
used as the image `src` for an `Avatar`.\n   */\n  avatar: _propTypes2.default.node,\n  /**\n   * Can be used to
render elements inside the Card Header.\n   */\n  children: _propTypes2.default.node,\n  /**\n   * Can be used to
pass a closeIcon if you don't like the default expandable close Icon.\n   */\n  closeIcon:
_propTypes2.default.node,\n  /**\n   * If true, this card component is expandable.\n   */\n  expandable:
_propTypes2.default.bool,\n  /**\n   * Override the iconStyle of the Icon Button.\n   */\n  iconStyle:
_propTypes2.default.object,\n  /**\n   * Can be used to pass a openIcon if you don't like the default expandable
open Icon.\n   */\n  openIcon: _propTypes2.default.node,\n  /**\n   * If true, this card component will include a
button to expand the card.\n   */\n  showExpandableButton: _propTypes2.default.bool,\n  /**\n   * Override the
inline-styles of the root element.\n   */\n  style: _propTypes2.default.object,\n  /**\n   * Can be used to render a
subtitle in Card Header.\n   */\n  subtitle: _propTypes2.default.node,\n  /**\n   * Override the subtitle color.\n
*/\n  subtitleColor: _propTypes2.default.string,\n  /**\n   * Override the inline-styles of the subtitle.\n   */\n
subtitleStyle: _propTypes2.default.object,\n  /**\n   * Override the inline-styles of the text.\n   */\n  textStyle:
_propTypes2.default.object,\n  /**\n   * Can be used to render a title in Card Header.\n   */\n  title:
_propTypes2.default.node,\n  /**\n   * Override the title color.\n   */\n  titleColor: _propTypes2.default.string,\n
/**\n   * Override the inline-styles of the title.\n   */\n  titleStyle: _propTypes2.default.object\n} :
{};\nexports.default = CardHeader;","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value:
true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\nvar _extends3 =
_interopRequireDefault(_extends2);\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\nvar _createClass3 = _interopRequireDefault(_createClass2);\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\nvar _inherits3 = _interopRequireDefault(_inherits2);\nvar
_simpleAssign = require('simple-assign');\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\nvar
_react = require('react');\nvar _react2 = _interopRequireDefault(_react);\nvar _propTypes = require('prop-
types');\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : {\n  default: obj\n };}\n\nfunction getStyles(props, context) {\n
var card =
context.muiTheme.card;\n return {\n  root: {\n    padding: 16,\n    position: 'relative'\n  },\n  title: {\n
fontSize: 24,\n    color: props.titleColor || card.titleColor,\n    display: 'block',\n    lineHeight: '36px'\n  },\n
subtitle: {\n    fontSize: 14,\n    color: props.subtitleColor || card.subtitleColor,\n    display: 'block'\n  }\n
};}\n\nvar CardTitle = function (_Component) {\n  (0, _inherits3.default)(CardTitle, _Component);\n  function
CardTitle() {\n    (0, _classCallCheck3.default)(this, CardTitle);\n    return (0,
_possibleConstructorReturn3.default)(this, (CardTitle.__proto__ || (0,

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_getPrototypeOf2.default)(CardTitle)).apply(this, arguments));\n }\n\n (0, _createClass3.default)(CardTitle, [{\n key: 'render',\n value: function render() {\n var _props = this.props,\n actAsExpander =\n _props.actAsExpander,\n children = _props.children,\n closeIcon = _props.closeIcon,\n expandable =\n _props.expandable,\n showExpandableButton = _props.showExpandableButton,\n style =\n _props.style,\n subtitle = _props.subtitle,\n subtitleColor = _props.subtitleColor,\n subtitleStyle =\n _props.subtitleStyle,\n title = _props.title,\n titleColor = _props.titleColor,\n titleStyle =\n _props.titleStyle,\n other = (0, _objectWithoutProperties3.default)(_props, ['actAsExpander', 'children',\n 'closeIcon', 'expandable', 'showExpandableButton', 'style', 'subtitle', 'subtitleColor', 'subtitleStyle', 'title', 'titleColor',\n 'titleStyle']);\n var prepareStyles = this.context.muiTheme.prepareStyles;\n var styles = getStyles(this.props,\n this.context);\n var rootStyle = (0, _simpleAssign2.default)({}, styles.root, style);\n var extendedTitleStyle =\n (0, _simpleAssign2.default)({}, styles.title, titleStyle);\n var extendedSubtitleStyle = (0,\n _simpleAssign2.default)({}, styles.subtitle, subtitleStyle);\n return _react2.default.createElement('div', (0,\n _extends3.default)({}, other, {\n style: prepareStyles(rootStyle)\n })), _react2.default.createElement('span',\n {\n style: prepareStyles(extendedTitleStyle)\n }, title), _react2.default.createElement('span', {\n style:\n prepareStyles(extendedSubtitleStyle)\n }, subtitle), children);\n }\n }]);\n return\n CardTitle;\n})(_react.Component);\n\nCardTitle.muiName = 'CardTitle';\nCardTitle.contextTypes = {\n muiTheme:\n _propTypes2.default.object.isRequired\n};\nCardTitle.propTypes = process.env.NODE_ENV !== \"production\" ?\n {\n /**\n * If true, a click on this card component expands the card.\n */\n actAsExpander:\n _propTypes2.default.bool,\n\n /**\n * Can be used to render elements inside the Card Title.\n */\n children:\n _propTypes2.default.node,\n\n /**\n * Can be used to pass a closeIcon if you don't like the default expandable\n close Icon.\n */\n closeIcon: _propTypes2.default.node,\n\n /**\n * If true, this card component is expandable.\n */\n expandable: _propTypes2.default.bool,\n\n /**\n * If true, this card component will include a button to\n expand the card.\n */\n showExpandableButton: _propTypes2.default.bool,\n\n /**\n * Override the inline-styles\n of the root element.\n */\n style: _propTypes2.default.object,\n\n /**\n * Can be used to render a subtitle in the\n Card Title.\n */\n subtitle: _propTypes2.default.node,\n\n /**\n * Override the subtitle color.\n */\n subtitleColor: _propTypes2.default.string,\n\n /**\n * Override the inline-styles of the subtitle.\n */\n subtitleStyle: _propTypes2.default.object,\n\n /**\n * Can be used to render a title in the Card Title.\n */\n title: _propTypes2.default.node,\n\n /**\n * Override the title color.\n */\n titleColor: _propTypes2.default.string,\n\n /**\n * Override the inline-styles of the title.\n */\n titleStyle: _propTypes2.default.object\n } :\n {};\n\nexports.default = CardTitle;","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:\n true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\nvar _extends3 =\n _interopRequireDefault(_extends2);\nvar _objectWithoutProperties2 = require('babel-\nruntime/helpers/objectWithoutProperties');\nvar _objectWithoutProperties3 =\n _interopRequireDefault(_objectWithoutProperties2);\nvar _getPrototypeOf = require('babel-runtime/core-\njs/object/get-prototype-of');\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\nvar _classCallCheck3 =\n _interopRequireDefault(_classCallCheck2);\nvar _createClass2 = require('babel-\nruntime/helpers/createClass');\nvar _createClass3 = _interopRequireDefault(_createClass2);\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\nvar _inherits2 =\n require('babel-runtime/helpers/inherits');\nvar _inherits3 = _interopRequireDefault(_inherits2);\nvar _simpleAssign = require('simple-assign');\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\nvar _react = require('react');\nvar _react2 = _interopRequireDefault(_react);\nvar _propTypes = require('prop-\ntypes');\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nfunction getStyles(props, context) {\n var\n cardMedia = context.muiTheme.cardMedia;\n return {\n root: {\n position: 'relative'\n },\n\n overlayContainer: {\n position: 'absolute',\n top: 0,\n bottom: 0,\n right: 0,\n left: 0\n },\n\n overlay:\n {\n height: '100%',\n position: 'relative'\n },\n\n overlayContent: {\n position: 'absolute',\n bottom: 0,\n

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right: 0,\n left: 0,\n paddingTop: 8,\n background: cardMedia.overlayContentBackground\n },\n
media: {},\n mediaChild: {\n verticalAlign: 'top',\n maxWidth: '100%',\n minWidth: '100%',\n width:
'100%'\n }\n };\n}\n\nvar CardMedia = function (_Component) {\n (0, _inherits3.default)(CardMedia,
_Component);\n\n function CardMedia() {\n (0, _classCallCheck3.default)(this, CardMedia);\n return (0,
_possibleConstructorReturn3.default)(this, (CardMedia.__proto__ || (0,
_getPrototypeOf2.default)(CardMedia)).apply(this, arguments));\n }\n\n (0, _createClass3.default)(CardMedia,
[{\n key: 'render',\n value: function render() {\n var _props = this.props,\n actAsExpander =
_props.actAsExpander,\n children = _props.children,\n expandable = _props.expandable,\n
mediaStyle = _props.mediaStyle,\n overlay = _props.overlay,\n overlayContainerStyle =
_props.overlayContainerStyle,\n overlayContentStyle = _props.overlayContentStyle,\n overlayStyle =
_props.overlayStyle,\n style = _props.style,\n other = (0, _objectWithoutProperties3.default)(_props,
['actAsExpander', 'children', 'expandable', 'mediaStyle', 'overlay', 'overlayContainerStyle', 'overlayContentStyle',
'overlayStyle', 'style']);\n var prepareStyles = this.context.muiTheme.prepareStyles;\n var styles =
getStyles(this.props, this.context);\n var rootStyle = (0, _simpleAssign2.default)(styles.root, style);\n var
extendedMediaStyle = (0, _simpleAssign2.default)(styles.media, mediaStyle);\n var
extendedOverlayContainerStyle = (0, _simpleAssign2.default)(styles.overlayContainer, overlayContainerStyle);\n
var extendedOverlayContentStyle = (0, _simpleAssign2.default)(styles.overlayContent, overlayContentStyle);\n
var extendedOverlayStyle = (0, _simpleAssign2.default)(styles.overlay, overlayStyle);\n var titleColor =
this.context.muiTheme.cardMedia.titleColor;\n var subtitleColor =
this.context.muiTheme.cardMedia.subtitleColor;\n var color = this.context.muiTheme.cardMedia.color;\n\n
var styledChildren = _react2.default.Children.map(children, function (child) {\n if (!child) {\n return
child;\n }\n\n return _react2.default.cloneElement(child, {\n style: prepareStyles((0,
_simpleAssign2.default)({, styles.mediaChild, child.props.style))\n });\n });\n\n var overlayChildren =
_react2.default.Children.map(overlay, function (child) {\n var childMuiName = child && child.type ?
child.type.muiName : null;\n\n if (childMuiName === 'CardHeader' || childMuiName === 'CardTitle') {\n
return _react2.default.cloneElement(child, {\n titleColor: titleColor,\n subtitleColor: subtitleColor\n
});\n } else if (childMuiName === 'CardText') {\n return _react2.default.cloneElement(child, {\n
color: color\n });\n } else {\n return child;\n }\n });\n\n return
_react2.default.createElement('div', (0, _extends3.default)({, other, {\n style: prepareStyles(rootStyle)\n
}),
_react2.default.createElement('div', {\n style: prepareStyles(extendedMediaStyle)\n }, styledChildren),
overlay ? _react2.default.createElement('div', {\n style: prepareStyles(extendedOverlayContainerStyle)\n
},
_react2.default.createElement('div', {\n style: prepareStyles(extendedOverlayStyle)\n },
_react2.default.createElement('div', {\n style: prepareStyles(extendedOverlayContentStyle)\n },
overlayChildren))) : ");\n }\n }]);\n return CardMedia;\n }(_react.Component);\n\nCardMedia.contextTypes = {\n
muiTheme: _propTypes2.default.object.isRequired\n};\n\nCardMedia.propTypes = process.env.NODE_ENV !==
'production' ? {\n /**\n * If true, a click on this card component expands the card.\n */\n actAsExpander:
 PropTypes.bool,\n\n /**\n * Can be used to render elements inside the Card Media.\n */\n children:
 PropTypes.node,\n\n /**\n * If true, this card component is expandable.\n */\n expandable:
 PropTypes.bool,\n\n /**\n * Override the inline-styles of the Card Media.\n */\n mediaStyle:
 PropTypes.object,\n\n /**\n * Can be used to render overlay element in Card Media.\n */\n overlay:
 PropTypes.node,\n\n /**\n * Override the inline-styles of the overlay container.\n */\n
overlayContainerStyle: PropTypes.object,\n\n /**\n * Override the inline-styles of the overlay content.\n
*/\n overlayContentStyle: PropTypes.object,\n\n /**\n * Override the inline-styles of the overlay
element.\n */\n overlayStyle: PropTypes.object,\n\n /**\n * Override the inline-styles of the root
element.\n */\n style: PropTypes.object\n} : {};\n\nexports.default = CardMedia;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefaultDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar

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_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };}\n\nfunction getStyles(props, context) {\n var cardText =
context.muiTheme.cardText;\n return {\n root: {\n padding: 16,\n fontSize: 14,\n color: props.color ||
cardText.textColor\n }\n};}\n\nvar CardText = function (_Component) {\n (0, _inherits3.default)(CardText,
_Component);\n\n function CardText() {\n (0, _classCallCheck3.default)(this, CardText);\n return (0,
_possibleConstructorReturn3.default)(this, (_CardText.__proto__ || (0,
_getPrototypeOf2.default)(CardText)).apply(this, arguments));\n }\n\n (0, _createClass3.default)(CardText, [{\n
key: 'render',\n value: function render() {\n var _props = this.props,\n actAsExpander =
_props.actAsExpander,\n children = _props.children,\n color = _props.color,\n expandable =
_props.expandable,\n style = _props.style,\n other = (0, _objectWithoutProperties3.default)(_props,
['actAsExpander', 'children', 'color', 'expandable', 'style']);\n var prepareStyles =
this.context.muiTheme.prepareStyles;\n var styles = getStyles(this.props, this.context);\n var rootStyle = (0,
_simpleAssign2.default)(styles.root, style);\n return _react2.default.createElement('div', (0,
_extends3.default)({}, other, {\n style: prepareStyles(rootStyle)\n }), children);\n }\n}]);\n return
CardText;}(_react.Component);\n\nCardText.muiName = 'CardText';\nCardText.contextTypes = {\n muiTheme:
_propTypes2.default.object.isRequired\n};\nCardText.propTypes = process.env.NODE_ENV !== \"production\" ?
{\n /**\n * If true, a click on this card component expands the card.\n */\n actAsExpander:
_propTypes2.default.bool,\n\n /**\n * Can be used to render elements inside the Card Text.\n */\n children:
_propTypes2.default.node,\n\n /**\n * Override the CardText color.\n */\n color: _propTypes2.default.string,\n\n
/**\n * If true, this card component is expandable.\n */\n expandable: _propTypes2.default.bool,\n\n /**\n *
Override the inline-styles of the root element.\n */\n style: _propTypes2.default.object\n} : {};\n\nexports.default =
CardText;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _extends2 =
require('babel-runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };}\n\nfunction getStyles() {\n return {\n root: {\n padding: 8,\n

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    position: 'relative'\n  },\n  action: {\n    marginRight: 8\n  }\n};\n\n\nvar CardActions = function
(_Component) {\n  (0, _inherits3.default)(CardActions, _Component);\n\n  function CardActions() {\n    (0,
_classCallCheck3.default)(this, CardActions);\n    return (0, _possibleConstructorReturn3.default)(this,
(CardActions.__proto__ || (0, _getPrototypeOf2.default)(CardActions)).apply(this, arguments));\n  }\n\n  (0,
_createClass3.default)(CardActions, [{\n    key: 'render',\n    value: function render() {\n      var _props =
this.props,\n          actAsExpander = _props.actAsExpander,\n          children = _props.children,\n          expandable =
_props.expandable,\n          showExpandableButton = _props.showExpandableButton,\n          style = _props.style,\n          other = (0, _objectWithoutProperties3.default)(_props, ['actAsExpander', 'children', 'expandable',
'showExpandableButton', 'style']);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles =
getStyles(this.props, this.context);\n\n      var styledChildren = _react2.default.Children.map(children, function
(child) {\n        if (_react2.default.isValidElement(child)) {\n          return _react2.default.cloneElement(child, {\n
          style: (0, _simpleAssign2.default)({}, styles.action, child.props.style)\n        });\n      });\n\n      return
_react2.default.createElement('div', (0, _extends3.default)({}, other, {\n        style: prepareStyles((0,
_simpleAssign2.default)(styles.root, style))\n      })), styledChildren);\n    }\n  }]);\n  return
CardActions;\n}(_react.Component);\n\n\nCardActions.contextTypes = {\n  muiTheme:\n  _propTypes2.default.object.isRequired\n};\n\n\nCardActions.propTypes = process.env.NODE_ENV !== \"production\"
? {\n  /**\n   * If true, a click on this card component expands the card.\n   */\n  actAsExpander:\n  _propTypes2.default.bool,\n\n  /**\n   * Can be used to render elements inside the Card Action.\n   */\n  children:\n  _propTypes2.default.node,\n\n  /**\n   * If true, this card component is expandable.\n   */\n  expandable:\n  _propTypes2.default.bool,\n\n  /**\n   * If true, this card component will include a button to expand the card.\n   */\n  showExpandableButton: _propTypes2.default.bool,\n\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style: _propTypes2.default.object\n} : {};\n\n\nexports.default = CardActions;\",\"use
strict\";\n\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\n\nvar _simpleAssign =
require('simple-assign');\n\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\n\nvar _react =
require('react');\n\n\nvar _react2 = _interopRequireDefault(_react);\n\n\nvar _propTypes = require('prop-types');\n\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\n\nvar _reactEventListener = require('react-event-
listener');\n\n\nvar _reactEventListener2 = _interopRequireDefault(_reactEventListener);\n\n\nvar _keycode =
require('keycode');\n\n\nvar _keycode2 = _interopRequireDefault(_keycode);\n\n\nvar _transitions =
require('./styles/transitions');\n\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\n\nvar _FocusRipple =
require('./FocusRipple');\n\n\nvar _FocusRipple2 = _interopRequireDefault(_FocusRipple);\n\n\nvar _TouchRipple =
require('./TouchRipple');\n\n\nvar _TouchRipple2 = _interopRequireDefault(_TouchRipple);\n\n\nvar _Paper =
require('./Paper');\n\n\nvar _Paper2 = _interopRequireDefault(_Paper);\n\n\nvar _warning = require('warning');\n\n\nvar
_warning2 = _interopRequireDefault(_warning);\n\n\n\nfunction _interopRequireDefault(obj) {\n  return obj &
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\n\nfunction getStyles(props, context) {\n  var baseTheme =
context.muiTheme.baseTheme;\n  return {\n    root: {\n      cursor: props.disabled ? 'not-allowed' : 'pointer',\n
      position: 'relative',\n      overflow: 'visible',\n      display: 'table',\n      height: 'auto',\n      width: '100%'\n    },\n
    input: {\n      position: 'absolute',\n      cursor: 'inherit',\n      pointerEvents: 'all',\n      opacity: 0,\n      width:

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'100%',\n height: '100%',\n zIndex: 2,\n left: 0,\n boxSizing: 'border-box',\n padding: 0,\n margin:
0\n },\n controls: {\n display: 'flex',\n width: '100%',\n height: '100%\n },\n label: {\n float:
'left',\n position: 'relative',\n display: 'block',\n width: 'calc(100% - 60px)',\n lineHeight: '24px',\n
color: baseTheme.palette.textColor,\n fontFamily: baseTheme.fontFamily\n },\n wrap: {\n transition:
_transitions2.default.easeOut(),\n float: 'left',\n position: 'relative',\n display: 'block',\n flexShrink: 0,\n
width: 60 - baseTheme.spacing.desktopGutterLess,\n marginRight: props.labelPosition === 'right' ?
baseTheme.spacing.desktopGutterLess : 0,\n marginLeft: props.labelPosition === 'left' ?
baseTheme.spacing.desktopGutterLess : 0\n },\n ripple: {\n color: props.rippleColor ||
baseTheme.palette.primary1Color,\n height: '200%',\n width: '200%',\n top: -12,\n left: -12\n }\n
};\n\nvar EnhancedSwitch = function (_Component) {\n (0, _inherits3.default)(EnhancedSwitch,
_Component);\n\n function EnhancedSwitch() {\n var _ref;\n\n var _temp, _this, _ret;\n\n (0,
_classCallCheck3.default)(this, EnhancedSwitch);\n\n for (var _len = arguments.length, args = Array(_len), _key
= 0; _key < _len; _key++) {\n args[_key] = arguments[_key];\n }\n\n return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = EnhancedSwitch.__proto__ || (0,
_getPrototypeOf2.default)(EnhancedSwitch)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n
isKeyboardFocused: false\n }, _this.handleChange = function (event) {\n _this.tabPressed = false;\n\n
_this.setState({\n isKeyboardFocused: false\n });\n\n var isChecked =
_this.refs.checkbox.checked;\n\n if (!_this.props.hasOwnProperty('checked') &&
_this.props.onParentShouldUpdate) {\n _this.props.onParentShouldUpdate(isChecked);\n }\n\n if
(_this.props.onSwitch) {\n _this.props.onSwitch(event, isChecked);\n }\n }, _this.handleKeyDown =
function (event) {\n var code = (0, _keycode2.default)(event);\n\n if (code === 'tab') {\n _this.tabPressed
= true;\n }\n\n if (_this.state.isKeyboardFocused && code === 'space') {\n _this.handleChange(event);\n
}\n }, _this.handleKeyUp = function (event) {\n if (_this.state.isKeyboardFocused && (0,
_keycode2.default)(event) === 'space') {\n _this.handleChange(event);\n }\n }, _this.handleMouseDown =
function (event) {\n // only listen to left clicks\n if (event.button === 0) {\n
_this.refs.touchRipple.start(event);\n }\n }, _this.handleMouseUp = function () {\n
_this.refs.touchRipple.end();\n }, _this.handleMouseLeave = function () {\n _this.refs.touchRipple.end();\n },
_this.handleTouchStart = function (event) {\n _this.refs.touchRipple.start(event);\n }, _this.handleTouchEnd =
function () {\n _this.refs.touchRipple.end();\n }, _this.handleBlur = function (event) {\n _this.setState({\n
isKeyboardFocused: false\n });\n\n if (_this.props.onBlur) {\n _this.props.onBlur(event);\n }\n },
_this.handleFocus = function (event) {\n // setTimeout is needed because the focus event fires first\n // Wait
so that we can capture if this was a keyboard focus\n // or touch focus\n setTimeout(function () {\n if
(_this.tabPressed) {\n _this.setState({\n isKeyboardFocused: true\n });\n }\n }, 150);\n\n if (_this.props.onFocus) {\n _this.props.onFocus(event);\n }\n }, _temp), (0,
_possibleConstructorReturn3.default)(_this, _ret);\n }\n\n (0, _createClass3.default)(EnhancedSwitch, [{\n key:
'componentWillMount',\n value: function componentWillMount() {\n
this.componentWillReceiveProps(this.props);\n }\n }, {\n key: 'componentDidMount',\n value: function
componentDidMount() {\n var inputNode = this.refs.checkbox;\n\n if ((!this.props.switched ||
inputNode.checked !== this.props.switched) && this.props.onParentShouldUpdate) {\n
this.props.onParentShouldUpdate(inputNode.checked);\n }\n }\n }, {\n key: 'componentWillReceiveProps',\n
value: function componentWillReceiveProps(nextProps) {\n var hasCheckedProp =
nextProps.hasOwnProperty('checked');\n var hasNewDefaultProp =
nextProps.hasOwnProperty('defaultChecked') && nextProps.defaultChecked !== this.props.defaultChecked;\n\n if (hasCheckedProp || hasNewDefaultProp) {\n var switched = nextProps.checked || nextProps.defaultChecked ||
false;\n this.setState({\n switched: switched\n });\n\n if (this.props.onParentShouldUpdate &&
switched !== this.props.switched) {\n this.props.onParentShouldUpdate(switched);\n }\n }\n }\n }, {\n key: 'isSwitched',\n value: function isSwitched() {\n return this.refs.checkbox.checked;\n } // no
callback here because there is no event\n\n }, {\n key: 'setSwitched',\n value: function

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setSwitched(newSwitchedValue) {\n  if (!this.props.hasOwnProperty('checked') || this.props.checked === false)
{\n    if (this.props.onParentShouldUpdate) {\n      this.props.onParentShouldUpdate(newSwitchedValue);\n    }\n\n    this.refs.checkbox.checked = newSwitchedValue;\n  } else {\n    process.env.NODE_ENV !==
'production' ? (0, _warning2.default)(false, 'Material-UI: Cannot call set method while checked is defined as a
property.'): void 0;\n  }\n }, {\n  key: 'getValue',\n  value: function getValue() {\n    return
this.refs.checkbox.value;\n  } // Checkbox inputs only use SPACE to change their state. Using ENTER will\n //
update the ui but not the input.\n\n  /**\n   * Because both the ripples and the checkbox input cannot share
pointer\n   * events, the checkbox input takes control of pointer events and calls\n   * ripple animations
manually.\n   */\n }, {\n  key: 'render',\n  value: function render() {\n    var _props = this.props,\n        name
= _props.name,\n        value = _props.value,\n        checked = _props.checked,\n        iconStyle =
_props.iconStyle,\n        inputStyle = _props.inputStyle,\n        inputType = _props.inputType,\n        label =
_props.label,\n        labelStyle = _props.labelStyle,\n        labelPosition = _props.labelPosition,\n        onSwitch =
_props.onSwitch,\n        onBlur = _props.onBlur,\n        onFocus = _props.onFocus,\n        onMouseUp =
_props.onMouseUp,\n        onMouseDown = _props.onMouseDown,\n        onMouseLeave =
_props.onMouseLeave,\n        onTouchStart = _props.onTouchStart,\n        onTouchEnd = _props.onTouchEnd,\n        onParentShouldUpdate = _props.onParentShouldUpdate,\n        disabled = _props.disabled,\n        disableTouchRipple = _props.disableTouchRipple,\n        disableFocusRipple = _props.disableFocusRipple,\n        className = _props.className,\n        rippleColor = _props.rippleColor,\n        rippleStyle =
_props.rippleStyle,\n        style = _props.style,\n        switched = _props.switched,\n        switchElement =
_props.switchElement,\n        thumbStyle = _props.thumbStyle,\n        trackStyle = _props.trackStyle,\n        other = (0, _objectWithoutProperties3.default)(_props, ['name', 'value', 'checked', 'iconStyle', 'inputStyle',
'inputType', 'label', 'labelStyle', 'labelPosition', 'onSwitch', 'onBlur', 'onFocus', 'onMouseUp', 'onMouseDown',
'onMouseLeave', 'onTouchStart', 'onTouchEnd', 'onParentShouldUpdate', 'disabled', 'disableTouchRipple',
'disableFocusRipple', 'className', 'rippleColor', 'rippleStyle', 'style', 'switched', 'switchElement', 'thumbStyle',
'trackStyle']);\n    var prepareStyles = this.context.muiTheme.prepareStyles;\n    var styles = getStyles(this.props,
this.context);\n    var wrapStyles = (0, _simpleAssign2.default)(styles.wrap, iconStyle);\n    var
mergedRippleStyle = (0, _simpleAssign2.default)(styles.ripple, rippleStyle);\n\n    if (thumbStyle) {\n      wrapStyles.marginLeft /= 2;\n      wrapStyles.marginRight /= 2;\n    }\n\n    var labelElement = label &&
_react2.default.createElement('label', {\n      style: prepareStyles((0, _simpleAssign2.default)(styles.label,
labelStyle))\n    }, label);\n\n    var showTouchRipple = !disabled && !disableTouchRipple;\n    var
showFocusRipple = !disabled && !disableFocusRipple;\n\n    var touchRipple =
_react2.default.createElement(_TouchRipple2.default, {\n      ref: 'touchRipple',\n      key: 'touchRipple',\n      style: mergedRippleStyle,\n      color: mergedRippleStyle.color,\n      muiTheme: this.context.muiTheme,\n      centerRipple: true\n    });\n\n    var focusRipple = _react2.default.createElement(_FocusRipple2.default, {\n      key: 'focusRipple',\n      innerStyle: mergedRippleStyle,\n      color: mergedRippleStyle.color,\n      muiTheme:
this.context.muiTheme,\n      show: this.state.isKeyboardFocused\n    });\n\n    var ripples = [showTouchRipple ?
touchRipple : null, showFocusRipple ? focusRipple : null];\n    var touchHandlers = showTouchRipple ? {\n      onMouseUp: this.handleMouseUp,\n      onMouseDown: this.handleMouseDown,\n      onMouseLeave:
this.handleMouseLeave,\n      onTouchStart: this.handleTouchStart,\n      onTouchEnd: this.handleTouchEnd\n    } :
{};\n\n    var inputElement = _react2.default.createElement('input', (0, _extends3.default)({}, other, {\n      ref:
'checkbox',\n      type: inputType,\n      style: prepareStyles((0, _simpleAssign2.default)(styles.input,
inputStyle)),\n      name: name,\n      value: value,\n      checked: this.state.switched,\n      disabled: disabled,\n      onBlur: this.handleBlur,\n      onFocus: this.handleFocus,\n      onChange: this.handleChange\n    },
touchHandlers)); // If toggle component (indicated by whether the style includes thumb) manually lay out\n //
elements in order to nest ripple elements\n\n    var switchOrThumbElement = !thumbStyle ?
_react2.default.createElement('div', {\n      style: prepareStyles(wrapStyles)\n    }, switchElement, ripples) :
_react2.default.createElement('div', {\n      style: prepareStyles(wrapStyles)\n    },
_react2.default.createElement('div', {\n      style: prepareStyles((0, _simpleAssign2.default)({}, trackStyle))\n    }

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}), _react2.default.createElement(_Paper2.default, {\n  style: thumbStyle,\n  zIndex: 1,\n  circle: true\n
}, ' ', ripples, ' '));\n  var elementsInOrder = labelPosition === 'right' ? _react2.default.createElement('div', {\n
style: styles.controls\n  }, switchOrThumbElement, labelElement) : _react2.default.createElement('div', {\n
style: styles.controls\n  }, labelElement, switchOrThumbElement);\n  return _react2.default.createElement('div',
{\n  ref: 'root',\n  className: className,\n  style: prepareStyles((0, _simpleAssign2.default)(styles.root,
style))\n  }, _react2.default.createElement(_reactEventListener2.default, {\n  target: 'window',\n
onKeyDown: this.handleKeyDown,\n  onKeyUp: this.handleKeyUp\n  }), inputElement, elementsInOrder);\n
  }\n  });\n  return EnhancedSwitch;\n  }(_react.Component);\n  \n  EnhancedSwitch.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n  };\n  EnhancedSwitch.propTypes = process.env.NODE_ENV !==
'production' ? {\n  checked: _propTypes2.default.bool,\n  className: _propTypes2.default.string,\n
defaultChecked: _propTypes2.default.bool,\n  disableFocusRipple: _propTypes2.default.bool,\n
disableTouchRipple: _propTypes2.default.bool,\n  disabled: _propTypes2.default.bool,\n  iconStyle:
_propTypes2.default.object,\n  inputStyle: _propTypes2.default.object,\n  inputType:
_propTypes2.default.string.isRequired,\n  label: _propTypes2.default.node,\n  labelPosition:
_propTypes2.default.oneOf(['left', 'right']),\n  labelStyle: _propTypes2.default.object,\n  name:
_propTypes2.default.string,\n  onBlur: _propTypes2.default.func,\n  onFocus: _propTypes2.default.func,\n
onMouseDown: _propTypes2.default.func,\n  onMouseLeave: _propTypes2.default.func,\n  onMouseUp:
_propTypes2.default.func,\n  onParentShouldUpdate: _propTypes2.default.func,\n  onSwitch:
_propTypes2.default.func,\n  onTouchEnd: _propTypes2.default.func,\n  onTouchStart: _propTypes2.default.func,\n
rippleColor: _propTypes2.default.string,\n  rippleStyle: _propTypes2.default.object,\n  style:
_propTypes2.default.object,\n  switchElement: _propTypes2.default.element.isRequired,\n  switched:
_propTypes2.default.bool.isRequired,\n  thumbStyle: _propTypes2.default.object,\n  trackStyle:
_propTypes2.default.object,\n  value: _propTypes2.default.any\n  } : {};\n  exports.default = EnhancedSwitch;","use
strict";\n  \n  Object.defineProperty(exports, "__esModule", {\n  value: true\n  });\n  exports.default = undefined;\n  \n  \n  var
_DatePicker = require('./DatePicker');\n  \n  var _DatePicker2 = _interopRequireDefault(_DatePicker);\n  \n  function
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n  default: obj\n  };\n  }\n  \n  exports.default
= _DatePicker2.default;","use strict";\n  \n  Object.defineProperty(exports, "__esModule", {\n  value: true\n  });\n  \n  \n  _extends2 = require('babel-runtime/helpers/extends');\n  \n  var _extends3 =
_interopRequireDefault(_extends2);\n  \n  var _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n  \n  var _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n  \n  var _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n  \n  var _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n  \n  var
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n  \n  var _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n  \n  var _createClass2 = require('babel-
runtime/helpers/createClass');\n  \n  var _createClass3 = _interopRequireDefault(_createClass2);\n  \n  var
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n  \n  var
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n  \n  var _inherits2 =
require('babel-runtime/helpers/inherits');\n  \n  var _inherits3 = _interopRequireDefault(_inherits2);\n  \n  var
_simpleAssign = require('simple-assign');\n  \n  var _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n  \n  var
_react = require('react');\n  \n  var _react2 = _interopRequireDefault(_react);\n  \n  var _propTypes = require('prop-
types');\n  \n  var _propTypes2 = _interopRequireDefault(_propTypes);\n  \n  var _TransitionGroup = require('react-
transition-group/TransitionGroup');\n  \n  var _TransitionGroup2 = _interopRequireDefault(_TransitionGroup);\n  \n  var
_SlideInChild = require('./SlideInChild');\n  \n  var _SlideInChild2 =
_interopRequireDefault(_SlideInChild);\n  \n  function _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n  default: obj\n  };\n  }\n  \n  \n  var SlideIn = function (_Component) {\n  (0,
_inherits3.default)(SlideIn, _Component);\n  \n  function SlideIn() {\n  var _ref;\n  \n  var _temp, _this, _ret;\n  \n  (0,
_classCallCheck3.default)(this, SlideIn);\n  \n  for (var _len = arguments.length, args = Array(_len), _key = 0;
_key < _len; _key++) {\n  args[_key] = arguments[_key];\n  }\n  \n  return _ret = (_temp = (_this = (0,

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_possibleConstructorReturn3.default)(this, (_ref = SlideIn.__proto__ || (0,
_getPrototypeOf2.default)(SlideIn)).call.apply(_ref, [this].concat(args))), _this), _this.getLeaveDirection = function
() {\n  return _this.props.direction;\n }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n }\n\n(0, _createClass3.default)(SlideIn, [{\n  key: 'render',\n  value: function render() {\n    var _this2 = this;\n    var _props = this.props,\n        enterDelay = _props.enterDelay,\n        children = _props.children,\n        childStyle = _props.childStyle,\n        direction = _props.direction,\n        style = _props.style,\n        other = (0,
_objectWithoutProperties3.default)(_props, ['enterDelay', 'children', 'childStyle', 'direction', 'style']);\n    var
prepareStyles = this.context.muiTheme.prepareStyles;\n    var mergedRootStyles = (0, _simpleAssign2.default)({
{\n  position: 'relative',\n  overflow: 'hidden',\n  height: '100%',\n  }, style);\n    var newChildren =
_react2.default.Children.map(children, function (child) {\n      return
_react2.default.createElement(_SlideInChild2.default, {\n        key: child.key,\n        direction: direction,\n
enterDelay: enterDelay,\n        getLeaveDirection: _this2.getLeaveDirection,\n        style: childStyle\n      },
child);\n    }, this);\n    return _react2.default.createElement(_TransitionGroup2.default, (0,
_extends3.default)({}, other, {\n      style: prepareStyles(mergedRootStyles),\n      component: 'div'\n    })),
newChildren);\n  }\n }]);\n return SlideIn;\n})(_react.Component);\n\nSlideIn.defaultProps = {\n  enterDelay: 0,\n
direction: 'left'\n};\n\nSlideIn.contextTypes = {\n  muiTheme:\n\n  _propTypes2.default.object.isRequired\n};\n\nSlideIn.propTypes = process.env.NODE_ENV !== "production" ? {\n
childStyle: _propTypes2.default.object,\n  children: _propTypes2.default.node,\n  direction:\n\n  _propTypes2.default.oneOf(['left', 'right', 'up', 'down']),\n  enterDelay: _propTypes2.default.number,\n  style:\n\n  _propTypes2.default.object\n} : {};\n\nexports.default = SlideIn;","use strict";\n\nObject.defineProperty(exports,
"__esModule", {\n  value: true\n});\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 =
require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _Paper = require('./Paper');\n\nvar
_Paper2 = _interopRequireDefault(_Paper);\n\nvar _transitions = require('./styles/transitions');\n\nvar _transitions2
= _interopRequireDefault(_transitions);\n\nvar _propTypes3 = require('./utils/propTypes');\n\nvar _propTypes4 =
_interopRequireDefault(_propTypes3);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule
? obj : {\n    default: obj\n  };\n}\n\nfunction getStyles(props, context, state) {\n  var targetOrigin =
props.targetOrigin;\n  var open = state.open;\n  var muiTheme = context.muiTheme;\n  var horizontal =
targetOrigin.horizontal.replace('middle', 'center');\n  return {\n    root: {\n      position: 'fixed',\n      zIndex:\n      muiTheme.zIndex.popover,\n      opacity: open ? 1 : 0,\n      transform: open ? 'scaleY(1)' : 'scaleY(0)',\n
transformOrigin: horizontal + ' ' + targetOrigin.vertical,\n      transition: _transitions2.default.easeOut('450ms',
['transform', 'opacity']),\n      maxHeight: '100%',\n    }\n  };\n}\n\nvar PopoverAnimationVertical = function
(_Component) {\n  (0, _inherits3.default)(PopoverAnimationVertical, _Component);\n\n  function
PopoverAnimationVertical() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this,
PopoverAnimationVertical);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len;
_key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = PopoverAnimationVertical.__proto__ || (0,
_getPrototypeOf2.default)(PopoverAnimationVertical)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n
open: false\n  }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0,
_createClass3.default)(PopoverAnimationVertical, [{\n    key: 'componentDidMount',\n    value: function

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componentDidMount() {\n  this.setState({\n    open: true\n  }); // eslint-disable-line react/no-did-mount-set-
state\n }\n }, {\n key: 'componentWillReceiveProps',\n value: function
componentWillReceiveProps(nextProps) {\n  this.setState({\n    open: nextProps.open\n  });\n }\n }, {\n
key: 'render',\n value: function render() {\n  var _props = this.props,\n      className = _props.className,\n      style = _props.style,\n      zIndex = _props.zDepth;\n  var styles = getStyles(this.props, this.context,
this.state);\n  return _react2.default.createElement(_Paper2.default, {\n    style: (0,
_simpleAssign2.default)(styles.root, style),\n    zIndex: zIndex,\n    className: className\n  },
this.props.children);\n }\n });\n return
PopoverAnimationVertical;\n }(_react.Component);\n\nPopoverAnimationVertical.defaultProps = {\n style: {},\n
zDepth: 1\n};\n\nPopoverAnimationVertical.contextTypes = {\n muiTheme:
_propTypes2.default.isRequired\n};\n\nPopoverAnimationVertical.propTypes = process.env.NODE_ENV !==
\"production\" ? {\n children: _propTypes2.default.node,\n className: _propTypes2.default.string,\n open:
_propTypes2.default.bool.isRequired,\n\n /*\n * Override the inline-styles of the root element.\n */\n style:
_propTypes2.default.object,\n targetOrigin: _propTypes4.default.origin.isRequired,\n zIndex:
_propTypes4.default.zDepth\n } : {};\n\nexports.default = PopoverAnimationVertical;\",\"use
strict;\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nexports.default = exports.MenuItem
= exports.DropDownMenu = undefined;\n\nvar _DropDownMenu2 = require('./DropDownMenu');\n\nvar
_DropDownMenu3 = _interopRequireDefault(_DropDownMenu2);\n\nvar _MenuItem2 =
require('./MenuItem/MenuItem');\n\nvar _MenuItem3 = _interopRequireDefault(_MenuItem2);\n\nfunction
_interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n
};\n}\n\nexports.DropDownMenu = _DropDownMenu3.default;\n\nexports.MenuItem =
_MenuItem3.default;\n\nexports.default = _DropDownMenu3.default;\",\"use strict;\n\nObject.defineProperty(exports,
\"__esModule\", {\n value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3
= _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_defineProperty2 = require('babel-runtime/helpers/defineProperty');\n\nvar _defineProperty3 =
_interopRequireDefault(_defineProperty2);\n\nvar _simpleAssign = require('simple-assign');\n\nvar _simpleAssign2
= _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 =
_interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =
_interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule
? obj : {\n default: obj\n };}\n\nfunction getStyles(props, context) {\n var _titleBar;\n\n var
_context$muiTheme = context.muiTheme,\n    baseTheme = _context$muiTheme.baseTheme,\n    gridTile =
_context$muiTheme.gridTile;\n\n var actionPos = props.actionIcon && props.actionPosition;\n\n var styles = {\n
root: {\n position: 'relative',\n display: 'block',\n height: '100%',\n overflow: 'hidden'\n },\n titleBar:
(_titleBar = {\n position: 'absolute',\n left: 0,\n right: 0\n }, (0, _defineProperty3.default)(_titleBar,
props.titlePosition, 0), (0, _defineProperty3.default)(_titleBar, 'height', props.subtitle ? 68 : 48), (0,
_defineProperty3.default)(_titleBar, 'background', props.titleBackground), (0, _defineProperty3.default)(_titleBar,
'display', 'flex'), (0, _defineProperty3.default)(_titleBar, 'alignItems', 'center'), _titleBar),\n titleWrap: {\n
flexGrow: 1,\n marginLeft: actionPos !== 'left' ? baseTheme.spacing.desktopGutterLess : 0,\n marginRight:
actionPos === 'left' ? baseTheme.spacing.desktopGutterLess : 0,\n color: gridTile.textColor,\n overflow:

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'hidden'\n } ,\n title: {\n   fontSize: '16px',\n   textOverflow: 'ellipsis',\n   overflow: 'hidden',\n   whiteSpace: 'nowrap'\n },\n subtitle: {\n   fontSize: '12px',\n   textOverflow: 'ellipsis',\n   overflow: 'hidden',\n   whiteSpace: 'nowrap'\n },\n actionIcon: {\n   order: actionPos === 'left' ? -1 : 1\n },\n childImg: {\n   height: '100%',\n   transform: 'translateX(-50%)',\n   position: 'relative',\n   left: '50%'\n }
};\n return styles;\n}\n\nvar GridTile = function (_Component) {\n  (0, _inherits3.default)(GridTile, _Component);\n\n  function GridTile() {\n    (0, _classCallCheck3.default)(this, GridTile);\n\n    return (0, _possibleConstructorReturn3.default)(this, (GridTile.__proto__ || (0, _getPrototypeOf2.default)(GridTile)).apply(this, arguments));\n  }\n\n  (0, _createClass3.default)(GridTile, [{\n    key: 'componentDidMount',\n    value: function componentDidMount() {\n      this.ensureImageCover();\n    }\n  }, {\n    key: 'componentDidUpdate',\n    value: function componentDidUpdate() {\n      this.ensureImageCover();\n    }\n  }, {\n    key: 'ensureImageCover',\n    value: function ensureImageCover() {\n      var _this2 = this;\n\n      var imgEl = this.refs.img;\n\n      if (imgEl) {\n        var fit = function fit() {\n          if (imgEl.offsetWidth < imgEl.parentNode.offsetWidth) {\n            var isRtl = _this2.context.muiTheme.isRtl;\n\n            imgEl.style.height = 'auto';\n\n            if (isRtl) {\n              imgEl.style.right = '0';\n            } else {\n              imgEl.style.left = '0';\n            }\n\n            imgEl.style.width = '100%';\n            imgEl.style.top = '50%';\n            imgEl.style.transform = imgEl.style.WebkitTransform = 'translateY(-50%)';\n          }\n\n          imgEl.removeListener('load', fit);\n\n          imgEl = null; // prevent closure memory leak\n        }; \n\n        if (imgEl.complete) {\n          fit();\n        } else {\n          imgEl.addEventListener('load', fit);\n        }\n      }\n    }\n  }, {\n    key: 'render',\n    value: function render() {\n      var _props = this.props,\n          title = _props.title,\n          subtitle = _props.subtitle,\n          titlePosition = _props.titlePosition,\n          titleBackground = _props.titleBackground,\n          titleStyle = _props.titleStyle,\n          subtitleStyle = _props.subtitleStyle,\n          actionIcon = _props.actionIcon,\n          actionPosition = _props.actionPosition,\n          style = _props.style,\n          children = _props.children,\n          containerElement = _props.containerElement,\n          other = (0, _objectWithoutProperties3.default)(_props, ['title', 'subtitle', 'titlePosition', 'titleBackground', 'titleStyle', 'subtitleStyle', 'actionIcon', 'actionPosition', 'style', 'children', 'containerElement']);\n\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles = getStyles(this.props, this.context);\n      var mergedRootStyles = (0, _simpleAssign2.default)(styles.root, style);\n\n      var titleBar = null;\n\n      if (title) {\n        titleBar = _react2.default.createElement('div', {\n          key: 'titlebar',\n          style: prepareStyles(styles.titleBar)\n        }, _react2.default.createElement('div', {\n          style: prepareStyles(styles.titleWrap)\n        }, _react2.default.createElement('div', {\n          style: prepareStyles((0, _simpleAssign2.default)(styles.title, titleStyle))\n        }, title), subtitle ? _react2.default.createElement('div', {\n          style: prepareStyles((0, _simpleAssign2.default)(styles.subtitle, subtitleStyle))\n        }, subtitle) : null), actionIcon ? _react2.default.createElement('div', {\n          style: prepareStyles(styles.actionIcon)\n        }, actionIcon) : null);\n      }\n\n      var newChildren = children; // if there is a single image passed as children\n      // clone it and add our styles\n\n      if (_react2.default.Children.count(children) === 1) {\n        newChildren = _react2.default.Children.map(children, function (child) {\n          if (child.type === 'img') {\n            return _react2.default.cloneElement(child, {\n              key: 'img',\n              ref: 'img',\n              style: prepareStyles((0, _simpleAssign2.default)({}, styles.childImg, child.props.style))\n            });\n          } else {\n            return child;\n          }\n        });\n      }\n\n      var containerProps = (0, _extends3.default)({\n        style: prepareStyles(mergedRootStyles)\n      }, other);\n\n      return _react2.default.isValidElement(containerElement) ? _react2.default.cloneElement(containerElement, containerProps, [newChildren, titleBar]) : _react2.default.createElement(containerElement, containerProps, [newChildren, titleBar]);\n    }\n  }]);\n\n  return GridTile;\n})(_react.Component);\n\nGridTile.defaultProps = {\n  titlePosition: 'bottom',\n  titleBackground: 'rgba(0, 0, 0, 0.4)',\n  actionPosition: 'right',\n  cols: 1,\n  rows: 1,\n  containerElement: 'div'\n};\n\nGridTile.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nGridTile.propTypes = process.env.NODE_ENV !== 'production' ? {\n  /**\n   * An IconButton element to be used as secondary action target\n   * (primary action target is the tile itself).\n   *\n   * ^\n   * actionIcon: _propTypes2.default.element,\n   *\n   * **\n   * Position of secondary action\n   * IconButton.\n   *\n   * ^\n   * actionPosition: _propTypes2.default.oneOf(['left', 'right']),\n   *\n   * **\n   * Theoretically you can pass any node as children, but the main use case is to pass an img,\n   * in whichcase GridTile takes care of making

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the image `\cover\` available space `\n * (similar to background-size: cover or to object-fit:cover).\n */\n children: _propTypes2.default.node,\n\n /**\n * Width of the tile in number of grid cells.\n */\n cols: _propTypes2.default.number,\n\n /**\n * Either a string used as tag name for the tile root element, or a ReactElement.\n * This is useful when you have, for example, a custom implementation of \n * a navigation link (that knows about your routes) and you want to use it as the primary tile action.\n * In case you pass a ReactElement, please ensure that it passes all props,\n * accepts styles overrides and render it's children.\n */\n containerElement: _propTypes2.default.oneOfType([_propTypes2.default.string, _propTypes2.default.element]),\n\n /**\n * Height of the tile in number of grid cells.\n */\n rows: _propTypes2.default.number,\n\n /**\n * Override the inline-styles of the root element.\n */\n style: _propTypes2.default.object,\n\n /**\n * String or element serving as subtitle (support text).\n */\n subtitle: _propTypes2.default.node,\n\n /**\n * Override the inline-styles of the subtitle element.\n */\n subtitleStyle: _propTypes2.default.object,\n\n /**\n * Title to be displayed on tile.\n */\n title: _propTypes2.default.node,\n\n /**\n * Style used for title bar background.\n * Useful for setting custom gradients for example.\n */\n titleBackground: _propTypes2.default.string,\n\n /**\n * Position of the title bar (container of title, subtitle and action icon).\n */\n titlePosition: _propTypes2.default.oneOf(['top', 'bottom']),\n\n /**\n * Override the inline-styles of the title element.\n */\n titleStyle: _propTypes2.default.object\n} : {};\n\nexports.default = GridTile;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.makeSelectable = undefined;\n\nvar _extends2 = require("babel-runtime/helpers/extends");\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require("babel-runtime/helpers/objectWithoutProperties");\n\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require("babel-runtime/core-js/object/get-prototype-of");\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require("babel-runtime/helpers/classCallCheck");\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require("babel-runtime/helpers/createClass");\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require("babel-runtime/helpers/possibleConstructorReturn");\n\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require("babel-runtime/helpers/inherits");\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign = require("simple-assign");\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require("react");\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require("prop-types");\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _colorManipulator = require("../utils/colorManipulator");\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nvar makeSelectable = function makeSelectable(MyComponent) {\n var _class, _temp2;\n\n return _temp2 = _class = function (_Component) {\n (0, _inherits3.default)(_class, _Component);\n\n function _class() {\n var _ref;\n\n var _temp, _this, _ret;\n\n (0, _classCallCheck3.default)(this, _class);\n\n for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n args[_key] = arguments[_key];\n }\n\n return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = _class.__proto__ || (0, _getPrototypeOf2.default)(_class)).call.apply(_ref, [this].concat(args))), _this), _this.hasSelectedDescendant = function (previousValue, child) {\n if (_react2.default.isValidElement(child) && child.props.nestedItems && child.props.nestedItems.length > 0) {\n return child.props.nestedItems.reduce(_this.hasSelectedDescendant, previousValue);\n }\n\n return previousValue || _this.isChildSelected(child, _this.props);\n },\n\n _this.handleClick = function (event, item) {\n var itemValue = item.props.value;\n\n if (itemValue !== _this.props.value) {\n if (_this.props.onChange) {\n _this.props.onChange(event, itemValue);\n }\n\n }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n }\n\n (0, _createClass3.default)(_class, [{\n key: 'extendChild',\n value: function extendChild(child, styles, selectedItemStyle) {\n var _this2 = this;\n\n if (child && child.type && child.type.muiName === 'ListItem') {\n var selected = this.isChildSelected(child, this.props);\n\n var selectedChildrenStyles = void`

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0;\n\n    if (selected) {\n        selectedChildrenStyles = (0, _simpleAssign2.default)({}, styles,
selectedItemStyle);\n    }\n\n    var mergedChildrenStyles = (0, _simpleAssign2.default)({},
child.props.style, selectedChildrenStyles);\n    this.keyIndex += 1;\n    return
_react2.default.cloneElement(child, {\n        onClick: function onClick(event) {\n
_this2.handleClick(event, child);\n\n        if (child.props.onClick) {\n            child.props.onClick(event);\n
        }\n    },\n    key: this.keyIndex,\n    style: mergedChildrenStyles,\n    nestedItems:
child.props.nestedItems.map(function (child) {\n        return _this2.extendChild(child, styles,
selectedItemStyle);\n    })),\n    initiallyOpen: this.isInitiallyOpen(child)\n    });\n    } else {\n
return child;\n    }\n    }, {\n    key: 'isInitiallyOpen',\n    value: function isInitiallyOpen(child) {\n    if
(child.props.initiallyOpen) {\n        return child.props.initiallyOpen;\n    }\n\n    return
this.hasSelectedDescendant(false, child);\n    }\n    }, {\n    key: 'isChildSelected',\n    value: function
isChildSelected(child, props) {\n    return props.value === child.props.value;\n    }\n    }, {\n    key: 'render',\n
value: function render() {\n    var _this3 = this;\n\n    var _props = this.props,\n        children =
_props.children,\n        selectedItemStyle = _props.selectedItemStyle,\n        other = (0,
_objectWithoutProperties3.default)(_props, ['children', 'selectedItemStyle']);\n    this.keyIndex = 0;\n    var
styles = {};\n\n    if (!selectedItemStyle) {\n        var textColor =
this.context.muiTheme.baseTheme.palette.textColor;\n        styles.backgroundColor = (0,
_colorManipulator.fade)(textColor, 0.2);\n    }\n\n    return _react2.default.createElement(MyComponent, (0,
_extends3.default)({}, other, this.state), _react.Children.map(children, function (child) {\n    return
_this3.extendChild(child, styles, selectedItemStyle);\n    }));\n    }\n    });\n    return _class;\n
})(_react.Component), _class.propTypes = {\n    children: _propTypes2.default.node,\n    onChange:
_propTypes2.default.func,\n    selectedItemStyle: _propTypes2.default.object,\n    value: _propTypes2.default.any\n
}, _class.contextTypes = {\n    muiTheme: _propTypes2.default.object.isRequired\n    },
_temp2;\n};\n\nexports.makeSelectable = makeSelectable;\nexports.default = makeSelectable;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n    value: true\n});\n\nvar red50 = exports.red50 =
'#ffebee';\nvar red100 = exports.red100 = '#ffcdd2';\nvar red200 = exports.red200 = '#ef9a9a';\nvar red300 =
exports.red300 = '#e57373';\nvar red400 = exports.red400 = '#ef5350';\nvar red500 = exports.red500 =
'#f44336';\nvar red600 = exports.red600 = '#e53935';\nvar red700 = exports.red700 = '#d32f2f';\nvar red800 =
exports.red800 = '#c62828';\nvar red900 = exports.red900 = '#b71c1c';\nvar redA100 = exports.redA100 =
'#ff8a80';\nvar redA200 = exports.redA200 = '#ff5252';\nvar redA400 = exports.redA400 = '#ff1744';\nvar redA700
= exports.redA700 = '#d50000';\nvar pink50 = exports.pink50 = '#fce4ec';\nvar pink100 = exports.pink100 =
'#f8bbd0';\nvar pink200 = exports.pink200 = '#f48fb1';\nvar pink300 = exports.pink300 = '#f06292';\nvar pink400 =
exports.pink400 = '#ec407a';\nvar pink500 = exports.pink500 = '#e91e63';\nvar pink600 = exports.pink600 =
'#d81b60';\nvar pink700 = exports.pink700 = '#c2185b';\nvar pink800 = exports.pink800 = '#ad1457';\nvar pink900
= exports.pink900 = '#880e4f';\nvar pinkA100 = exports.pinkA100 = '#ff80ab';\nvar pinkA200 = exports.pinkA200
= '#ff4081';\nvar pinkA400 = exports.pinkA400 = '#f50057';\nvar pinkA700 = exports.pinkA700 = '#c51162';\nvar
purple50 = exports.purple50 = '#3e5f5f';\nvar purple100 = exports.purple100 = '#e1bee7';\nvar purple200 =
exports.purple200 = '#ce93d8';\nvar purple300 = exports.purple300 = '#ba68c8';\nvar purple400 = exports.purple400
= '#ab47bc';\nvar purple500 = exports.purple500 = '#9c27b0';\nvar purple600 = exports.purple600 = '#8e24aa';\nvar
purple700 = exports.purple700 = '#7b1fa2';\nvar purple800 = exports.purple800 = '#6a1b9a';\nvar purple900 =
exports.purple900 = '#4a148c';\nvar purpleA100 = exports.purpleA100 = '#ea80fc';\nvar purpleA200 =
exports.purpleA200 = '#e040fb';\nvar purpleA400 = exports.purpleA400 = '#d500f9';\nvar purpleA700 =
exports.purpleA700 = '#aa00ff';\nvar deepPurple50 = exports.deepPurple50 = '#ede7f6';\nvar deepPurple100 =
exports.deepPurple100 = '#d1c4e9';\nvar deepPurple200 = exports.deepPurple200 = '#b39ddb';\nvar deepPurple300
= exports.deepPurple300 = '#9575cd';\nvar deepPurple400 = exports.deepPurple400 = '#7e57c2';\nvar
deepPurple500 = exports.deepPurple500 = '#673ab7';\nvar deepPurple600 = exports.deepPurple600 =
'#5e35b1';\nvar deepPurple700 = exports.deepPurple700 = '#512da8';\nvar deepPurple800 = exports.deepPurple800
= '#4527a0';\nvar deepPurple900 = exports.deepPurple900 = '#311b92';\nvar deepPurpleA100 =

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exports.deepPurpleA100 = '#b388ff';\nvar deepPurpleA200 = exports.deepPurpleA200 = '#7c4dff';\nvar
deepPurpleA400 = exports.deepPurpleA400 = '#651fff';\nvar deepPurpleA700 = exports.deepPurpleA700 =
'#6200ea';\nvar indigo50 = exports.indigo50 = '#e8eaf6';\nvar indigo100 = exports.indigo100 = '#c5cae9';\nvar
indigo200 = exports.indigo200 = '#9fa8da';\nvar indigo300 = exports.indigo300 = '#7986cb';\nvar indigo400 =
exports.indigo400 = '#5c6bc0';\nvar indigo500 = exports.indigo500 = '#3f51b5';\nvar indigo600 = exports.indigo600
= '#3949ab';\nvar indigo700 = exports.indigo700 = '#303f9f';\nvar indigo800 = exports.indigo800 = '#283593';\nvar
indigo900 = exports.indigo900 = '#1a237e';\nvar indigoA100 = exports.indigoA100 = '#8c9eff';\nvar indigoA200 =
exports.indigoA200 = '#536dfe';\nvar indigoA400 = exports.indigoA400 = '#3d5afe';\nvar indigoA700 =
exports.indigoA700 = '#304ffe';\nvar blue50 = exports.blue50 = '#e3f2fd';\nvar blue100 = exports.blue100 =
'#bbdefb';\nvar blue200 = exports.blue200 = '#90caf9';\nvar blue300 = exports.blue300 = '#64b5f6';\nvar blue400 =
exports.blue400 = '#42a5f5';\nvar blue500 = exports.blue500 = '#2196f3';\nvar blue600 = exports.blue600 =
'#1e88e5';\nvar blue700 = exports.blue700 = '#1976d2';\nvar blue800 = exports.blue800 = '#1565c0';\nvar blue900 =
exports.blue900 = '#0d47a1';\nvar blueA100 = exports.blueA100 = '#82b1ff';\nvar blueA200 = exports.blueA200 =
'#448aff';\nvar blueA400 = exports.blueA400 = '#2979ff';\nvar blueA700 = exports.blueA700 = '#2962ff';\nvar
lightBlue50 = exports.lightBlue50 = '#e1f5fe';\nvar lightBlue100 = exports.lightBlue100 = '#b3e5fc';\nvar
lightBlue200 = exports.lightBlue200 = '#81d4fa';\nvar lightBlue300 = exports.lightBlue300 = '#4fc3f7';\nvar
lightBlue400 = exports.lightBlue400 = '#29b6f6';\nvar lightBlue500 = exports.lightBlue500 = '#03a9f4';\nvar
lightBlue600 = exports.lightBlue600 = '#039be5';\nvar lightBlue700 = exports.lightBlue700 = '#0288d1';\nvar
lightBlue800 = exports.lightBlue800 = '#0277bd';\nvar lightBlue900 = exports.lightBlue900 = '#01579b';\nvar
lightBlueA100 = exports.lightBlueA100 = '#80d8ff';\nvar lightBlueA200 = exports.lightBlueA200 = '#40c4ff';\nvar
lightBlueA400 = exports.lightBlueA400 = '#00b0ff';\nvar lightBlueA700 = exports.lightBlueA700 = '#0091ea';\nvar
cyan50 = exports.cyan50 = '#e0f7fa';\nvar cyan100 = exports.cyan100 = '#b2ebf2';\nvar cyan200 = exports.cyan200
= '#80deea';\nvar cyan300 = exports.cyan300 = '#4dd0e1';\nvar cyan400 = exports.cyan400 = '#26c6da';\nvar
cyan500 = exports.cyan500 = '#00bcd4';\nvar cyan600 = exports.cyan600 = '#00acc1';\nvar cyan700 =
exports.cyan700 = '#0097a7';\nvar cyan800 = exports.cyan800 = '#00838f';\nvar cyan900 = exports.cyan900 =
'#006064';\nvar cyanA100 = exports.cyanA100 = '#84ffff';\nvar cyanA200 = exports.cyanA200 = '#18ffff';\nvar
cyanA400 = exports.cyanA400 = '#00e5ff';\nvar cyanA700 = exports.cyanA700 = '#00b8d4';\nvar teal50 =
exports.teal50 = '#e0f2f1';\nvar teal100 = exports.teal100 = '#b2dfdb';\nvar teal200 = exports.teal200 =
'#80cbc4';\nvar teal300 = exports.teal300 = '#4db6ac';\nvar teal400 = exports.teal400 = '#26a69a';\nvar teal500 =
exports.teal500 = '#009688';\nvar teal600 = exports.teal600 = '#00897b';\nvar teal700 = exports.teal700 =
'#00796b';\nvar teal800 = exports.teal800 = '#00695c';\nvar teal900 = exports.teal900 = '#004d40';\nvar tealA100 =
exports.tealA100 = '#a7ffe8';\nvar tealA200 = exports.tealA200 = '#64ffda';\nvar tealA400 = exports.tealA400 =
'#1de9b6';\nvar tealA700 = exports.tealA700 = '#00bfa5';\nvar green50 = exports.green50 = '#e8f5e9';\nvar
green100 = exports.green100 = '#c8e6c9';\nvar green200 = exports.green200 = '#a5d6a7';\nvar green300 =
exports.green300 = '#81c784';\nvar green400 = exports.green400 = '#66bb6a';\nvar green500 = exports.green500 =
'#4caf50';\nvar green600 = exports.green600 = '#43a047';\nvar green700 = exports.green700 = '#388e3c';\nvar
green800 = exports.green800 = '#2e7d32';\nvar green900 = exports.green900 = '#1b5e20';\nvar greenA100 =
exports.greenA100 = '#b9f6ca';\nvar greenA200 = exports.greenA200 = '#69f0ae';\nvar greenA400 =
exports.greenA400 = '#00e676';\nvar greenA700 = exports.greenA700 = '#00c853';\nvar lightGreen50 =
exports.lightGreen50 = '#f1f8e9';\nvar lightGreen100 = exports.lightGreen100 = '#dcedc8';\nvar lightGreen200 =
exports.lightGreen200 = '#c5e1a5';\nvar lightGreen300 = exports.lightGreen300 = '#aed581';\nvar lightGreen400 =
exports.lightGreen400 = '#9ccc65';\nvar lightGreen500 = exports.lightGreen500 = '#8bc34a';\nvar lightGreen600 =
exports.lightGreen600 = '#7cb342';\nvar lightGreen700 = exports.lightGreen700 = '#689f38';\nvar lightGreen800 =
exports.lightGreen800 = '#558b2f';\nvar lightGreen900 = exports.lightGreen900 = '#33691e';\nvar lightGreenA100
= exports.lightGreenA100 = '#ccff90';\nvar lightGreenA200 = exports.lightGreenA200 = '#b2ff59';\nvar
lightGreenA400 = exports.lightGreenA400 = '#76ff03';\nvar lightGreenA700 = exports.lightGreenA700 =
'#64dd17';\nvar lime50 = exports.lime50 = '#f9fbe7';\nvar lime100 = exports.lime100 = '#f0f4c3';\nvar lime200 =
exports.lime200 = '#e6ee9c';\nvar lime300 = exports.lime300 = '#dce775';\nvar lime400 = exports.lime400 =

#d4e157';\nvar lime500 = exports.lime500 = '#cddc39';\nvar lime600 = exports.lime600 = '#c0ca33';\nvar lime700 = exports.lime700 = '#afb42b';\nvar lime800 = exports.lime800 = '#9e9d24';\nvar lime900 = exports.lime900 = '#827717';\nvar limeA100 = exports.limeA100 = '#f4ff81';\nvar limeA200 = exports.limeA200 = '#eeff41';\nvar limeA400 = exports.limeA400 = '#c6ff00';\nvar limeA700 = exports.limeA700 = '#aeaa00';\nvar yellow50 = exports.yellow50 = '#ffde7';\nvar yellow100 = exports.yellow100 = '#fff9c4';\nvar yellow200 = exports.yellow200 = '#fff59d';\nvar yellow300 = exports.yellow300 = '#fff176';\nvar yellow400 = exports.yellow400 = '#ffee58';\nvar yellow500 = exports.yellow500 = '#ffeb3b';\nvar yellow600 = exports.yellow600 = '#fdd835';\nvar yellow700 = exports.yellow700 = '#fbc02d';\nvar yellow800 = exports.yellow800 = '#f9a825';\nvar yellow900 = exports.yellow900 = '#f57f17';\nvar yellowA100 = exports.yellowA100 = '#ffff8d';\nvar yellowA200 = exports.yellowA200 = '#ffff00';\nvar yellowA400 = exports.yellowA400 = '#ffea00';\nvar yellowA700 = exports.yellowA700 = '#ffd600';\nvar amber50 = exports.amber50 = '#fff8e1';\nvar amber100 = exports.amber100 = '#ffecb3';\nvar amber200 = exports.amber200 = '#ffe082';\nvar amber300 = exports.amber300 = '#ffd54f';\nvar amber400 = exports.amber400 = '#ffc028';\nvar amber500 = exports.amber500 = '#ffc107';\nvar amber600 = exports.amber600 = '#ffb300';\nvar amber700 = exports.amber700 = '#ffa000';\nvar amber800 = exports.amber800 = '#ff8f00';\nvar amber900 = exports.amber900 = '#ff6f00';\nvar amberA100 = exports.amberA100 = '#ffe57f';\nvar amberA200 = exports.amberA200 = '#ffd740';\nvar amberA400 = exports.amberA400 = '#ffc400';\nvar amberA700 = exports.amberA700 = '#ffab00';\nvar orange50 = exports.orange50 = '#fff3e0';\nvar orange100 = exports.orange100 = '#ffe0b2';\nvar orange200 = exports.orange200 = '#ffcc80';\nvar orange300 = exports.orange300 = '#ffb74d';\nvar orange400 = exports.orange400 = '#ffa726';\nvar orange500 = exports.orange500 = '#ff9800';\nvar orange600 = exports.orange600 = '#fb8c00';\nvar orange700 = exports.orange700 = '#f57c00';\nvar orange800 = exports.orange800 = '#ef6c00';\nvar orange900 = exports.orange900 = '#e65100';\nvar orangeA100 = exports.orangeA100 = '#ffd180';\nvar orangeA200 = exports.orangeA200 = '#ffab40';\nvar orangeA400 = exports.orangeA400 = '#ff9100';\nvar orangeA700 = exports.orangeA700 = '#ff6d00';\nvar deepOrange50 = exports.deepOrange50 = '#fbe9e7';\nvar deepOrange100 = exports.deepOrange100 = '#ffccbc';\nvar deepOrange200 = exports.deepOrange200 = '#ffab91';\nvar deepOrange300 = exports.deepOrange300 = '#ff8a65';\nvar deepOrange400 = exports.deepOrange400 = '#ff7043';\nvar deepOrange500 = exports.deepOrange500 = '#ff5722';\nvar deepOrange600 = exports.deepOrange600 = '#f4511e';\nvar deepOrange700 = exports.deepOrange700 = '#e64a19';\nvar deepOrange800 = exports.deepOrange800 = '#d84315';\nvar deepOrange900 = exports.deepOrange900 = '#bf360c';\nvar deepOrangeA100 = exports.deepOrangeA100 = '#ff9e80';\nvar deepOrangeA200 = exports.deepOrangeA200 = '#ff6e40';\nvar deepOrangeA400 = exports.deepOrangeA400 = '#ff3d00';\nvar deepOrangeA700 = exports.deepOrangeA700 = '#dd2c00';\nvar brown50 = exports.brown50 = '#efebe9';\nvar brown100 = exports.brown100 = '#d7ccc8';\nvar brown200 = exports.brown200 = '#bcaaa4';\nvar brown300 = exports.brown300 = '#a1887f';\nvar brown400 = exports.brown400 = '#8d6e63';\nvar brown500 = exports.brown500 = '#795548';\nvar brown600 = exports.brown600 = '#6d4c41';\nvar brown700 = exports.brown700 = '#5d4037';\nvar brown800 = exports.brown800 = '#4e342e';\nvar brown900 = exports.brown900 = '#3e2723';\nvar blueGrey50 = exports.blueGrey50 = '#eceff1';\nvar blueGrey100 = exports.blueGrey100 = '#cfd8dc';\nvar blueGrey200 = exports.blueGrey200 = '#b0bec5';\nvar blueGrey300 = exports.blueGrey300 = '#90a4ae';\nvar blueGrey400 = exports.blueGrey400 = '#78909c';\nvar blueGrey500 = exports.blueGrey500 = '#607d8b';\nvar blueGrey600 = exports.blueGrey600 = '#546e7a';\nvar blueGrey700 = exports.blueGrey700 = '#455a64';\nvar blueGrey800 = exports.blueGrey800 = '#37474f';\nvar blueGrey900 = exports.blueGrey900 = '#263238';\nvar grey50 = exports.grey50 = '#fafafa';\nvar grey100 = exports.grey100 = '#f5f5f5';\nvar grey200 = exports.grey200 = '#eeeeee';\nvar grey300 = exports.grey300 = '#e0e0e0';\nvar grey400 = exports.grey400 = '#bdbdbd';\nvar grey500 = exports.grey500 = '#9e9e9e';\nvar grey600 = exports.grey600 = '#757575';\nvar grey700 = exports.grey700 = '#616161';\nvar grey800 = exports.grey800 = '#424242';\nvar grey900 = exports.grey900 = '#212121';\nvar black = exports.black = '#000000';\nvar white = exports.white = '#ffffff';\nvar transparent = exports.transparent = 'rgba(0, 0, 0, 0)';\nvar fullBlack = exports.fullBlack = 'rgba(0, 0, 0, 1)';\nvar darkBlack = exports.darkBlack = 'rgba(0, 0, 0, 0.87)';\nvar lightBlack = exports.lightBlack = 'rgba(0, 0, 0, 0.54)';\nvar minBlack = exports.minBlack = 'rgba(0, 0, 0,

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0.26);\nvar faintBlack = exports.faintBlack = 'rgba(0, 0, 0, 0.12)';\nvar fullWhite = exports.fullWhite = 'rgba(255,
255, 255, 1)';\nvar darkWhite = exports.darkWhite = 'rgba(255, 255, 255, 0.87)';\nvar lightWhite =
exports.lightWhite = 'rgba(255, 255, 255, 0.54)';", \"\\\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\",
{\n  value: true\n});\n\nexports.default = capitalizeString;\n\nfunction capitalizeString(str) {\n  return
str.charAt(0).toUpperCase() + str.slice(1);\n}\n\nmodule.exports = exports[\"default\"];\", \"\\\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default =
isPrefixedValue;\n\nvar regex = /-webkit-|-moz-|-ms-/;\n\nfunction isPrefixedValue(value) {\n  return typeof value
=== 'string' && regex.test(value);\n}\n\nmodule.exports = exports[\"default\"];\", \"\\\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default =
exports.RadioButtonGroup = exports.RadioButtons = undefined;\n\nvar _RadioButtons2 =
require(\"./RadioButtons\");\n\nvar _RadioButtons3 = _interopRequireDefault(_RadioButtons2);\n\nvar
_RadioButtonsGroup2 = require(\"./RadioButtonsGroup\");\n\nvar _RadioButtonsGroup3 =
_interopRequireDefault(_RadioButtonsGroup2);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nexports.RadioButtons =
_RadioButtons3.default;\n\nexports.RadioButtonsGroup = _RadioButtonsGroup3.default;\n\nexports.default =
_RadioButtons3.default;\", \"\\\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar
_extends2 = require(\"babel-runtime/helpers/extends\");\n\nvar _extends3 =
_interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require(\"babel-
runtime/helpers/objectWithoutProperties\");\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require(\"babel-runtime/core-
js/object/get-prototype-of\");\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require(\"babel-runtime/helpers/classCallCheck\");\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require(\"babel-
runtime/helpers/createClass\");\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require(\"babel-runtime/helpers/possibleConstructorReturn\");\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require(\"babel-runtime/helpers/inherits\");\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require(\"simple-assign\");\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require(\"react\");\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require(\"prop-
types\");\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _RadioButtons =
require(\"./RadioButtons\");\n\nvar _RadioButtons2 = _interopRequireDefault(_RadioButtons);\n\nvar _warning =
require(\"warning\");\n\nvar _warning2 = _interopRequireDefault(_warning);\n\nfunction _interopRequireDefault(obj)
{\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar RadioButtonsGroup = function
(_Component) {\n  (0, _inherits3.default)(RadioButtonsGroup, _Component);\n\n  function RadioButtonsGroup() {\n
    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, RadioButtonsGroup);\n\n    for (var
    _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] =
    arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref =
    RadioButtonsGroup.__proto__ || (0, _getPrototypeOf2.default)(RadioButtonsGroup)).call.apply(_ref,
    [this].concat(args))), _this), _this.state = {\n      numberCheckedRadioButtons: 0,\n      selected: \"\n    \",
    _this.handleChange = function (event, newSelection) {\n      _this.updateRadioButtons(newSelection); // Successful
    update\n\n      if (_this.state.numberCheckedRadioButtons === 0) {\n        if (_this.props.onChange)
    _this.props.onChange(event, newSelection);\n      }\n    }, _temp), (0, _possibleConstructorReturn3.default)(this,
    _ret);\n  }\n\n  (0, _createClass3.default)(RadioButtonsGroup, [{\n    key: 'componentWillMount',\n    value: function
    componentWillMount() {\n      var _this2 = this;\n\n      var cnt = 0;\n      var selected = \"\n      var _props =
    this.props,\n          valueSelected = _props.valueSelected,\n          defaultSelected = _props.defaultSelected;\n\n      if
    (valueSelected !== undefined) {\n        selected = valueSelected;\n      } else if (defaultSelected !== undefined) {\n
        selected = defaultSelected;\n      }\n\n      _react2.default.Children.forEach(this.props.children, function (option) {\n
        if (_this2.hasCheckAttribute(option)) cnt++;\n      }, this);\n\n      this.setState({\n

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numberCheckedRadioButtons: cnt,\n    selected: selected\n    });\n  }\n }, {\n key:
'componentWillReceiveProps',\n  value: function componentWillReceiveProps(nextProps) {\n  if
(nextProps.hasOwnProperty('valueSelected')) {\n    this.setState({\n      selected: nextProps.valueSelected\n
});\n  }\n  }\n }, {\n key: 'hasCheckAttribute',\n  value: function hasCheckAttribute(radioButton) {\n
return radioButton.props.hasOwnProperty('checked') && radioButton.props.checked;\n  }\n }, {\n key:
'updateRadioButtons',\n  value: function updateRadioButtons(newSelection) {\n  if
(this.state.numberCheckedRadioButtons === 0) {\n    this.setState({\n      selected: newSelection\n
});\n  } else {\n    process.env.NODE_ENV !== "production" ? (0, _warning2.default)(false, 'Material-UI: Cannot
select a different radio button while another radio button\n    has the `checked` property set to true.') : void 0;\n
  }\n  }\n }, {\n key: 'getSelectedValue',\n  value: function getSelectedValue() {\n  return
this.state.selected;\n  }\n }, {\n key: 'setSelectedValue',\n  value: function
setSelectedValue(newSelectionValue) {\n  this.updateRadioButtons(newSelectionValue);\n  }\n }, {\n key:
'clearValue',\n  value: function clearValue() {\n  this.setSelectedValue("");\n  }\n }, {\n key: 'render',\n
value: function render() {\n  var _this3 = this;\n  var prepareStyles =
this.context.muiTheme.prepareStyles;\n\n  var options = _react2.default.Children.map(this.props.children,
function (option) {\n    var _option$props = option.props,\n        name = _option$props.name,\n        value =
_option$props.value,\n        label = _option$props.label,\n        onCheck = _option$props.onCheck,\n
other = (0, _objectWithoutProperties3.default)(_option$props, ['name', 'value', 'label', 'onCheck']);\n    return
_react2.default.createElement(_RadioButton2.default, (0, _extends3.default)({}, other, {\n      ref:
option.props.value,\n      name: _this3.props.name,\n      key: option.props.value,\n      value:
option.props.value,\n      label: option.props.label,\n      labelPosition: _this3.props.labelPosition,\n
onCheck: _this3.handleChange,\n      checked: option.props.value === _this3.state.selected\n    }));\n  },
this);\n\n  return _react2.default.createElement('div', {\n    style: prepareStyles((0, _simpleAssign2.default)({},
this.props.style)),\n    className: this.props.className\n  }, options);\n  }\n });\n return
RadioButtonGroup;\n})(_react.Component);\n\nRadioButtonGroup.defaultProps = {\n style:
{};\n};\n\nRadioButtonGroup.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nRadioButtonGroup.propTypes = process.env.NODE_ENV !==
"production" ? {\n  /**\n   * Should be used to pass `RadioButton` components.\n   */\n  children:
_propTypes2.default.node,\n\n  /**\n   * The CSS class name of the root element.\n   */\n  className:
_propTypes2.default.string,\n\n  /**\n   * The `value` property of the radio button that will be\n   * selected by
default. This takes precedence over the `checked` property\n   * of the `RadioButton` elements.\n   */\n  defaultSelected: _propTypes2.default.any,\n\n  /**\n   * Where the label will be placed for all child radio buttons.\n   * This takes precedence over the `labelPosition` property of the\n   * `RadioButton` elements.\n   */\n  labelPosition:
_propTypes2.default.oneOf(['left', 'right']),\n\n  /**\n   * The name that will be applied to all child radio buttons.\n   */\n  name: _propTypes2.default.string.isRequired,\n\n  /**\n   * Callback function that is fired when a radio button
has\n   * been checked.\n   */\n  /**\n   * @param {object} event `change` event targeting the selected\n   * radio button.\n   */\n  /**\n   * @param {*} value The `value` of the selected radio button.\n   */\n  onChange: _propTypes2.default.func,\n\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style: _propTypes2.default.object,\n\n  /**\n   * The
`value` of the currently selected radio button.\n   */\n  valueSelected: _propTypes2.default.any\n } :
{};\n\nexports.default = RadioButtonGroup;","use strict";\n\nexports.__esModule = true;\n\nvar _isIterable2 =
require("../core-js/is-iterable");\n\nvar _isIterable3 = _interopRequireDefault(_isIterable2);\n\nvar _getIterator2 =
require("../core-js/get-iterator");\n\nvar _getIterator3 = _interopRequireDefault(_getIterator2);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nexports.default
= function () {\n  function sliceIterator(arr, i) {\n    var _arr = [];\n    var _n = true;\n    var _d = false;\n    var _e =
undefined;\n\n    try {\n      for (var _i = (0, _getIterator3.default)(arr), _s; !(_n = (_s = _i.next()).done); _n = true)\n        _arr.push(_s.value);\n\n      if (i && _arr.length === i) break;\n    } catch (err) {\n      _d = true;\n      _e = err;\n    } finally {\n      try {\n        if (!_n && _i["return"]) _i["return"]();\n      } finally {\n        if (_d)\n          throw _e;\n      }\n    }\n\n    return _arr;\n  }\n\n  return function (arr, i) {\n    if (Array.isArray(arr)) {\n      return

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arr;\n } else if ((0, _isIterable3.default)(Object(arr))) {\n   return sliceIterator(arr, i);\n } else {\n   throw new
TypeError("Invalid attempt to destructure non-iterable instance");\n };\n });\n });\n });\n});\n";"use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nexports.default = undefined;\n\nvar
_SelectField = require('./SelectField');\n\nvar _SelectField2 = _interopRequireDefault(_SelectField);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nexports.default
= _SelectField2.default;\n";"use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\n\nexports.default = undefined;\n\nvar _Slider = require('./Slider');\n\nvar _Slider2 =
_interopRequireDefault(_Slider);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj
:\n  {\n    default: obj\n  };\n}\n\nexports.default = _Slider2.default;\n";"use strict";\n\nObject.defineProperty(exports,
"__esModule", {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3
= _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _typeof2 = require('babel-
runtime/helpers/typeof');\n\nvar _typeof3 = _interopRequireDefault(_typeof2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _checkCircle = require('./svg-icons/action/check-
circle');\n\nvar _checkCircle2 = _interopRequireDefault(_checkCircle);\n\nvar _SvgIcon =
require('./SvgIcon');\n\nvar _SvgIcon2 = _interopRequireDefault(_SvgIcon);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar getStyles =
function getStyles(_ref, _ref2) {\n  var active = _ref.active,\n      completed = _ref.completed,\n      disabled =
_ref.disabled;\n  var muiTheme = _ref2.muiTheme,\n      stepper = _ref2.stepper;\n  var _muiTheme$stepper =
muiTheme.stepper,\n      textColor = _muiTheme$stepper.textColor,\n      disabledTextColor =
_muiTheme$stepper.disabledTextColor,\n      iconColor = _muiTheme$stepper.iconColor,\n      inactiveIconColor =
_muiTheme$stepper.inactiveIconColor;\n  var baseTheme = muiTheme.baseTheme;\n  var orientation =
stepper.orientation;\n  var styles = {\n    root: {\n      height: orientation === 'horizontal' ? 72 : 64,\n      color:
textColor,\n      display: 'flex',\n      alignItems: 'center',\n      fontFamily: baseTheme.fontFamily,\n      fontSize:
14,\n      paddingLeft: 14,\n      paddingRight: 14\n    },\n    icon: {\n      color: iconColor,\n      display: 'block',\n
fontSize: 24,\n      width: 24,\n      height: 24\n    },\n    iconContainer: {\n      paddingRight: 8\n    }\n  };\n  if
(active) {\n    styles.root.fontWeight = 500;\n  }\n  if (!completed && !active) {\n    styles.icon.color =
inactiveIconColor;\n  }\n  if (disabled) {\n    styles.icon.color = inactiveIconColor;\n    styles.root.color =
disabledTextColor;\n    styles.root.cursor = 'default';\n  }\n  return styles;\n};\n\nvar renderIcon = function
renderIcon(completed, icon, styles) {\n  var iconType = typeof icon === 'undefined' ? 'undefined' : (0,
_typeof3.default)(icon);\n  if (iconType === 'number' || iconType === 'string') {\n    if (completed) {\n      return
_react2.default.createElement(_checkCircle2.default, {\n        color: styles.icon.color,\n        style: styles.icon\n
});\n    }\n    return _react2.default.createElement(_SvgIcon2.default, {\n      color: styles.icon.color,\n      style:
styles.icon\n    }, _react2.default.createElement('circle', {\n      cx: '12',\n      cy: '12',\n      r: '10'\n    }),
_react2.default.createElement('text', {\n      x: '12',\n      y: '16',\n      textAnchor: 'middle',\n      fontSize: '12',\n
fill: '#fff'\n    }, icon));\n  }\n  return icon;\n};\n\nvar StepLabel = function StepLabel(props, context) {\n  var
active = props.active,\n      children = props.children,\n      completed = props.completed,\n      userIcon =
props.icon,\n      iconContainerStyle = props.iconContainerStyle,\n      last = props.last,\n      style = props.style,\n
other = (0, _objectWithoutProperties3.default)(props, ['active', 'children', 'completed', 'icon', 'iconContainerStyle',
'last', 'style']);\n  var prepareStyles = context.muiTheme.prepareStyles;\n  var styles = getStyles(props, context);\n
var icon = renderIcon(completed, userIcon, styles);\n  return _react2.default.createElement('span', (0,
_extends3.default)({\n    style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n  }, other), icon &&
_react2.default.createElement('span', {\n    style: prepareStyles((0, _simpleAssign2.default)(styles.iconContainer,
iconContainerStyle))\n  }, icon), children);\n};\n\nStepLabel.muiName = 'StepLabel';\nStepLabel.propTypes =
process.env.NODE_ENV !== "production" ? {\n  /**\n   * Sets active styling. Overrides disabled coloring.\n   */

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active: _propTypes2.default.bool,\n\n /**\n * The label text node\n */\n children: _propTypes2.default.node,\n\n /**\n * Sets completed styling. Overrides disabled coloring.\n */\n completed: _propTypes2.default.bool,\n\n /**\n * Sets disabled styling.\n */\n disabled: _propTypes2.default.bool,\n\n /**\n * The icon displayed by the  
step label.\n */\n icon: _propTypes2.default.oneOfType([\n _propTypes2.default.element,\n _propTypes2.default.string, _propTypes2.default.number]),\n\n /**\n * Override the inline-styles of the icon  
container element.\n */\n iconContainerStyle: _propTypes2.default.object,\n\n /**\n * @ignore\n */\n last: _propTypes2.default.bool,\n\n /**\n * Override the inline-style of the root element.\n */\n style: _propTypes2.default.object\n} : {};\nStepLabel.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired,\n  stepper: _propTypes2.default.object\n};\nexports.default = StepLabel;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\nvar _interopRequireDefault(_extends2);\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\nvar _createClass2 = require('babel-runtime/helpers/createClass');\nvar _createClass3 = _interopRequireDefault(_createClass2);\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\nvar _inherits2 = require('babel-runtime/helpers/inherits');\nvar _inherits3 = _interopRequireDefault(_inherits2);\nvar _simpleAssign = require('simple-assign');\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\nvar _react = require('react');\nvar _react2 = _interopRequireDefault(_react);\nvar _propTypes = require('prop-types');\nvar _propTypes2 = _interopRequireDefault(_propTypes);\nvar _EnhancedButton = require('../internal/EnhancedButton');\nvar _EnhancedButton2 = _interopRequireDefault(_EnhancedButton);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };}\n\nfunction getStyles(props, context) {\n  var tabs = context.muiTheme.tabs;\n  return {\n    root: {\n      color: props.selected ? tabs.selectedTextColor : tabs.textColor,\n      fontWeight: 500,\n      fontSize: 14,\n      width: props.width,\n      textTransform: 'uppercase',\n      padding: 0\n    },\n    button: {\n      display: 'flex',\n      flexDirection: 'column',\n      alignItems: 'center',\n      justifyContent: 'center',\n      height: props.label && props.icon ? 72 : 48\n    }\n  };\n  var Tab = function (_Component) {\n    _inherits3.default)(Tab, _Component);\n\n    function Tab() {\n      var _ref;\n\n      var _temp, _this, _ret;\n\n      (0, _classCallCheck3.default)(this, Tab);\n\n      for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n        args[_key] = arguments[_key];\n      }\n\n      return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = Tab.__proto__ || (0, _getPrototypeOf2.default)(Tab)).call.apply(_ref, [this].concat(args))), _this), _this.handleClick = function (event) {\n        if (_this.props.onClick) {\n          _this.props.onClick(_this.props.value, event, _this);\n        }\n      }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n    }\n\n    (0, _createClass3.default)(Tab, [{\n      key: 'render',\n      value: function render() {\n        var _props = this.props,\n            icon = _props.icon,\n            index = _props.index,\n            onActive = _props.onActive,\n            onClick = _props.onClick,\n            selected = _props.selected,\n            label = _props.label,\n            buttonStyle = _props.buttonStyle,\n            style = _props.style,\n            value = _props.value,\n            width = _props.width,\n            other = (0, _objectWithoutProperties3.default)(_props, ['icon', 'index', 'onActive', 'onClick', 'selected', 'label', 'buttonStyle', 'style', 'value', 'width']);\n\n        var styles = getStyles(this.props, this.context);\n        var iconElement = void 0;\n\n        if (icon && _react2.default.isValidElement(icon)) {\n          iconElement = _react2.default.cloneElement(icon, {\n            style: {\n              fontSize: 24,\n              color: icon.props && icon.props.style && icon.props.style.color ? icon.props.style.color : styles.root.color,\n              marginBottom: label ? 5 : 0\n            }\n          });\n        }\n\n        var rippleOpacity = 0.3;\n        var rippleColor = this.context.muiTheme.tabs.selectedTextColor;\n\n        return

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_react2.default.createElement(_EnhancedButton2.default, (0, _extends3.default)({}, other, {
  style: (0,
_simpleAssign2.default)(styles.root, style),
  focusRippleColor: rippleColor,
  touchRippleColor: rippleColor,
  focusRippleOpacity: rippleOpacity,
  touchRippleOpacity: rippleOpacity,
  onClick: this.handleClick
}), _react2.default.createElement('div', {
  style: (0,
_simpleAssign2.default)(styles.button, buttonStyle)
}, iconElement, label));
return Tab;
})(_react.Component);
Tab.muiName = 'Tab';
Tab.contextTypes = {
  muiTheme:
_propTypes2.default.isRequired
};
Tab.propTypes = process.env.NODE_ENV !== "production" ? {
  /**
   * Override the inline-styles of the button element.
   */
  buttonStyle: _propTypes2.default.object,
  /**
   * The css class name of the root element.
   */
  className: _propTypes2.default.string,
  /**
   * Sets the icon of the tab, you can pass `FontIcon` or `SvgIcon` elements.
   */
  icon: _propTypes2.default.node,
  /**
   * @ignore
   */
  index: _propTypes2.default.any,
  /**
   * Sets the text value of the tab item to the string specified.
   */
  label: _propTypes2.default.node,
  /**
   * Fired when the active tab changes by touch or tap.
   */
  onActive: _propTypes2.default.func,
  /**
   * @ignore
   */
  onClick: _propTypes2.default.func,
  /**
   * @ignore
   */
  selected: _propTypes2.default.bool,
  /**
   * Override the inline-styles of the root element.
   */
  style: _propTypes2.default.object,
  /**
   * If value prop passed to Tabs component, this value prop is also required.
   */
  value: _propTypes2.default.any,
  /**
   * @ignore
   */
  width: _propTypes2.default.string
} : {};
exports.default = Tab;
"use strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
var _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');
var _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);
var _interopRequireDefault = require('babel-runtime/helpers/interopRequireDefault');
var _typeof2 = require('babel-runtime/helpers/typeof');
var _typeof3 = _interopRequireDefault(_typeof2);
var _extends2 = require('babel-runtime/helpers/extends');
var _extends3 = _interopRequireDefault(_extends2);
var _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');
var _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);
var _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');
var _classCallCheck3 = _interopRequireDefault(_classCallCheck2);
var _createClass2 = require('babel-runtime/helpers/createClass');
var _createClass3 = _interopRequireDefault(_createClass2);
var _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');
var _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);
var _inherits2 = require('babel-runtime/helpers/inherits');
var _inherits3 = _interopRequireDefault(_inherits2);
var _simpleAssign = require('simple-assign');
var _simpleAssign2 = _interopRequireDefault(_simpleAssign);
var _react = require('react');
var _react2 = _interopRequireDefault(_react);
var _propTypes = require('prop-types');
var _propTypes2 = _interopRequireDefault(_propTypes);
var _Checkbox = require('./Checkbox');
var _Checkbox2 = _interopRequireDefault(_Checkbox);
var _TableRowColumn = require('./TableRowColumn');
var _TableRowColumn2 = _interopRequireDefault(_TableRowColumn);
var _ClickAwayListener = require('./internal/ClickAwayListener');
var _ClickAwayListener2 = _interopRequireDefault(_ClickAwayListener);
function _interopRequireDefault(obj) {
  return obj && obj.__esModule ? obj : {
    default: obj
  };
}
var TableBody = function (_Component) {
  (0, _inherits3.default)(TableBody, _Component);
  function TableBody() {
    var _ref;
    var _temp, _this, _ret;
    (0, _classCallCheck3.default)(this, TableBody);
    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {
      args[_key] = arguments[_key];
    }
    _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = TableBody.__proto__ || (0,

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_getPrototypeOf2.default)(TableBody)).call.apply(_ref, [this].concat(args)), _this), _this.state = {\n
selectedRows: []\n }, _this.isControlled = false, _this.handleClickAway = function () {\n if
(_this.props.deselectOnClickaway && _this.state.selectedRows.length > 0) {\n var selectedRows = [];\n\n
_this.setState({\n selectedRows: selectedRows\n });\n\n if (_this.props.onRowSelection) {\n
_this.props.onRowSelection(selectedRows);\n }\n }, _this.onRowClick = function (event, rowNumber)
{\n event.stopPropagation();\n\n if (_this.props.selectable) {\n // Prevent text selection while selecting
rows.\n if (window.getSelection().rangeCount > 0 &&
window.getSelection().getRangeAt(0).getClientRects.length > 0) {\n
window.getSelection().removeAllRanges();\n }\n\n _this.processRowSelection(event, rowNumber);\n
}\n }, _this.onCellClick = function (event, rowNumber, columnNumber) {\n event.stopPropagation();\n\n if
(_this.props.onCellClick) {\n _this.props.onCellClick(rowNumber, _this.getColumnId(columnNumber),
event);\n }\n }, _this.onCellHover = function (event, rowNumber, columnNumber) {\n if
(_this.props.onCellHover) {\n _this.props.onCellHover(rowNumber, _this.getColumnId(columnNumber),
event);\n }\n\n _this.onRowHover(event, rowNumber);\n }, _this.onCellHoverExit = function (event,
rowNumber, columnNumber) {\n if (_this.props.onCellHoverExit) {\n
_this.props.onCellHoverExit(rowNumber, _this.getColumnId(columnNumber), event);\n }\n\n
_this.onRowHoverExit(event, rowNumber);\n }, _this.onRowHover = function (event, rowNumber) {\n if
(_this.props.onRowHover) {\n _this.props.onRowHover(rowNumber);\n }\n }, _this.onRowHoverExit =
function (event, rowNumber) {\n if (_this.props.onRowHoverExit) {\n
_this.props.onRowHoverExit(rowNumber);\n }\n }, _temp), (0, _possibleConstructorReturn3.default)(_this,
_ret);\n }\n\n (0, _createClass3.default)(TableBody, [{\n key: 'componentWillMount',\n value: function
componentWillMount() {\n if (this.props.preScanRows) {\n this.setState({\n selectedRows:
this.getSelectedRows(this.props)\n });\n }\n }\n }, {\n key: 'componentDidMount',\n value: function
componentDidMount() {\n if (!this.props.preScanRows) {\n this.setState({\n // eslint-disable-line
react/no-did-mount-set-state\n selectedRows: this.getSelectedRows(this.props)\n });\n }\n }\n }, {\n
key: 'componentWillReceiveProps',\n value: function componentWillReceiveProps(nextProps) {\n if
(this.props.allRowsSelected !== nextProps.allRowsSelected) {\n if (!nextProps.allRowsSelected) {\n
this.setState({\n selectedRows: []\n });\n return;\n }\n }\n\n this.setState({\n
selectedRows: this.getSelectedRows(nextProps)\n });\n }\n }, {\n key: 'createRows',\n value: function
createRows() {\n var _this2 = this;\n var numChildren =
_react2.default.Children.count(this.props.children);\n\n var rowNumber = 0;\n var handlers = {\n
onCellClick: this.onCellClick,\n onCellHover: this.onCellHover,\n onCellHoverExit:
this.onCellHoverExit,\n onRowHover: this.onRowHover,\n onRowHoverExit: this.onRowHoverExit,\n
onRowClick: this.onRowClick\n }; \n return _react2.default.Children.map(this.props.children, function (child)
{\n if (_react2.default.isValidElement(child)) {\n var props = {\n hoverable:
_this2.props.showRowHover,\n selected: _this2.isRowSelected(rowNumber),\n striped:
_this2.props.stripedRows && rowNumber % 2 === 0,\n rowNumber: rowNumber++\n }; \n\n if
(rowNumber === numChildren) {\n props.displayBorder = false;\n }\n\n var children =
[_this2.createRowCheckboxColumn(props)];\n\n _react2.default.Children.forEach(child.props.children,
function (child) {\n children.push(child);\n });\n\n return _react2.default.cloneElement(child, (0,
_extends3.default)({}, props, handlers), children);\n }\n });\n }\n }, {\n key:
'createRowCheckboxColumn',\n value: function createRowCheckboxColumn(rowProps) {\n if
(!this.props.displayRowCheckbox) {\n return null;\n }\n\n var name = rowProps.rowNumber + '-cb';\n
var disabled = !this.props.selectable;\n return _react2.default.createElement(_TableRowColumn2.default, {\n
key: name,\n columnNumber: 0,\n style: {\n width: 24,\n cursor: disabled ? 'default' : 'inherit'\n
}\n }, _react2.default.createElement(_Checkbox2.default, {\n name: name,\n value: 'selected',\n
disabled: disabled,\n checked: rowProps.selected\n }));\n }\n }, {\n key: 'getSelectedRows',\n value:
function getSelectedRows(props) {\n var _this3 = this;\n var selectedRows = [];\n\n if (props.selectable)

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{\n    var index = 0;\n\n    _react2.default.Children.forEach(props.children, function (child) {\n        if
(_react2.default.isValidElement(child)) {\n            if (child.props.selected !== undefined) {\n
_this3.isControlled = true;\n            }\n\n            if (child.props.selected && (selectedRows.length === 0 ||
props.multiSelectable)) {\n                selectedRows.push(index);\n                }\n\n                index++;\n                }\n            });\n
}\n\n    return selectedRows;\n    }\n }, {\n    key: 'isRowSelected',\n    value: function
isRowSelected(rowNumber) {\n        var _this4 = this;\n\n        if (this.props.allRowsSelected) {\n            return true;\n        }\n\n        return this.state.selectedRows.some(function (row) {\n            if ((typeof row === 'undefined' ? 'undefined' :
(0, _typeof3.default)(row)) === 'object') {\n                if (_this4.isValueInRange(rowNumber, row)) {\n                    return
true;\n                }\n            } else {\n                if (row === rowNumber) {\n                    return true;\n                }\n            }\n\n            return
false;\n        });\n    }\n }, {\n    key: 'isValueInRange',\n    value: function isValueInRange(value, range) {\n        if
(!range) return false;\n\n        if (range.start <= value && value <= range.end || range.end <= value && value <=
range.start) {\n            return true;\n        }\n\n        return false;\n    }\n }, {\n    key: 'processRowSelection',\n    value:
function processRowSelection(event, rowNumber) {\n        var selectedRows = [].concat((0,
_toConsumableArray3.default)(this.state.selectedRows));\n\n        if (event.shiftKey && this.props.multiSelectable
&& selectedRows.length > 0) {\n            var lastIndex = selectedRows.length - 1;\n            var lastSelection =
selectedRows[lastIndex];\n\n            if ((typeof lastSelection === 'undefined' ? 'undefined' : (0,
_typeof3.default)(lastSelection)) === 'object') {\n                lastSelection.end = rowNumber;\n            } else {\n
selectedRows.splice(lastIndex, 1, {\n                start: lastSelection,\n                end: rowNumber\n            });\n        }\n    }
else if ((event.ctrlKey && !event.metaKey || event.metaKey && !event.ctrlKey) && this.props.multiSelectable) {\n        var
idx = selectedRows.indexOf(rowNumber);\n\n        if (idx < 0) {\n            var foundRange = false;\n\n            for
(var i = 0; i < selectedRows.length; i++) {\n                var range = selectedRows[i];\n                if ((typeof range ===
'undefined' ? 'undefined' : (0, _typeof3.default)(range)) !== 'object') continue;\n\n                if
(this.isValueInRange(rowNumber, range)) {\n                    var _selectedRows;\n\n                    foundRange = true;\n                    var
values = this.splitRange(range, rowNumber);\n\n                    (_selectedRows =
selectedRows).splice.apply(_selectedRows, [i, 1].concat((0, _toConsumableArray3.default)(values)));\n                }\n\n                if
(!foundRange) selectedRows.push(rowNumber);\n            } else {\n                selectedRows.splice(idx,
1);\n            }\n        } else {\n            if (selectedRows.length === 1 && selectedRows[0] === rowNumber) {\n
selectedRows = [];\n            } else {\n                selectedRows = [rowNumber];\n            }\n        }\n\n        if (!this.isControlled)
{\n            this.setState({\n                selectedRows: selectedRows\n            });\n        }\n\n        if (this.props.onRowSelection)
{\n            this.props.onRowSelection(this.flattenRanges(selectedRows));\n        }\n    }\n }, {\n    key: 'splitRange',\n    value: function
splitRange(range, splitPoint) {\n        var splitValues = [];\n        var startOffset = range.start -
splitPoint;\n        var endOffset = range.end - splitPoint; // Process start half\n\n        splitValues.push.apply(splitValues, (0,
_toConsumableArray3.default)(this.genRangeOfValues(splitPoint,
startOffset))); // Process end half\n\n        splitValues.push.apply(splitValues, (0,
_toConsumableArray3.default)(this.genRangeOfValues(splitPoint, endOffset)));\n        return splitValues;\n    }\n },
{\n    key: 'genRangeOfValues',\n    value: function genRangeOfValues(start, offset) {\n        var values = [];\n        var
dir = offset > 0 ? -1 : 1; // This forces offset to approach 0 from either direction.\n\n        while (offset !== 0) {\n
values.push(start + offset);\n            offset += dir;\n        }\n\n        return values;\n    }\n }, {\n    key: 'flattenRanges',\n    value: function
flattenRanges(selectedRows) {\n        var _this5 = this;\n\n        return selectedRows.reduce(function (rows, row) {\n            if ((typeof row === 'undefined' ? 'undefined' : (0,
_typeof3.default)(row)) === 'object') {\n                var values = _this5.genRangeOfValues(row.end, row.start - row.end);\n\n                rows.push.apply(rows,
[row.end].concat((0, _toConsumableArray3.default)(values)));\n            } else {\n                rows.push(row);\n            }\n\n            return
rows;\n        }, []).sort();\n    }\n }, {\n    key: 'getColumnId',\n    value: function
getColumnId(columnNumber) {\n        return columnNumber - 1;\n    }\n }, {\n    key: 'render',\n    value: function
render() {\n        var _props = this.props,\n            style = _props.style,\n            allRowsSelected =
_props.allRowsSelected,\n            multiSelectable = _props.multiSelectable,\n            onClick =
_props.onClick,\n            onCellClick,\n            onCellHover = _props.onCellHover,\n            onCellHoverExit =
_props.onCellHoverExit,\n            onRowHover = _props.onRowHover,\n            onRowHoverExit =

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_props.onRowHoverExit,\n      onRowSelection = _props.onRowSelection,\n      selectable =
_props.selectable,\n      deselectOnClickaway = _props.deselectOnClickaway,\n      showRowHover =
_props.showRowHover,\n      stripedRows = _props.stripedRows,\n      displayRowCheckbox =
_props.displayRowCheckbox,\n      preScanRows = _props.preScanRows,\n      other = (0,
_objectWithoutProperties3.default)(_props, ['style', 'allRowsSelected', 'multiSelectable', 'onCellClick',
'onCellHover', 'onCellHoverExit', 'onRowHover', 'onRowHoverExit', 'onRowSelection', 'selectable',
'deselectOnClickaway', 'showRowHover', 'stripedRows', 'displayRowCheckbox', 'preScanRows']);\n      var
prepareStyles = this.context.muiTheme.prepareStyles;\n      return
_react2.default.createElement(_ClickAwayListener2.default, {\n      onClickAway: this.handleClickAway\n    },
_react2.default.createElement('tbody', (0, _extends3.default)({\n      style: prepareStyles((0,
_simpleAssign2.default)({}, style))\n    }, other), this.createRows()));\n    }\n  });\n  return
TableBody;\n})(_react.Component);\n\nTableBody.muiName = 'TableBody';\nTableBody.defaultProps = {\n  allRowsSelected: false,\n  deselectOnClickaway: true,\n  displayRowCheckbox: true,\n  multiSelectable: false,\n  preScanRows: true,\n  selectable: true,\n  style: {};\n};\nTableBody.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\nTableBody.propTypes = process.env.NODE_ENV !== \"production\" ?
{\n  /**\n   * @ignore\n   * Set to true to indicate that all rows should be selected.\n   */\n  allRowsSelected:
_propTypes2.default.bool,\n\n  /**\n   * Children passed to table body.\n   */\n  children:
_propTypes2.default.node,\n\n  /**\n   * The css class name of the root element.\n   */\n  className:
_propTypes2.default.string,\n\n  /**\n   * Controls whether or not to deselect all selected\n   * rows after clicking
outside the table.\n   */\n  deselectOnClickaway: _propTypes2.default.bool,\n\n  /**\n   * Controls the display of the
row checkbox. The default value is true.\n   */\n  displayRowCheckbox: _propTypes2.default.bool,\n\n  /**\n   *
@ignore\n   * If true, multiple table rows can be selected.\n   * CTRL/CMD+Click and SHIFT+Click are valid
actions.\n   * The default value is false.\n   */\n  multiSelectable: _propTypes2.default.bool,\n\n  /**\n   * @ignore\n   * Callback function for when a cell is clicked.\n   */\n  onCellClick: _propTypes2.default.func,\n\n  /**\n   *
@ignore\n   * Called when a table cell is hovered. rowNumber\n   * is the row number of the hovered row and
columnId\n   * is the column number or the column key of the cell.\n   */\n  onCellHover:
_propTypes2.default.func,\n\n  /**\n   * @ignore\n   * Called when a table cell is no longer hovered.\n   *
rowNumber is the row number of the row and columnId\n   * is the column number or the column key of the cell.\n   */\n  onCellHoverExit: _propTypes2.default.func,\n\n  /**\n   * @ignore\n   * Called when a table row is hovered.\n   */\n  onRowHover: _propTypes2.default.func,\n\n  /**\n   *
@ignore\n   * Called when a table row is no longer\n   * hovered. rowNumber is the row number of the row\n   *
that is no longer hovered.\n   */\n  onRowHoverExit: _propTypes2.default.func,\n\n  /**\n   * @ignore\n   * Called
when a row is selected. selectedRows is an\n   * array of all row selections. If all rows have been selected,\n   * the
string \"all\" will be returned instead to indicate that\n   * all rows have been selected.\n   */\n  onRowSelection:
_propTypes2.default.func,\n\n  /**\n   * Controls whether or not the rows are pre-scanned to determine\n   * initial
state. If your table has a large number of rows and\n   * you are experiencing a delay in rendering, turn off this
property.\n   */\n  preScanRows: _propTypes2.default.bool,\n\n  /**\n   * @ignore\n   * If true, table rows can be
selected. If multiple\n   * row selection is desired, enable multiSelectable.\n   * The default value is true.\n   */\n  selectable: _propTypes2.default.bool,\n\n  /**\n   * If true, table rows will be highlighted when\n   * the cursor is
hovering over the row. The default\n   * value is false.\n   */\n  showRowHover: _propTypes2.default.bool,\n\n  /**\n   *
If true, every other table row starting\n   * with the first row will be striped. The default value is false.\n   */\n  stripedRows: _propTypes2.default.bool,\n\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style: _propTypes2.default.object\n} : {};\n\nexports.default = TableBody;","use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _interopRequireDefault(_extends2);\n\nvar _toConsumableArray2 =
require('babel-runtime/helpers/toConsumableArray');\n\nvar _toConsumableArray3 =
_interopRequireDefault(_toConsumableArray2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =

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_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _TableRowColumn =
require('./TableRowColumn');\n\nvar _TableRowColumn2 =
_interopRequireDefault(_TableRowColumn);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };}\n\nfunction getStyles(props, context) {\n  var tableFooter =
context.muiTheme.tableFooter;\n  return {\n    cell: {\n      borderTop: '1px solid ' + tableFooter.borderColor,\n      verticalAlign: 'bottom',\n      padding: 20,\n      textAlign: 'left',\n      whiteSpace: 'nowrap'\n    }\n  };\n}\n\nvar
TableFooter = function (_Component) {\n  (0, _inherits3.default)(TableFooter, _Component);\n\n  function
TableFooter() {\n    (0, _classCallCheck3.default)(this, TableFooter);\n    return (0,
_possibleConstructorReturn3.default)(this, (TableFooter.__proto__ || (0,
_getPrototypeOf2.default)(TableFooter)).apply(this, arguments));\n  }\n\n  (0, _createClass3.default)(TableFooter,
[{\n    key: 'render',\n    value: function render() {\n      var _props = this.props,\n          adjustForCheckbox =
_props.adjustForCheckbox,\n          children = _props.children,\n          className = _props.className,\n          style
= _props.style,\n          other = (0, _objectWithoutProperties3.default)(_props, ['adjustForCheckbox', 'children',
'className', 'style']);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles =
getStyles(this.props, this.context);\n\n      var footerRows = _react2.default.Children.map(children, function (child,
rowNumber) {\n        var newChildProps = {\n          displayBorder: false,\n          key: 'f-' + rowNumber,\n          rowNumber: rowNumber,\n          style: (0, _simpleAssign2.default)({}, styles.cell, child.props.style)\n        };\n        var newDescendants = void 0;\n        if (adjustForCheckbox) {\n          newDescendants =
[_react2.default.createElement(_TableRowColumn2.default, {\n            key: 'fpcb' + rowNumber,\n            style: {\n              width: 24\n            }\n          })].concat((0,
_toConsumableArray3.default)(_react2.default.Children.toArray(child.props.children)));\n        } else {\n          newDescendants = child.props.children;\n        }\n        return _react2.default.cloneElement(child, newChildProps,
newDescendants);\n      });\n      return _react2.default.createElement('tfoot', (0, _extends3.default)({\n        className: className,\n        style: prepareStyles((0, _simpleAssign2.default)({}, style)),\n        }, other),
footerRows);\n    }\n  }]);\n  return TableFooter;\n}(_react.Component);\n\nTableFooter.muiName =
'TableFooter';\nTableFooter.defaultProps = {\n  adjustForCheckbox: true,\n  style:
{};\n};\nTableFooter.contextTypes = {\n  muiTheme:
 PropTypes.isRequired\n};\n\nTableFooter.propTypes = process.env.NODE_ENV !== "production"
 ? {\n  /**\n   * @ignore\n   * Controls whether or not header rows should be adjusted\n   * for a checkbox column. If
the select all checkbox is true,\n   * this property will not influence the number of columns.\n   * This is mainly
useful for "super header" rows so that\n   * the checkbox column does not create an offset that needs\n   * to be
accounted for manually.\n   */\n  adjustForCheckbox: _propTypes2.default.bool,\n  /**\n   * Children passed to
table footer.\n   */\n  children: _propTypes2.default.node,\n  /**\n   * The css class name of the root element.\n   */\n  className: _propTypes2.default.string,\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style: _propTypes2.default.object\n} : {};\n\nexports.default = TableFooter;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-

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runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _Checkbox = require('./Checkbox');\n\nvar
_Checkbox2 = _interopRequireDefault(_Checkbox);\n\nvar _TableHeaderColumn =
require('./TableHeaderColumn');\n\nvar _TableHeaderColumn2 =
_interopRequireDefault(_TableHeaderColumn);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction getStyles(props, context) {\n  var tableHeader =
context.muiTheme.tableHeader;\n  return {\n    root: {\n      borderBottom: '1px solid ' + tableHeader.borderColor\n    }\n  };\n}\n\nvar TableHeader = function (_Component) {\n  (0, _inherits3.default)(TableHeader, _Component);\n  function TableHeader() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this,
TableHeader);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = TableHeader.__proto__ || (0,
_getPrototypeOf2.default)(TableHeader)).call.apply(_ref, [this].concat(args))), _this), _this.handleCheckAll =
function (event, checked) {\n      if (_this.props.onSelectAll) {\n        _this.props.onSelectAll(checked);\n      }\n    },
_temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n  (0, _createClass3.default)(TableHeader, [{\n    key: 'createSuperHeaderRows',\n    value: function createSuperHeaderRows() {\n      var numChildren =
_react2.default.Children.count(this.props.children);\n\n      if (numChildren === 1) return undefined;\n\n      var
superHeaders = [];\n\n      for (var index = 0; index < numChildren - 1; index++) {\n        var child =
this.props.children[index];\n\n        if (!_react2.default.isValidElement(child)) continue;\n\n        var props = {\n          key: 'sh' + index,\n          rowNumber: index\n        };
superHeaders.push(this.createSuperHeaderRow(child, props));\n      }\n\n      if (superHeaders.length) return superHeaders;\n    }\n  }, {\n    key:
'createSuperHeaderRow',\n    value: function createSuperHeaderRow(child, props) {\n      var children = [];\n\n      (this.props.adjustForCheckbox) {\n        children.push(this.getCheckboxPlaceholder(props));\n      }\n\n      _react2.default.Children.forEach(child.props.children, function (child) {\n        children.push(child);\n      });\n\n      return _react2.default.cloneElement(child, props, children);\n    }\n  }, {\n    key: 'createBaseHeaderRow',\n    value:
function createBaseHeaderRow() {\n      var childrenArray =
_react2.default.Children.toArray(this.props.children);\n\n      var numChildren = childrenArray.length;\n\n      if
(numChildren < 1) {\n        return null;\n      }\n\n      var child = childrenArray[numChildren - 1];\n      var props =
{\n        key: 'h' + numChildren,\n        rowNumber: numChildren\n      };\n      var children =
[this.selectAllCheckboxColumn(props)];\n\n      _react2.default.Children.forEach(child.props.children, function
(child) {\n        children.push(child);\n      });\n\n      return _react2.default.cloneElement(child, props, children);\n    }\n  }, {\n    key: 'getCheckboxPlaceholder',\n    value: function getCheckboxPlaceholder(props) {\n      if
(!_this.props.adjustForCheckbox) return null;\n      var disabled = !_this.props.enableSelectAll;\n      var key = 'hpcb' +
props.rowNumber;\n      return _react2.default.createElement(_TableHeaderColumn2.default, {\n        key: key,\n        style: {\n          width: 24,\n          cursor: disabled ? 'default' : 'inherit'\n        }\n      });\n    }\n  }, {\n    key:
'getSelectAllCheckboxColumn',\n    value: function getSelectAllCheckboxColumn(props) {\n      if
(!_this.props.displaySelectAll) return this.getCheckboxPlaceholder(props);\n      var disabled =
!this.props.enableSelectAll;\n\n      var checkbox = _react2.default.createElement(_Checkbox2.default, {\n        key:
'selectallcb',\n        name: 'selectallcb',\n        value: 'selected',\n        disabled: disabled,\n        checked:
this.props.selectAllSelected,\n        onClick: this.handleCheckAll\n      });\n\n      var key = 'hpcb' +
props.rowNumber;\n      return _react2.default.createElement(_TableHeaderColumn2.default, {\n        key: key,\n

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style: {\n      width: 24,\n      cursor: disabled ? 'not-allowed' : 'inherit'\n    }\n  }, checkbox);\n  }\n }, {\n
key: 'render',\n  value: function render() {\n    var _props = this.props,\n        className = _props.className,\n        style = _props.style;\n    var prepareStyles = this.context.muiTheme.prepareStyles;\n    var styles =
getStyles(this.props, this.context);\n    var superHeaderRows = this.createSuperHeaderRows();\n    var
baseHeaderRow = this.createBaseHeaderRow();\n    return _react2.default.createElement('thead', {\n
className: className,\n    style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n  },
superHeaderRows, baseHeaderRow);\n  }\n });\n return
TableHeader;\n})(_react.Component);\n\nTableHeader.muiName = 'TableHeader';\nTableHeader.defaultProps = {\n
adjustForCheckbox: true,\n displaySelectAll: true,\n enableSelectAll: true,\n selectAllSelected:
false\n};\nTableHeader.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nTableHeader.propTypes = process.env.NODE_ENV !== \"production\"
? {\n  /**\n   * Controls whether or not header rows should be\n   * adjusted for a checkbox column. If the select
all\n   * checkbox is true, this property will not influence\n   * the number of columns. This is mainly useful for\n   *
\"super header\" rows so that the checkbox column\n   * does not create an offset that needs to be accounted\n   * for
manually.\n   */\n  adjustForCheckbox: _propTypes2.default.bool,\n  /**\n   * Children passed to table header.\n   */\n  children: _propTypes2.default.node,\n  /**\n   * The css class name of the root element.\n   */\n  className:
_propTypes2.default.string,\n  /**\n   * Controls whether or not the select all checkbox is displayed.\n   */\n  displaySelectAll: _propTypes2.default.bool,\n  /**\n   * If set to true, the select all button will be interactable.\n   *
If set to false, the button will not be interactable.\n   * To hide the checkbox, set displaySelectAll to false.\n   */\n  enableSelectAll: _propTypes2.default.bool,\n  /**\n   * @ignore\n   * Callback when select all has been
checked.\n   */\n  onSelectAll: _propTypes2.default.func,\n  /**\n   * @ignore\n   * True when select all has been
checked.\n   */\n  selectAllSelected: _propTypes2.default.bool,\n  /**\n   * Override the inline-styles of the root
element.\n   */\n  style: _propTypes2.default.object\n} : {};\n\nexports.default = TableHeader;","use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction getStyles(props, context, state) {\n  var tableRow =
context.muiTheme.tableRow;\n  var cellBgColor = 'inherit';\n  if (props.hovered || state.hovered) {\n    cellBgColor =
tableRow.hoverColor;\n  } else if (props.selected) {\n    cellBgColor = tableRow.selectedColor;\n  } else if
(props.striped) {\n    cellBgColor = tableRow.stripeColor;\n  }\n\n  return {\n    root: {\n      borderBottom:
props.displayBorder && '1px solid ' + tableRow.borderColor,\n      color: tableRow.textColor,\n      height:
tableRow.height\n    },\n    cell: {\n      backgroundColor: cellBgColor\n    }\n  };\n}\n\nvar TableRow = function
(_Component) {\n  (0, _inherits3.default)(TableRow, _Component);\n\n  function TableRow() {\n    var _ref;\n\n    var
_temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, TableRow);\n\n    for (var _len = arguments.length,
args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret =
(_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = TableRow.__proto__ || (0,

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_getPrototypeOf2.default)(TableRow)).call.apply(_ref, [this].concat(args)), _this), _this.state = {
  hovered:
false
}, _this.onCellClick = function (event, columnIndex) {
  if (_this.props.selectable &&
_this.props.onCellClick) {
    _this.props.onCellClick(event, _this.props.rowNumber, columnIndex);
  }
  event.ctrlKey = true;
  _this.onRowClick(event);
}, _this.onCellHover = function (event, columnIndex)
{
  if (_this.props.hoverable) {
    _this.setState({
      hovered: true
    });
  }
  if
(_this.props.onCellHover) _this.props.onCellHover(event, _this.props.rowNumber, columnIndex);
_this.onRowHover(event);
}, _this.onCellHoverExit = function (event, columnIndex) {
  if
(_this.props.hoverable) {
    _this.setState({
      hovered: false
    });
  }
  if
(_this.props.onCellHoverExit) _this.props.onCellHoverExit(event, _this.props.rowNumber, columnIndex);
_this.onRowHoverExit(event);
}
}, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);
}
(0, _createClass3.default)(TableRow, [{
  key: 'onRowClick',
  value: function onRowClick(event) {
    if
(this.props.selectable && this.props.onRowClick) {
      this.props.onRowClick(event, this.props.rowNumber);
    }
  }
}, {
  key: 'onRowHover',
  value: function onRowHover(event) {
    if (this.props.onRowHover)
this.props.onRowHover(event, this.props.rowNumber);
  }
}, {
  key: 'onRowHoverExit',
  value: function onRowHoverExit(event) {
    if (this.props.onRowHoverExit)
this.props.onRowHoverExit(event, this.props.rowNumber);
  }
}, {
  key: 'render',
  value: function
render() {
    var _this2 = this;
    var _props = this.props,
        className = _props.className,
        displayBorder = _props.displayBorder,
        hoverable = _props.hoverable,
        hovered = _props.hovered,
        onCellClick = _props.onCellClick,
        onCellHover = _props.onCellHover,
        onCellHoverExit =
_props.onCellHoverExit,
        onRowClick = _props.onRowClick,
        onRowHover =
_props.onRowHover,
        onRowHoverExit = _props.onRowHoverExit,
        rowNumber =
_props.rowNumber,
        selectable = _props.selectable,
        selected = _props.selected,
        striped =
_props.striped,
        style = _props.style,
        other = (0, _objectWithoutProperties3.default)(_props,
['className', 'displayBorder', 'hoverable', 'hovered', 'onCellClick', 'onCellHover', 'onCellHoverExit', 'onRowClick',
'onRowHover', 'onRowHoverExit', 'rowNumber', 'selectable', 'selected', 'striped', 'style']);
    var prepareStyles =
this.context.muiTheme.prepareStyles;
    var styles = getStyles(this.props, this.context, this.state);
    var
rowColumns = _react2.default.Children.map(this.props.children, function (child, columnNumber) {
      if
(_react2.default.isValidElement(child)) {
        return _react2.default.cloneElement(child, {
          columnNumber: columnNumber,
          hoverable: _this2.props.hoverable,
          key: _this2.props.rowNumber
+ '-' + columnNumber,
          onClick: _this2.onCellClick,
          onHover: _this2.onCellHover,
          onHoverExit: _this2.onCellHoverExit,
          style: (0, _simpleAssign2.default)({}, styles.cell, child.props.style)
        });
      }
    });
    return _react2.default.createElement('tr', (0, _extends3.default)({
      className:
className,
      style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))
    }, other),
rowColumns);
}
}]);
return TableRow;
})(_react.Component);
TableRow.defaultProps = {
  displayBorder: true,
  hoverable: false,
  hovered: false,
  selectable: true,
  striped:
false
};
TableRow.contextTypes = {
  muiTheme:
_propTypes2.default.object.isRequired
};
TableRow.propTypes = process.env.NODE_ENV !== "production" ?
{
  /**
   * Children passed to table row.
   */
  children: _propTypes2.default.node,
  /**
   * The css class
name of the root element.
   */
  className: _propTypes2.default.string,
  /**
   * If true, row border will be
displayed for the row.
   * If false, no border will be drawn.
   */
  displayBorder: _propTypes2.default.bool,
  /**
   * Controls whether or not the row responds to hover events.
   */
  hoverable:
_propTypes2.default.bool,
  /**
   * Controls whether or not the row should be rendered as being
   * hovered.
   This property is evaluated in addition to this.state.hovered
   * and can be used to synchronize the hovered state
with some other
   * external events.
   */
  hovered: _propTypes2.default.bool,
  /**
   * @ignore
   * Called when a row cell is clicked.
   * rowNumber is the row number and columnId is
   * the column number or
the column key.
   */
  onClick: _propTypes2.default.func,
  /**
   * @ignore
   * Called when a table
cell is hovered.
   * rowNumber is the row number of the hovered row
   * and columnId is the column number or
the column key of the cell.
   */
  onCellHover: _propTypes2.default.func,
  /**
   * @ignore
   * Called

```

when a table cell is no longer hovered.\n * rowNumber is the row number of the row and columnId\n * is the column number or the column key of the cell.\n */\n onCellHoverExit: _propTypes2.default.func,\n\n /**\n * @ignore\n * Called when row is clicked.\n */\n onClick: _propTypes2.default.func,\n\n /**\n * @ignore\n * Called when a table row is hovered.\n * rowNumber is the row number of the hovered row.\n */\n\n onRowHover: _propTypes2.default.func,\n\n /**\n * @ignore\n * Called when a table row is no longer hovered.\n * rowNumber is the row number of the row that is no longer hovered.\n */\n\n onRowHoverExit: _propTypes2.default.func,\n\n /**\n * Number to identify the row. This property is\n * automatically populated when used with the TableBody component.\n */\n\n rowNumber: _propTypes2.default.number,\n\n /**\n * If true, table rows can be selected. If multiple row\n * selection is desired, enable multiSelectable.\n * The default value is true.\n */\n\n selectable: _propTypes2.default.bool,\n\n /**\n * Indicates that a particular row is selected.\n * This property can be used to programmatically select rows.\n */\n\n selected: _propTypes2.default.bool,\n\n /**\n * Indicates whether or not the row is striped.\n */\n\n striped: _propTypes2.default.bool,\n\n /**\n * Override the inline-styles of the root element.\n */\n\n style: _propTypes2.default.object\n} : {};\n\nexports.default = TableRow;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = undefined;\n\nvar _TimePicker = require('./TimePicker');\n\nvar _TimePicker2 = _interopRequireDefault(_TimePicker);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nexports.default = _TimePicker2.default;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = undefined;\n\nvar _Toggle = require('./Toggle');\n\nvar _Toggle2 = _interopRequireDefault(_Toggle);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nexports.default = _Toggle2.default;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = undefined;\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nfunction getStyles(props, context) {\n var firstChild = props.firstChild,\n lastChild = props.lastChild;\n var _context\$muiTheme = context.muiTheme,\n baseTheme = _context\$muiTheme.baseTheme,\n button = _context\$muiTheme.button,\n toolbar = _context\$muiTheme.toolbar;\n var marginHorizontal = baseTheme.spacing.desktopGutter;\n var marginVertical = (toolbar.height - button.height) / 2;\n var styles = {\n root: {\n position: 'relative',\n marginLeft: firstChild ? -marginHorizontal : undefined,\n marginRight: lastChild ? -marginHorizontal : undefined,\n display: 'flex',\n justifyContent: 'space-between',\n alignItems: 'center'\n },\n dropdownMenu: {\n root: {\n color: toolbar.color,\n // removes hover color change, we want to keep it\n marginRight: baseTheme.spacing.desktopGutter,\n flex: 1,\n whiteSpace: 'nowrap'\n },\n controlBg: {\n backgroundColor: toolbar.menuHoverColor,\n borderRadius: 0\n },\n underline: {\n display: 'none'\n }\n },\n button: {\n margin: marginVertical + 'px' + marginHorizontal + 'px',\n position: 'relative'\n },\n icon: {\n root: {\n cursor: 'pointer',\n lineHeight: toolbar.height + 'px',\n paddingLeft: baseTheme.spacing.desktopGutter\n }\n },\n span: {\n color: toolbar.iconColor,\n lineHeight:

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toolbar.height + 'px\n  }\n }\n return styles;\n}\n\nvar ToolbarGroup = function (_Component) {\n (0,
_inherits3.default)(ToolbarGroup, _Component);\n\n function ToolbarGroup() {\n (0,
_classCallCheck3.default)(this, ToolbarGroup);\n return (0, _possibleConstructorReturn3.default)(this,
(ToolbarGroup.__proto__ || (0, _getPrototypeOf2.default)(ToolbarGroup)).apply(this, arguments));\n }\n\n (0,
_createClass3.default)(ToolbarGroup, [{\n key: 'handleMouseLeaveFontIcon',\n value: function
handleMouseLeaveFontIcon(style) {\n return function (event) {\n event.target.style.zIndex = 'auto';\n
event.target.style.color = style.root.color;\n  }\n }\n }, {\n key: 'render',\n value: function render() {\n
var _this2 = this;\n\n var _props = this.props,\n children = _props.children,\n className =
_props.className,\n firstChild = _props.firstChild,\n lastChild = _props.lastChild,\n style =
_props.style,\n other = (0, _objectWithoutProperties3.default)(_props, ['children', 'className', 'firstChild',
'lastChild', 'style']);\n\n var prepareStyles = this.context.muiTheme.prepareStyles;\n var styles =
getStyles(this.props, this.context);\n\n var newChildren = _react2.default.Children.map(children, function
(currentChild) {\n if (!currentChild) {\n return null;\n }\n\n if (!currentChild.type) {\n return
currentChild;\n }\n\n switch (currentChild.type.muiName) {\n case 'DropDownMenu':\n return
_react2.default.cloneElement(currentChild, {\n style: (0, _simpleAssign2.default)({},
styles.dropDownMenu.root, currentChild.props.style),\n underlineStyle: styles.dropDownMenu.underline\n
});\n\n case 'RaisedButton':\n case 'FlatButton':\n return
_react2.default.cloneElement(currentChild, {\n style: (0, _simpleAssign2.default)({}, styles.button,
currentChild.props.style)\n });\n\n case 'FontIcon':\n return
_react2.default.cloneElement(currentChild, {\n style: (0, _simpleAssign2.default)({}, styles.icon.root,
currentChild.props.style),\n color: currentChild.props.color || _this2.context.muiTheme.toolbar.iconColor,\n
hoverColor: currentChild.props.hoverColor || _this2.context.muiTheme.toolbar.hoverColor\n });\n\n
case 'ToolbarSeparator':\n case 'ToolbarTitle':\n return _react2.default.cloneElement(currentChild,
{\n style: (0, _simpleAssign2.default)({}, styles.span, currentChild.props.style)\n });\n\n
default:\n return currentChild;\n }\n }, this);\n\n return _react2.default.createElement('div', (0,
_extends3.default)({}, other, {\n className: className,\n style: prepareStyles((0,
_simpleAssign2.default)({}, styles.root, style))\n })), newChildren);\n }\n });\n return
ToolbarGroup;\n})(_react.Component);\n\nToolbarGroup.defaultProps = {\n firstChild: false,\n lastChild:
false\n};\n\nToolbarGroup.contextTypes = {\n muiTheme:
_propTypes2.default.isRequired\n};\n\nToolbarGroup.propTypes = process.env.NODE_ENV !==
'production' ? {\n /**\n * Can be any node or number of nodes.\n */\n children: _propTypes2.default.node,\n\n
/**\n * The css class name of the root element.\n */\n className: _propTypes2.default.string,\n\n /**\n * Set
this to true for if the `ToolbarGroup` is the first child of `Toolbar`\n * to prevent setting the left gap.\n */\n
firstChild: _propTypes2.default.bool,\n\n /**\n * Set this to true for if the `ToolbarGroup` is the last child of
`Toolbar`\n * to prevent setting the right gap.\n */\n lastChild: _propTypes2.default.bool,\n\n /**\n * Override
the inline-styles of the root element.\n */\n style: _propTypes2.default.object\n} : {};\n\nexports.default =
ToolbarGroup;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar
_extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 =
_interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar

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_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction getStyles(props, context) {\n  var _context$muiTheme = context.muiTheme,\n      baseTheme = _context$muiTheme.baseTheme,\n      toolbar = _context$muiTheme.toolbar;\n  return {\n    root: {\n      backgroundColor: toolbar.separatorColor,\n      display: 'block',\n      height: baseTheme.spacing.desktopGutterMore,\n      marginLeft: baseTheme.spacing.desktopGutter,\n      width: 1\n    }\n  };\n}\n\nvar ToolbarSeparator = function (_Component) {\n  (0, _inherits3.default)(ToolbarSeparator, _Component);\n\n  function ToolbarSeparator() {\n    (0, _classCallCheck3.default)(this, ToolbarSeparator);\n    return (0, _possibleConstructorReturn3.default)(this, (ToolbarSeparator.__proto__ || (0, _getPrototypeOf2.default)(ToolbarSeparator)).apply(this, arguments));\n  }\n\n  (0, _createClass3.default)(ToolbarSeparator, [{\n    key: 'render',\n    value: function render() {\n      var _props = this.props,\n          className = _props.className,\n          style = _props.style,\n          other = (0, _objectWithoutProperties3.default)(_props, ['className', 'style']);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles = getStyles(this.props, this.context);\n      return _react2.default.createElement('span', (0, _extends3.default)({}, other, {\n        className: className,\n        style: prepareStyles((0, _simpleAssign2.default)({}, styles.root, style))\n      }));\n    }\n  }]);\n  return ToolbarSeparator;\n}(_react.Component);\n\nToolbarSeparator.muiName = 'ToolbarSeparator';\n\nToolbarSeparator.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nToolbarSeparator.propTypes = process.env.NODE_ENV !== 'production' ? {\n  /**\n   * The css class name of the root element.\n   */\n  className: _propTypes2.default.string,\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style: _propTypes2.default.object\n} : {};\n\nexports.default = ToolbarSeparator;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction getStyles(props, context) {\n  var _context$muiTheme = context.muiTheme,\n      baseTheme = _context$muiTheme.baseTheme,\n      toolbar = _context$muiTheme.toolbar;\n  return {\n    root: {\n      paddingRight: baseTheme.spacing.desktopGutterLess,\n      lineHeight: toolbar.height + 'px',\n      fontSize: toolbar.titleFontSize,\n      fontFamily: baseTheme.fontFamily,\n      position: 'relative',\n      textOverflow: 'ellipsis',\n      whiteSpace: 'nowrap',\n      overflow: 'hidden'\n    }\n  };\n}\n\nvar ToolbarTitle = function (_Component) {\n  (0, _inherits3.default)(ToolbarTitle, _Component);\n\n  function ToolbarTitle() {\n    (0, _classCallCheck3.default)(this, ToolbarTitle);\n    return (0, _possibleConstructorReturn3.default)(this, (ToolbarTitle.__proto__ || (0, _getPrototypeOf2.default)(ToolbarTitle)).apply(this, arguments));\n  }\n\n  (0, _createClass3.default)(ToolbarTitle, [{\n    key: 'render',\n    value: function render() {\n      var _props = this.props,\n          style = _props.style,\n          other = (0, _objectWithoutProperties3.default)(_props, ['style']);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles = getStyles(this.props, this.context);\n      return _react2.default.createElement('span', (0, _extends3.default)({}, other, {\n        style: prepareStyles((0, _simpleAssign2.default)({}, styles.root, style))\n      }));\n    }\n  }]);\n  return ToolbarTitle;\n}(_react.Component);\n\nToolbarTitle.muiName = 'ToolbarTitle';\n\nToolbarTitle.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nToolbarTitle.propTypes = process.env.NODE_ENV !== 'production' ? {\n  /**\n   * The css class name of the root element.\n   */\n  className: _propTypes2.default.string,\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style: _propTypes2.default.object\n} : {};\n\nexports.default = ToolbarTitle;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction getStyles(props, context) {\n  var _context$muiTheme = context.muiTheme,\n      baseTheme = _context$muiTheme.baseTheme,\n      toolbar = _context$muiTheme.toolbar;\n  return {\n    root: {\n      paddingRight: baseTheme.spacing.desktopGutterLess,\n      lineHeight: toolbar.height + 'px',\n      fontSize: toolbar.titleFontSize,\n      fontFamily: baseTheme.fontFamily,\n      position: 'relative',\n      textOverflow: 'ellipsis',\n      whiteSpace: 'nowrap',\n      overflow: 'hidden'\n    }\n  };\n}\n\nvar ToolbarTitle = function (_Component) {\n  (0, _inherits3.default)(ToolbarTitle, _Component);\n\n  function ToolbarTitle() {\n    (0, _classCallCheck3.default)(this, ToolbarTitle);\n    return (0, _possibleConstructorReturn3.default)(this, (ToolbarTitle.__proto__ || (0, _getPrototypeOf2.default)(ToolbarTitle)).apply(this, arguments));\n  }\n\n  (0, _createClass3.default)(ToolbarTitle, [{\n    key: 'render',\n    value: function render() {\n      var _props = this.props,\n          style = _props.style,\n          other = (0, _objectWithoutProperties3.default)(_props, ['style']);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles = getStyles(this.props, this.context);\n      return _react2.default.createElement('span', (0, _extends3.default)({}, other, {\n        style: prepareStyles((0, _simpleAssign2.default)({}, styles.root, style))\n      }));\n    }\n  }]);\n  return ToolbarTitle;\n}(_react.Component);\n\nToolbarTitle.muiName = 'ToolbarTitle';\n\nToolbarTitle.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nToolbarTitle.propTypes = process.env.NODE_ENV !== 'production' ? {\n  /**\n   * The css class name of the root element.\n   */\n  className: _propTypes2.default.string,\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style: _propTypes2.default.object\n} : {};\n\nexports.default = ToolbarTitle;"}

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text = _props.text,\n      other = (0, _objectWithoutProperties3.default)(_props, ['style', 'text']);\n      var
prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles = getStyles(this.props, this.context);\n      return _react2.default.createElement('span', (0, _extends3.default)({\n        style: prepareStyles((0,
_simpleAssign2.default)({}, styles.root, style))\n      }, other), text);\n    }\n  });\n  return
ToolbarTitle;\n})(_react.Component);\n\nToolbarTitle.muiName = 'ToolbarTitle';\nToolbarTitle.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired\n};\nToolbarTitle.propTypes = process.env.NODE_ENV !==
'production' ? {\n  /**\n   * The css class name of the root element.\n   */\n  className:
_propTypes2.default.string,\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style:
_propTypes2.default.object,\n  /**\n   * The text to be displayed.\n   */\n  text: _propTypes2.default.node\n} :
{};\nexports.default = ToolbarTitle;","/** Used as references for various `Number` constants. */\nvar
MAX_SAFE_INTEGER = 9007199254740991;\n/**\n * Checks if `value` is a valid array-like length.\n */\n *
**Note:** This method is loosely based on\n * [ `ToLength` ](http://ecma-international.org/ecma-262/7.0/#sec-
tolength).\n */\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The
value to check.\n * @returns {boolean} Returns `true` if `value` is a valid length, else `false`.\n * @example\n *\n *
_.isLength(3);\n * // => true\n *\n * _.isLength(Number.MIN_VALUE);\n * // => false\n *\n *
_.isLength(Infinity);\n * // => false\n *\n * _.isLength('3');\n * // => false\n */\nfunction isLength(value) {\n
return typeof value == 'number' && value > -1 && value % 1 == 0 && value <=
MAX_SAFE_INTEGER;\n}\n\nmodule.exports = isLength;","var freeGlobal = require('./_freeGlobal');\n/** Detect
free variable `exports`.\n */\nvar freeExports = typeof exports == 'object' && exports && !exports.nodeType &&
exports;\n/** Detect free variable `module`.\n */\nvar freeModule = freeExports && typeof module == 'object' &&
module && !module.nodeType && module;\n/** Detect the popular CommonJS extension `module.exports`.\n */\nvar
moduleExports = freeModule && freeModule.exports === freeExports;\n/** Detect free variable
`process` from Node.js.\n */\nvar freeProcess = moduleExports && freeGlobal.process;\n/** Used to access faster
Node.js helpers.\n */\nvar nodeUtil = function () {\n  try {\n    // Use `util.types` for Node.js 10+.\n    var types =
freeModule && freeModule.require && freeModule.require('util').types;\n    if (types) {\n      return types;\n    } //
Legacy `process.binding('util')` for Node.js < 10.\n\n    return freeProcess && freeProcess.binding &&
freeProcess.binding('util');\n  } catch (e) {}\n}();\n\nmodule.exports = nodeUtil;","var baseGet =
require('./_baseGet');\n/**\n * Gets the value at `path` of `object`. If the resolved value is\n * `undefined`, the
`defaultValue` is returned in its place.\n */\n * @static\n * @memberOf _\n * @since 3.7.0\n * @category Object\n
* @param {Object} object The object to query.\n * @param {Array|string} path The path of the property to get.\n *
* @param {*} [defaultValue] The value returned for `undefined` resolved values.\n * @returns {*} Returns the
resolved value.\n * @example\n *\n * var object = { 'a': { 'b': { 'c': 3 } } };\n *\n * _.get(object, 'a[0].b.c');\n * // =>
3\n *\n * _.get(object, ['a', '0', 'b', 'c']);\n * // => 3\n *\n * _.get(object, 'a.b.c', 'default');\n * // => 'default'\n
*/\nfunction get(object, path, defaultValue) {\n  var result = object == null ? undefined : baseGet(object, path);\n
return result === undefined ? defaultValue : result;\n}\n\nmodule.exports = get;","var isArray =
require('./isArray'),\n  isSymbol = require('./isSymbol');\n/** Used to match property names within property paths.
*/\nvar reIsDeepProp = /^(?:[^\[\]]*(\[(?:\s*([^\s\]]|\s(?:/|\s*))?\s*\]|)[^\s\]]|\s(?:/|\s))?\s*$|/,\n  reIsPlainProp =
/^(?!\s*$)/;\n/**\n * Checks if `value` is a property name and not a property path.\n */\n * @private\n * @param {*} value The value to
check.\n * @param {Object} [object] The object to query keys on.\n * @returns {boolean} Returns `true` if `value`
is a property name, else `false`.\n */\nfunction isKey(value, object) {\n  if (isArray(value)) {\n    return false;\n
  }\n  var type = typeof value;\n  if (type == 'number' || type == 'symbol' || type == 'boolean' || value == null ||
isSymbol(value)) {\n    return true;\n  }\n  return reIsPlainProp.test(value) || !reIsDeepProp.test(value) || object !=
null && value in Object(object);\n}\n\nmodule.exports = isKey;","var mapCacheClear =
require('./_mapCacheClear'),\n  mapCacheDelete = require('./_mapCacheDelete'),\n  mapCacheGet =
require('./_mapCacheGet'),\n  mapCacheHas = require('./_mapCacheHas'),\n  mapCacheSet =
require('./_mapCacheSet');\n/**\n * Creates a map cache object to store key-value pairs.\n */\n * @private\n *
* @constructor\n * @param {Array} [entries] The key-value pairs to cache.\n */\nfunction MapCache(entries) {\n
  var index = -1,\n      length = entries == null ? 0 : entries.length;\n  this.clear();\n  while (++index < length) {\n

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var entry = entries[index];\n  this.set(entry[0], entry[1]);\n } } // Add methods to
`MapCache`. \n\n\nMapCache.prototype.clear = mapCacheClear;\nMapCache.prototype['delete'] =
mapCacheDelete;\nMapCache.prototype.get = mapCacheGet;\nMapCache.prototype.has =
mapCacheHas;\nMapCache.prototype.set = mapCacheSet;\nmodule.exports = MapCache;","var getNative =
require('./_getNative'),\n  root = require('./_root');\n\n/* Built-in method references that are verified to be native.
*\n\n\nvar Map = getNative(root, 'Map');\nmodule.exports = Map;","var isObject = require('./isObject');\n\n/* Built-
in value references. *\n\n\nvar objectCreate = Object.create;\n\n**\n * The base implementation of `_.create` without
support for assigning\n * properties to the created object.\n * \n * @private\n * @param {Object} proto The object to
inherit from.\n * @returns {Object} Returns the new object.\n *\n\n\nvar baseCreate = function () {\n  function
object() {\n\n  return function (proto) {\n    if (!isObject(proto)) {\n      return {};\n    }\n\n    if (objectCreate) {\n
return objectCreate(proto);\n    }\n\n    object.prototype = proto;\n    var result = new object();\n    object.prototype =
undefined;\n    return result;\n  }; }();\n\nmodule.exports = baseCreate;","var Stack = require('./_Stack'),\n
assignMergeValue = require('./_assignMergeValue'),\n  baseFor = require('./_baseFor'),\n  baseMergeDeep =
require('./_baseMergeDeep'),\n  isObject = require('./isObject'),\n  keysIn = require('./keysIn'),\n  safeGet =
require('./_safeGet');\n\n**\n * The base implementation of `_.merge` without support for multiple sources.\n * \n *
*\n * @private\n * @param {Object} object The destination object.\n * @param {Object} source The source object.\n *
*\n * @param {number} srcIndex The index of `source`.\n * @param {Function} [customizer] The function to customize
merged values.\n * @param {Object} [stack] Tracks traversed source values and their merged\n * counterparts.\n
*\n\n\nfunction baseMerge(object, source, srcIndex, customizer, stack) {\n  if (object === source) {\n    return;\n
}\n\n  baseFor(source, function (srcValue, key) {\n    if (isObject(srcValue)) {\n      stack || (stack = new Stack());\n
      baseMergeDeep(object, source, key, srcIndex, baseMerge, customizer, stack);\n    } else {\n      var newValue =
customizer ? customizer(safeGet(object, key), srcValue, key + "", object, source, stack) : undefined;\n      if
(newValue === undefined) {\n        newValue = srcValue;\n      }\n\n      assignMergeValue(object, key,
newValue);\n    } } , keysIn);\n}\n\nmodule.exports = baseMerge;","var createBaseFor =
require('./_createBaseFor');\n\n**\n * The base implementation of `baseForOwn` which iterates over `object`\n *
properties returned by `keysFunc` and invokes `iteratee` for each property.\n * Iteratee functions may exit iteration
early by explicitly returning `false`.\n * \n * \n * @private\n * @param {Object} object The object to iterate over.\n *
*\n * @param {Function} iteratee The function invoked per iteration.\n * @param {Function} keysFunc The function to
get the keys of `object`.\n * @returns {Object} Returns `object`.\n *\n\n\nvar baseFor =
createBaseFor();\n\nmodule.exports = baseFor;","var Uint8Array = require('./_Uint8Array');\n\n**\n * Creates a clone
of `arrayBuffer`.\n * \n * \n * @private\n * @param {ArrayBuffer} arrayBuffer The array buffer to clone.\n * @returns
{ArrayBuffer} Returns the cloned array buffer.\n *\n\n\nfunction cloneArrayBuffer(arrayBuffer) {\n  var result =
new arrayBuffer.constructor(arrayBuffer.byteLength);\n  new Uint8Array(result).set(new
Uint8Array(arrayBuffer));\n  return result;\n}\n\nmodule.exports = cloneArrayBuffer;","/**\n * Converts `set` to an
array of its values.\n * \n * \n * @private\n * @param {Object} set The set to convert.\n * @returns {Array} Returns the
values.\n *\n\n\nfunction setToArray(set) {\n  var index = -1,\n    result = Array(set.size);\n  set.forEach(function
(value) {\n    result[++index] = value;\n  });\n  return result;\n}\n\nmodule.exports = setToArray;","var arrayFilter =
require('./_arrayFilter'),\n  stubArray = require('./stubArray');\n\n**\n * Used for built-in method references. *\n\n\nvar
objectProto = Object.prototype;\n\n**\n * Built-in value references. *\n\n\nvar propertyIsEnumerable =
objectProto.propertyIsEnumerable;\n\n/* Built-in method references for those with the same name as other `lodash`
methods. *\n\n\nvar nativeGetSymbols = Object.getOwnPropertySymbols;\n\n**\n * Creates an array of the own
enumerable symbols of `object`.\n * \n * \n * @private\n * @param {Object} object The object to query.\n * @returns
{Array} Returns the array of symbols.\n *\n\n\nvar getSymbols = !nativeGetSymbols ? stubArray : function (object)
{\n  if (object == null) {\n    return [];\n  }\n\n  object = Object(object);\n  return
arrayFilter(nativeGetSymbols(object), function (symbol) {\n    return propertyIsEnumerable.call(object, symbol);\n
});\n};\n\nmodule.exports = getSymbols;","var baseHasIn = require('./_baseHasIn'),\n  hasPath =
require('./_hasPath');\n\n**\n * Checks if `path` is a direct or inherited property of `object`.\n * \n * \n * @static\n *
*\n * @memberOf _\n * @since 4.0.0\n * @category Object\n * @param {Object} object The object to query.\n *

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@param {Array|string} path The path to check.\n * @returns {boolean} Returns `true` if `path` exists, else `false`.\n
 * @example\n * var object = _.create({ 'a': _.create({ 'b': 2 }) });\n * _hasIn(object, 'a');\n * // => true\n * _hasIn(object, 'a.b');\n * // => true\n * _hasIn(object, ['a', 'b']);\n * // => true\n * _hasIn(object, 'b');\n * // => false\n */\nfunction hasIn(object, path) {\n  return object != null && hasPath(object, path, baseHasIn);\n}\n\nmodule.exports = hasIn;","var baseGetAllKeys = require('./_baseGetAllKeys'),\n  getSymbolsIn = require('./_getSymbolsIn'),\n  keysIn = require('./keysIn');\n/**\n * Creates an array of own and inherited enumerable property names and\n * symbols of `object`.\n * @private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array of property names and symbols.\n */\nfunction getAllKeysIn(object) {\n  return baseGetAllKeys(object, keysIn, getSymbolsIn);\n}\n\nmodule.exports = getAllKeysIn;","var castPath = require('./_castPath'),\n  last = require('./last'),\n  parent = require('./_parent'),\n  toKey = require('./_toKey');\n/**\n * The base implementation of `_.unset`.\n * @private\n * @param {Object} object The object to modify.\n * @param {Array|string} path The property path to unset.\n * @returns {boolean} Returns `true` if the property is deleted, else `false`.\n */\nfunction baseUnset(object, path) {\n  path = castPath(path, object);\n  object = parent(object, path);\n  return object == null || delete object[toKey(last(path))];\n}\n\nmodule.exports = baseUnset;","var baseIndexOf = require('./_baseIndexOf');\n/**\n * A specialized version of `_.includes` for arrays without support for\n * specifying an index to search from.\n * @private\n * @param {Array} [array] The array to inspect.\n * @param {*} target The value to search for.\n * @returns {boolean} Returns `true` if `target` is found, else `false`.\n */\nfunction arrayIncludes(array, value) {\n  var length = array == null ? 0 : array.length;\n  return !!length && baseIndexOf(array, value, 0) > -1;\n}\n\nmodule.exports = arrayIncludes;","var baseFindIndex = require('./_baseFindIndex'),\n  baseIsNaN = require('./_baseIsNaN'),\n  strictIndexOf = require('./_strictIndexOf');\n/**\n * The base implementation of `_.indexOf` without `fromIndex` bounds checks.\n * @private\n * @param {Array} array The array to inspect.\n * @param {*} value The value to search for.\n * @param {number} fromIndex The index to search from.\n * @returns {number} Returns the index of the matched value, else `-1`.\n */\nfunction baseIndexOf(array, value, fromIndex) {\n  return value === value ? strictIndexOf(array, value, fromIndex) : baseFindIndex(array, baseIsNaN, fromIndex);\n}\n\nmodule.exports = baseIndexOf;","/**\n * This function is like `arrayIncludes` except that it accepts a comparator.\n * @private\n * @param {Array} [array] The array to inspect.\n * @param {*} target The value to search for.\n * @param {Function} comparator The comparator invoked per element.\n * @returns {boolean} Returns `true` if `target` is found, else `false`.\n */\nfunction arrayIncludesWith(array, value, comparator) {\n  var index = -1,\n      length = array == null ? 0 : array.length;\n  while (++index < length) {\n    if (comparator(value, array[index])) {\n      return true;\n    }\n  }\n  return false;\n}\n\nmodule.exports = arrayIncludesWith;","var SetCache = require('./_SetCache'),\n  arrayIncludes = require('./_arrayIncludes'),\n  arrayIncludesWith = require('./_arrayIncludesWith'),\n  arrayMap = require('./_arrayMap'),\n  baseUnary = require('./_baseUnary'),\n  cacheHas = require('./_cacheHas');\n/**\n * Built-in method references for those with the same name as other `lodash` methods.\n * @private\n * @var\n */\nvar nativeMin = Math.min;\n/**\n * The base implementation of methods like `_.intersection`, without support\n * for iteratee shorthands, that accepts an array of arrays to inspect.\n * @private\n * @param {Array} arrays The arrays to inspect.\n * @param {Function} [iteratee] The iteratee invoked per element.\n * @param {Function} [comparator] The comparator invoked per element.\n * @returns {Array} Returns the new array of shared values.\n */\nfunction baseIntersection(arrays, iteratee, comparator) {\n  var includes = comparator ? arrayIncludesWith : arrayIncludes,\n      length = arrays[0].length,\n      othLength = arrays.length,\n      othIndex = othLength,\n      caches = Array(othLength),\n      maxLength = Infinity,\n      result = [];\n  while (othIndex--) {\n    var array = arrays[othIndex];\n    if (othIndex && iteratee) {\n      array = arrayMap(array, baseUnary(iteratee));\n    }\n    maxLength = nativeMin(array.length, maxLength);\n    caches[othIndex] = !comparator && (iteratee || length >= 120 && array.length >= 120) ? new SetCache(othIndex && array) : undefined;\n  }\n  array = arrays[0];\n  var index = -1,\n      seen = caches[0];\n  outer: while (++index < length && result.length < maxLength) {\n    var value = array[index],\n        computed = iteratee ? iteratee(value) : value;\n    value = comparator || value !== 0 ? value : 0;\n    if (!(seen ? cacheHas(seen, computed) : includes(result, computed))) {\n      othIndex = othLength;\n      while (--othIndex) {\n        var cache

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= caches[othIndex];\n\n    if (!(cache ? cacheHas(cache, computed) : includes(arrays[othIndex], computed,
comparator))) {\n    continue outer;\n    }\n  }\n\n  if (seen) {\n    seen.push(computed);\n  }\n\n  result.push(value);\n  }\n  }\n\n  return result;\n}\n\nmodule.exports = baseIntersection;","var isArrayLikeObject =
require('./isArrayLikeObject');\n/**\n * Casts `value` to an empty array if it's not an array like object.\n *\n * @private\n * @param {*} value The value to inspect.\n * @returns {Array|Object} Returns the cast array-like
object.\n */\n\nfunction castArrayLikeObject(value) {\n  return isArrayLikeObject(value) ? value :
[];\n}\n\nmodule.exports = castArrayLikeObject;","var arrayMap = require('./_arrayMap'),\n  baseIndexOf =
require('./_baseIndexOf'),\n  baseIndexOfWith = require('./_baseIndexOfWith'),\n  baseUnary =
require('./_baseUnary'),\n  copyArray = require('./_copyArray');\n/** Used for built-in method references.
*\n *\n * Built-in value references. *\n *\n * splice = arrayProto.splice;\n */\n\n * The base implementation of `_.pullAllBy` without support for iteratee\n * shorthands.\n *\n * @private\n *
@param {Array} array The array to modify.\n * @param {Array} values The values to remove.\n * @param
{Function} [iteratee] The iteratee invoked per element.\n * @param {Function} [comparator] The comparator
invoked per element.\n * @returns {Array} Returns `array`.\n */\n\nfunction basePullAll(array, values, iteratee,
comparator) {\n  var indexOf = comparator ? baseIndexOfWith : baseIndexOf,\n    index = -1,\n    length =
values.length,\n    seen = array;\n\n  if (array === values) {\n    values = copyArray(values);\n  }\n\n  if (iteratee)
{\n    seen = arrayMap(array, baseUnary(iteratee));\n  }\n\n  while (++index < length) {\n    var fromIndex = 0,\n    value = values[index],\n    computed = iteratee ? iteratee(value) : value;\n\n    while ((fromIndex = indexOf(seen,
computed, fromIndex, comparator)) > -1) {\n      if (seen !== array) {\n        splice.call(seen, fromIndex, 1);\n
      }\n\n      splice.call(array, fromIndex, 1);\n    }\n  }\n\n  return array;\n}\n\nmodule.exports = basePullAll;","var
isSymbol = require('./isSymbol');\n/** Used as references for the maximum length and index of an array. *\n *\n *
MAX_ARRAY_LENGTH = 4294967295,\n * MAX_ARRAY_INDEX = MAX_ARRAY_LENGTH - 1;\n */\n\n Built-
in method references for those with the same name as other `lodash` methods. *\n *\n * nativeFloor = Math.floor,\n *
nativeMin = Math.min;\n */\n\n * The base implementation of `_.sortedIndexBy` and `_.sortedLastIndexBy`\n *
which invokes `iteratee` for `value` and each element of `array` to compute\n * their sort ranking. The iteratee is
invoked with one argument; (value).\n *\n * @private\n * @param {Array} array The sorted array to inspect.\n *
@param {*} value The value to evaluate.\n * @param {Function} iteratee The iteratee invoked per element.\n *
@param {boolean} [retHighest] Specify returning the highest qualified index.\n * @returns {number} Returns the
index at which `value` should be inserted\n * into `array`.\n */\n\nfunction baseSortedIndexBy(array, value,
iteratee, retHighest) {\n  value = iteratee(value);\n  var low = 0,\n    high = array == null ? 0 : array.length,\n
    valIsNaN = value !== value,\n    valIsNull = value === null,\n    valIsSymbol = isSymbol(value),\n
    valIsUndefined = value === undefined;\n\n  while (low < high) {\n    var mid = nativeFloor((low + high) / 2),\n
    computed = iteratee(array[mid]),\n    othIsDefined = computed !== undefined,\n    othIsNull = computed ===
null,\n    othIsReflexive = computed === computed,\n    othIsSymbol = isSymbol(computed);\n\n    if
(valIsNaN) {\n      var setLow = retHighest || othIsReflexive;\n    } else if (valIsUndefined) {\n      setLow =
othIsReflexive && (retHighest || othIsDefined);\n    } else if (valIsNull) {\n      setLow = othIsReflexive &&
othIsDefined && (retHighest || !othIsNull);\n    } else if (valIsSymbol) {\n      setLow = othIsReflexive &&
othIsDefined && !othIsNull && (retHighest || !othIsSymbol);\n    } else if (othIsNull || othIsSymbol) {\n
setLow = false;\n    } else {\n      setLow = retHighest ? computed <= value : computed < value;\n    }\n\n    if (setLow) {\n
low = mid + 1;\n    } else {\n      high = mid;\n    }\n  }\n\n  return nativeMin(high,
MAX_ARRAY_INDEX);\n}\n\nmodule.exports = baseSortedIndexBy;","var arrayFilter = require('./_arrayFilter'),\n
arrayMap = require('./_arrayMap'),\n  baseProperty = require('./_baseProperty'),\n  baseTimes =
require('./_baseTimes'),\n  isArrayLikeObject = require('./isArrayLikeObject');\n/** Built-in method references for
those with the same name as other `lodash` methods. *\n *\n * nativeMax = Math.max;\n */\n\n * This method is
like `_.zip` except that it accepts an array of grouped\n * elements and creates an array regrouping the elements to
their pre-zip\n * configuration.\n *\n * @static\n * @memberOf _\n * @since 1.2.0\n * @category Array\n *
@param {Array} array The array of grouped elements to process.\n * @returns {Array} Returns the new array of
regrouped elements.\n * @example\n *\n * var zipped = _.zip(['a', 'b'], [1, 2], [true, false]);\n * // => [['a', 1, true],

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['b', 2, false]]\n *\n * _unzip(zipped);\n * // => [['a', 'b'], [1, 2], [true, false]]\n *\n\nfunction unzip(array) {\n  if\n  (!(array && array.length)) {\n    return [];\n  }\n\n  var length = 0;\n  array = arrayFilter(array, function (group) {\n    if (isArrayLikeObject(group)) {\n      length = nativeMax(group.length, length);\n      return true;\n    }\n  });\n\n  return baseTimes(length, function (index) {\n    return arrayMap(array, baseProperty(index));\n  });\n}\n\nmodule.exports = unzip;","var baseDifference = require('./_baseDifference'),\n  baseFlatten =\n  require('./_baseFlatten'),\n  baseUniq = require('./_baseUniq');\n\n/**\n * The base implementation of methods like\n * `_.xor`, without support for\n * iteratee shorthands, that accepts an array of arrays to inspect.\n *\n * @private\n *\n * @param {Array} arrays The arrays to inspect.\n * @param {Function} [iteratee] The iteratee invoked per element.\n * @param {Function} [comparator] The comparator invoked per element.\n * @returns {Array} Returns the new\n * array of values.\n *\n\nfunction baseXor(arrays, iteratee, comparator) {\n  var length = arrays.length;\n\n  if\n  (length < 2) {\n    return length ? baseUniq(arrays[0]) : [];\n  }\n\n  var index = -1,\n      result = Array(length);\n\n  while (++index < length) {\n    var array = arrays[index],\n        othIndex = -1;\n\n    while (++othIndex < length) {\n      if (othIndex !== index) {\n        result[index] = baseDifference(result[index] || array, arrays[othIndex], iteratee,\n        comparator);\n      }\n    }\n  }\n\n  return baseUniq(baseFlatten(result, 1), iteratee,\n  comparator);\n}\n\nmodule.exports = baseXor;","use strict";\n\nif (process.env.NODE_ENV === 'production') {\n  module.exports = require('./cjs/react-is.production.min.js');\n} else {\n  module.exports = require('./cjs/react-\n  is.development.js');\n}","/* global window */\nimport ponyfill from './ponyfill.js';\nvar root;\n\nif (typeof self !==\n  'undefined') {\n  root = self;\n} else if (typeof window !== 'undefined') {\n  root = window;\n} else if (typeof global\n  !== 'undefined') {\n  root = global;\n} else if (typeof module !== 'undefined') {\n  root = module;\n} else {\n  root =\n  Function('return this')();\n}\n\nvar result = ponyfill(root);\nexport default result;","import freeGlobal from\n  './_freeGlobal.js';\n\n/** Detect free variable `exports` */\nvar freeExports = typeof exports === 'object' && exports\n  && !exports.nodeType && exports;\n\n/** Detect free variable `module` */\nvar freeModule = freeExports &&\n  typeof module === 'object' && module && !module.nodeType && module;\n\n/** Detect the popular CommonJS\n  extension `module.exports` */\nvar moduleExports = freeModule && freeModule.exports === freeExports;\n\n/**\n  Detect free variable `process` from Node.js */\nvar freeProcess = moduleExports && freeGlobal.process;\n\n/**\n  Used to access faster Node.js helpers */\nvar nodeUtil = function () {\n  try {\n    // Use `util.types` for Node.js\n    10+.\n    var types = freeModule && freeModule.require && freeModule.require('util').types;\n\n    if (types) {\n      return types;\n    }\n    // Legacy `process.binding('util')` for Node.js < 10.\n\n    return freeProcess &&\n    freeProcess.binding && freeProcess.binding('util');\n  } catch (e) {};\n}\n\nexport default nodeUtil;","use\n  strict";\n\n/**\n * Copyright 2015, Yahoo! Inc.\n * Copyrights licensed under the New BSD License. See the\n  accompanying LICENSE file for terms.\n *\n\nvar REACT_STATICS = {\n  childContextTypes: true,\n  contextTypes: true,\n  defaultProps: true,\n  displayName: true,\n  getDefaultProps: true,\n  getDerivedStateFromProps: true,\n  mixins: true,\n  propTypes: true,\n  type: true\n};\nvar KNOWN_STATICS =\n  {\n    name: true,\n    length: true,\n    prototype: true,\n    caller: true,\n    callee: true,\n    arguments: true,\n    arity:\n    true\n};\nvar defineProperty = Object.defineProperty;\nvar getOwnPropertyNames =\n  Object.getOwnPropertyNames;\nvar getOwnPropertySymbols = Object.getOwnPropertySymbols;\nvar\n  getOwnPropertyDescriptor = Object.getOwnPropertyDescriptor;\nvar\n  getPrototypeOf = Object.getPrototypeOf;\nvar\n  objectPrototype = getPrototypeOf && getPrototypeOf(Object);\n\nfunction\n  hoistNonReactStatics(targetComponent, sourceComponent, blacklist) {\n  if (typeof sourceComponent !== 'string')\n  {\n    // don't hoist over string (html) components\n    if (objectPrototype) {\n      var inheritedComponent =\n      getPrototypeOf(sourceComponent);\n\n      if (inheritedComponent && inheritedComponent !== objectPrototype)\n      {\n        hoistNonReactStatics(targetComponent, inheritedComponent, blacklist);\n      }\n    }\n\n    var keys =\n    getOwnPropertyNames(sourceComponent);\n\n    if (getOwnPropertySymbols) {\n      keys =\n      keys.concat(getOwnPropertySymbols(sourceComponent));\n    }\n\n    for (var i = 0; i < keys.length; ++i) {\n      var\n      key = keys[i];\n\n      if (!REACT_STATICS[key] && !KNOWN_STATICS[key] && (!blacklist || !blacklist[key]))\n      {\n        var descriptor =\n        getOwnPropertyDescriptor(sourceComponent, key);\n\n        try {\n          // Avoid failures\n          from read-only properties\n          defineProperty(targetComponent, key, descriptor);\n        } catch (e) {};\n      }\n    }\n\n    return targetComponent;\n  }\n\n  return targetComponent;\n}\n\nmodule.exports =

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hoistNonReactStatics;"/*\nobject-assign\n(c) Sindre Sorhus\n@license MIT\n*\n'use strict';\n/* eslint-disable no-
unused-vars *\n\nvar getOwnPropertySymbols = Object.getPrototypeOfSymbols;\nvar hasOwnProperty =
Object.prototype.hasOwnProperty;\nvar propIsEnumerable = Object.prototype.propertyIsEnumerable;\n\nfunction
toObject(val) {\n  if (val === null || val === undefined) {\n    throw new TypeError('Object.assign cannot be called
with null or undefined');\n  }\n  return Object(val);\n}\n\nfunction shouldUseNative() {\n  try {\n    if
(!Object.assign) {\n      return false;\n    } // Detect buggy property enumeration order in older V8 versions.\n    //
https://bugs.chromium.org/p/v8/issues/detail?id=4118\n\n    var test1 = new String('abc'); // eslint-disable-line no-
new-wrappers\n\n    test1[5] = 'de';\n\n    if (Object.getPrototypeOfNames(test1)[0] === '5') {\n      return false;\n    }
// https://bugs.chromium.org/p/v8/issues/detail?id=3056\n\n    var test2 = {};\n\n    for (var i = 0; i < 10; i++) {\n     
test2['_' + String.fromCharCode(i)] = i;\n    }\n\n    var order2 =
Object.getPrototypeOfNames(test2).map(function (n) {\n      return test2[n];\n    });\n\n    if (order2.join("") !==
'0123456789') {\n      return false;\n    } // https://bugs.chromium.org/p/v8/issues/detail?id=3056\n\n    var test3 =
{};\n    'abcdefghijklmnopqrst'.split("").forEach(function (letter) {\n      test3[letter] = letter;\n    });\n\n    if
(Object.keys(Object.assign({}, test3)).join("") !== 'abcdefghijklmnopqrst') {\n      return false;\n    }\n\n    return
true;\n  } catch (err) {\n    // We don't expect any of the above to throw, but better to be safe.\n    return false;\n  }
}\n\nmodule.exports = shouldUseNative() ? Object.assign : function (target, source) {\n  var from;\n  var to =
toObject(target);\n  var symbols;\n\n  for (var s = 1; s < arguments.length; s++) {\n    from =
Object(arguments[s]);\n\n    for (var key in from) {\n      if (hasOwnProperty.call(from, key)) {\n        to[key] =
from[key];\n      }\n    }\n\n    if (getOwnPropertySymbols) {\n      symbols = getOwnPropertySymbols(from);\n\n      for
(var i = 0; i < symbols.length; i++) {\n        if (propIsEnumerable.call(from, symbols[i])) {\n          to[symbols[i]]
= from[symbols[i];\n        }\n      }\n    }\n\n    return to;\n  };\n};\n\n'use strict';\n\nObject.defineProperty(exports,
'__esModule', {\n  value: true\n});\n\nexports.default = undefined;\n\nvar _AppBar = require('./AppBar');\n\nvar
_AppBar2 = _interopRequireDefault(_AppBar);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };}\n\nexports.default = _AppBar2.default;\n\nmodule.exports =
!require('./_descriptors') && !require('./_fails')(function () {\n  return Object.defineProperty(require('./_dom-
create')('div'), 'a', {\n    get: function get() {\n      return 7;\n    }\n  }).a !== 7;\n});\n\nvar isObject = require('./_is-
object');\n\nvar document = require('./_global').document; // typeof document.createElement is 'object' in old
IE\n\nvar is = isObject(document) && isObject(document.createElement);\n\nmodule.exports = function (it) {\n
return is ? document.createElement(it) : {};\n};\n\nvar has = require('./_has');\n\nvar toObject = require('./_to-
object');\n\nvar arrayIndexOf = require('./_array-includes')(false);\n\nvar IE_PROTO = require('./_shared-
key')('IE_PROTO');\n\nmodule.exports = function (object, names) {\n  var O = toObject(object);\n  var i = 0;\n  var
result = [];\n  var key;\n\n  for (key in O) {\n    if (key !== IE_PROTO) has(O, key) && result.push(key);\n  } // Don't
enum bug & hidden keys\n\n  while (names.length > i) {\n    if (has(O, key = names[i++])) {\n      ~arrayIndexOf(result, key) ||
result.push(key);\n    }\n  }\n\n  return result;\n};\n\n// fallback for non-array-like ES3
and non-enumerable old V8 strings\n\nvar cof = require('./_cof'); // eslint-disable-next-line no-prototype-
builtins\n\nmodule.exports = Object('z').propertyIsEnumerable(0) ? Object : function (it) {\n  return cof(it) ===
'String' ? it.split("") : Object(it);\n};\n\n// 7.1.15 ToLength\n\nvar toInteger = require('./_to-integer');\n\nvar min =
Math.min;\n\nmodule.exports = function (it) {\n  return it > 0 ? min(toInteger(it), 0x1fffffffffffff) : 0; // pow(2, 53) -
1 === 9007199254740991\n};\n\nmodule.exports = {\n  \"default\": require(\"core-js/library/fn/object/keys\"),\n  __esModule:
true\n};\n\n// most Object methods by ES6 should accept primitives\n\nvar $export =
require('./_export');\n\nvar core = require('./_core');\n\nvar fails = require('./_fails');\n\nmodule.exports = function
(KEY, exec) {\n  var fn = (core.Object || {})[KEY] || Object[KEY];\n  var exp = {};\n  exp[KEY] = exec(fn);\n  $export($export.S
+ $export.F * fails(function () {\n    fn(1);\n  }), 'Object', exp);\n};\n\n// 19.1.2.9 / 15.2.3.2
Object.getPrototypeOf(O)\n\nvar has = require('./_has');\n\nvar toObject = require('./_to-object');\n\nvar IE_PROTO =
require('./_shared-key')('IE_PROTO');\n\nvar ObjectProto = Object.prototype;\n\nmodule.exports =
Object.getPrototypeOf || function (O) {\n  O = toObject(O);\n  if (has(O, IE_PROTO)) return O[IE_PROTO];\n\n  if
(typeof O.constructor === 'function' && O instanceof O.constructor) {\n    return O.constructor.prototype;\n  }\n\n  return
O instanceof Object ? ObjectProto : null;\n};\n\nmodule.exports = {\n  \"default\": require(\"core-

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js/library/fn/object/define-property"),\n __esModule: true\n};","use strict";\n\nvar LIBRARY =
require('./_library');\n\nvar $export = require('./_export');\n\nvar redefine = require('./_redefine');\n\nvar hide =
require('./_hide');\n\nvar Iterators = require('./_iterators');\n\nvar $iterCreate = require('./_iter-create');\n\nvar
setToStringTag = require('./_set-to-string-tag');\n\nvar getPrototypeOf = require('./_object-gpo');\n\nvar ITERATOR
= require('./_wks')('iterator');\n\nvar BUGGY = !([].keys && 'next' in [].keys()); // Safari has buggy iterators w/o
`next`\n\nvar FF_ITERATOR = '@@iterator';\n\nvar KEYS = 'keys';\n\nvar VALUES = 'values';\n\nvar returnThis =
function returnThis() {\n  return this;\n};\n\nmodule.exports = function (Base, NAME, Constructor, next,
DEFAULT, IS_SET, FORCED) {\n  $iterCreate(Constructor, NAME, next);\n\n  var getMethod = function
getMethod(kind) {\n    if (!BUGGY && kind in proto) return proto[kind];\n\n    switch (kind) {\n      case KEYS:\n        return function keys() {\n          return new Constructor(this, kind);\n        };
\n      case VALUES:\n        return
function values() {\n          return new Constructor(this, kind);\n        };
\n    }\n\n    return function entries() {\n      return new Constructor(this, kind);\n    };
\n  }\n\n  var TAG = NAME + ' Iterator';\n  var DEF_VALUES =
DEFAULT == VALUES;\n  var VALUES_BUG = false;\n  var proto = Base.prototype;\n  var $native =
proto[ITERATOR] || proto[FF_ITERATOR] || DEFAULT && proto[DEFAULT];\n  var $default = $native ||
getMethod(DEFAULT);\n  var $entries = DEFAULT ? !DEF_VALUES ? $default : getMethod('entries') :
undefined;\n  var $anyNative = NAME == 'Array' ? proto.entries || $native : $native;\n  var methods, key,
IteratorPrototype; // Fix native\n\n  if ($anyNative) {\n    IteratorPrototype = getPrototypeOf($anyNative.call(new
Base()));\n\n    if (IteratorPrototype !== Object.prototype && IteratorPrototype.next) {\n      // Set @@toStringTag
to native iterators\n      setToStringTag(IteratorPrototype, TAG, true); // fix for some old engines\n\n      if
(!LIBRARY && typeof IteratorPrototype[ITERATOR] != 'function') hide(IteratorPrototype, ITERATOR,
returnThis);\n    }\n  } // fix Array#{values, @@iterator}.name in V8 / FF\n\n  if (DEF_VALUES && $native &&
$native.name !== VALUES) {\n    VALUES_BUG = true;\n\n    $default = function values() {\n      return
$native.call(this);\n    };
\n  } // Define iterator\n\n  if ((!LIBRARY || FORCED) && (BUGGY || VALUES_BUG ||
!proto[ITERATOR])) {\n    hide(proto, ITERATOR, $default);\n  } // Plug for library\n\n  Iterators[NAME] =
$default;\n  Iterators[TAG] = returnThis;\n\n  if (DEFAULT) {\n    methods = {\n      values: DEF_VALUES ?
$default : getMethod(VALUES),\n      keys: IS_SET ? $default : getMethod(KEYS),\n      entries: $entries\n    };\n    if (FORCED) for (key in methods) {\n      if (!(key in proto)) redefine(proto, key, methods[key]);\n    } else
$export($export.P + $export.F * (BUGGY || VALUES_BUG), NAME, methods);\n  }\n\n  return
methods;\n};","module.exports = require('./_hide');","// 19.1.2.7 / 15.2.3.4 Object.getOwnPropertyNames(O)\n\nvar
$keys = require('./_object-keys-internal');\n\nvar hiddenKeys = require('./_enum-bug-keys').concat('length',
'prototype');\n\nexports.f = Object.getOwnPropertyNames || function getOwnPropertyNames(O) {\n  return $keys(O,
hiddenKeys);\n};","var pIE = require('./_object-pie');\n\nvar createDesc = require('./_property-desc');\n\nvar
toIObject = require('./_to-iobject');\n\nvar toPrimitive = require('./_to-primitive');\n\nvar has =
require('./_has');\n\nvar IE8_DOM_DEFINE = require('./_ie8-dom-define');\n\nvar gOPD =
Object.getOwnPropertyDescriptor;\n\nexports.f = require('./_descriptors') ? gOPD : function
getOwnPropertyDescriptor(O, P) {\n  O = toIObject(O);\n  P = toPrimitive(P, true);\n  if (IE8_DOM_DEFINE) try
{\n    return gOPD(O, P);\n  } catch (e) {\n    /* empty */\n  }\n  if (has(O, P)) return createDesc(!pIE.f.call(O, P),
O[P]);\n};","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar
_toConsumableArray2 = require('babel-runtime/helpers/toConsumableArray');\n\nvar _toConsumableArray3 =
_interopRequireDefault(_toConsumableArray2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _toArray2 =
require('babel-runtime/helpers/toArray');\n\nvar _toArray3 = _interopRequireDefault(_toArray2);\n\nvar

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_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactDom = require('react-dom');\n\nvar _reactDom2 = _interopRequireDefault(_reactDom);\n\nvar _TransitionGroup = require('react-transition-group/TransitionGroup');\n\nvar _TransitionGroup2 = _interopRequireDefault(_TransitionGroup);\n\nvar _dom = require('./utils/dom');\n\nvar _dom2 = _interopRequireDefault(_dom);\n\nvar _CircleRipple = require('./CircleRipple');\n\nvar _CircleRipple2 = _interopRequireDefault(_CircleRipple);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n} // Remove the first element of the array\n\nvar shift = function shift(_ref) {\n  var _ref2 = (0, _toArray3.default)(_ref),\n      newArray = _ref2.slice(1);\n  return newArray;\n};\n\nvar TouchRipple = function (_Component) {\n  (0, _inherits3.default)(TouchRipple, _Component);\n\n  function TouchRipple(props, context) {\n    (0, _classCallCheck3.default)(this, TouchRipple); // Touch start produces a mouse down event for compat reasons. To avoid\n    // showing ripples twice we skip showing a ripple for the first mouse down\n    // after a touch start. Note we don't store ignoreNextMouseDown in this.state\n    // to avoid re-rendering when we change it.\n    var _this = (0, _possibleConstructorReturn3.default)(this, (TouchRipple.__proto__ || (0, _getPrototypeOf2.default)(TouchRipple)).call(this, props, context));\n\n    _this.handleMouseDown = function (event) {\n      // only listen to left clicks\n      if (event.button === 0) {\n        _this.start(event, false);\n      }\n    };\n\n    _this.handleMouseUp = function () {\n      _this.end();\n    };\n\n    _this.handleMouseLeave = function () {\n      _this.end();\n    };\n\n    _this.handleTouchStart = function (event) {\n      event.stopPropagation(); // If the user is swiping (not just tapping), save the position so we can\n      // abort ripples if the user appears to be scrolling.\n      if (_this.props.abortOnScroll && event.touches) {\n        _this.startListeningForScrollAbort(event);\n        _this.startTime = Date.now();\n      }\n\n      _this.start(event, true);\n    };\n\n    _this.handleTouchEnd = function () {\n      _this.end();\n    };\n\n    _this.handleTouchMove = function (event) {\n      // Stop trying to abort if we're already 300ms into the animation\n      var timeSinceStart = Math.abs(Date.now() - _this.startTime);\n      if (timeSinceStart > 300) {\n        _this.stopListeningForScrollAbort();\n        return;\n      } // If the user is scrolling...\n      var deltaY = Math.abs(event.touches[0].clientY - _this.firstTouchY);\n      var deltaX = Math.abs(event.touches[0].clientX - _this.firstTouchX); // Call it a scroll after an arbitrary 6px (feels reasonable in testing)\n      if (deltaY > 6 || deltaX > 6) {\n        var currentRipples = _this.state.ripples;\n        var ripple = currentRipples[0]; // This clone will replace the ripple in ReactTransitionGroup with a\n        // version that will disappear immediately when removed from the DOM\n        var abortedRipple = _react2.default.cloneElement(ripple, {\n          aborted: true\n        }); // Remove the old ripple and replace it with the new updated one\n        currentRipples = shift(currentRipples);\n        currentRipples = [].concat((0, _toConsumableArray3.default)(currentRipples), [abortedRipple]);\n        _this.setState({\n          ripples: currentRipples\n        }, function () {\n          // Call end after we've set the ripple to abort otherwise the setState\n          // in end() merges with this and the ripple abort fails\n          _this.end();\n        });\n      }\n\n      _this.ignoreNextMouseDown = false;\n      _this.state = {\n        // This prop allows us to only render the ReactTransitionGroup\n        // on the first click of the component, making the initial render faster.\n        hasRipples: false,\n        nextKey: 0,\n        ripples: []\n      };\n      return _this;\n    };\n\n    (0, _createClass3.default)(TouchRipple, [{\n      key: 'start',\n      value: function start(event, isRippleTouchGenerated) {\n        var theme = this.context.muiTheme.ripple;\n        if (this.ignoreNextMouseDown && !isRippleTouchGenerated) {\n          this.ignoreNextMouseDown = false;\n          return;\n        }\n        var ripples = this.state.ripples; // Add a ripple to the ripples array\n        ripples = [].concat((0, _toConsumableArray3.default)(ripples), [_react2.default.createElement(_CircleRipple2.default, {\n          key: this.state.nextKey,\n          style: !this.props.centerRipple ? this.getRippleStyle(event) : {},\n          color: this.props.color || theme.color,\n          opacity: this.props.opacity,\n          touchGenerated: isRippleTouchGenerated\n        })]);\n        this.ignoreNextMouseDown = isRippleTouchGenerated;\n        this.setState({\n          hasRipples: true,\n          nextKey: this.state.nextKey + 1,\n          ripples: ripples\n        });\n      },\n      {\n        key: 'end',\n        value: function end() {\n          var currentRipples = this.state.ripples;\n          this.setState({\n            ripples: shift(currentRipples)\n          });\n          if

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(this.props.abortOnScroll) {\n      this.stopListeningForScrollAbort();\n    }\n  } // Check if the user seems to be
scrolling and abort the animation if so\n\n }, {\n  key: 'startListeningForScrollAbort',\n  value: function
startListeningForScrollAbort(event) {\n    this.firstTouchY = event.touches[0].clientY;\n    this.firstTouchX =
event.touches[0].clientX; // Note that when scrolling Chrome throttles this event to every 200ms\n    // Also note we
don't listen for scroll events directly as there's no general\n    // way to cover cases like scrolling within containers
on the page\n\n    document.body.addEventListener('touchmove', this.handleTouchMove);\n  }\n }, {\n  key:
'stopListeningForScrollAbort',\n  value: function stopListeningForScrollAbort() {\n
document.body.removeEventListener('touchmove', this.handleTouchMove);\n  }\n }, {\n  key: 'getRippleStyle',\n
value: function getRippleStyle(event) {\n    var el = _reactDom2.default.findDOMNode(this);\n\n    var elHeight
= el.offsetHeight;\n    var elWidth = el.offsetWidth;\n\n    var offset = _dom2.default.offset(el);\n\n    var
isTouchEvent = event.touches && event.touches.length;\n    var pageX = isTouchEvent ? event.touches[0].pageX :
event.pageX;\n    var pageY = isTouchEvent ? event.touches[0].pageY : event.pageY;\n    var pointerX = pageX -
offset.left;\n    var pointerY = pageY - offset.top;\n    var topLeftDiag = this.calcDiag(pointerX, pointerY);\n
var topRightDiag = this.calcDiag(elWidth - pointerX, pointerY);\n    var botRightDiag = this.calcDiag(elWidth -
pointerX, elHeight - pointerY);\n    var botLeftDiag = this.calcDiag(pointerX, elHeight - pointerY);\n    var
rippleRadius = Math.max(topLeftDiag, topRightDiag, botRightDiag, botLeftDiag);\n    var rippleSize =
rippleRadius * 2;\n    var left = pointerX - rippleRadius;\n    var top = pointerY - rippleRadius;\n    return {\n
directionInvariant: true,\n    height: rippleSize,\n    width: rippleSize,\n    top: top,\n    left: left\n  };\n
}\n }, {\n  key: 'calcDiag',\n  value: function calcDiag(a, b) {\n    return Math.sqrt(a * a + b * b);\n  }\n }, {\n
key: 'render',\n  value: function render() {\n    var _props = this.props,\n        children = _props.children,\n
style = _props.style;\n    var _state = this.state,\n        hasRipples = _state.hasRipples,\n        ripples =
_state.ripples;\n    var prepareStyles = this.context.muiTheme.prepareStyles;\n    var rippleGroup = void 0;\n\n    if (hasRipples) {\n      var mergedStyles = (0, _simpleAssign2.default)({\n        height: '100%',\n        width:
'100%',\n        position: 'absolute',\n        top: 0,\n        left: 0,\n        overflow: 'hidden',\n        pointerEvents:
'none',\n        zIndex: 1 // This is also needed so that ripples do not bleed past a parent border radius.\n\n      },
style);\n      rippleGroup = _react2.default.createElement(_TransitionGroup2.default, {\n        style:
prepareStyles(mergedStyles)\n      }, ripples);\n    }\n\n    return _react2.default.createElement('div', {\n
onMouseUp: this.handleMouseUp,\n    onMouseDown: this.handleMouseDown,\n    onMouseLeave:
this.handleMouseLeave,\n    onTouchStart: this.handleTouchStart,\n    onTouchEnd: this.handleTouchEnd\n
  }, rippleGroup, children);\n  }\n });\n return TouchRipple;\n})(_react.Component);\n\nTouchRipple.defaultProps
= {\n  abortOnScroll: true\n};\n\nTouchRipple.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nTouchRipple.propTypes = process.env.NODE_ENV !== \"production\"
? {\n  abortOnScroll: _propTypes2.default.bool,\n  centerRipple: _propTypes2.default.bool,\n  children:
_propTypes2.default.node,\n  color: _propTypes2.default.string,\n  opacity: _propTypes2.default.number,\n  style:
_propTypes2.default.object\n} : {};\n\nexports.default = TouchRipple;","module.exports = {\n  \"default\":
require(\"core-js/library/fn/array/from\"),\n  __esModule: true\n};","var classof = require('./_classof');\n\nvar
ITERATOR = require('./_wks')('iterator');\n\nvar Iterators = require('./_iterators');\n\nmodule.exports =
require('./_core').getIteratorMethod = function (it) {\n  if (it != undefined) return it[ITERATOR] || it['@@iterator'] ||
Iterators[classof(it)];\n};","// getting tag from 19.1.3.6 Object.prototype.toString()\n\nvar cof = require('./_cof');\n\nvar
TAG = require('./_wks')('toStringTag'); // ES3 wrong here\n\nvar ARG = cof(function () {\n  return
arguments;\n})();\n\n=== 'Arguments'; // fallback for IE11 Script Access Denied error\n\nvar tryGet = function tryGet(it,
key) {\n  try {\n    return it[key];\n  } catch (e) {\n    /* empty */\n  }\n};\n\nmodule.exports = function (it) {\n  var
O, T, B;\n  return it === undefined ? 'Undefined' : it === null ? 'Null' // @@toStringTag case\n  : typeof (T =
tryGet(O = Object(it), TAG)) === 'string' ? T // builtinTag case\n  : ARG ? cof(O) // ES3 arguments fallback\n  : (B =
cof(O)) === 'Object' && typeof O.caller === 'function' ? 'Arguments' : B;\n};","use strict";\n\nexports.__esModule
= true;\n\nvar _from = require(\"../core-js/array/from\");\n\nvar _from2 =
_interopRequireDefault(_from);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj :
{\n    default: obj\n  };\n}\n\nexports.default = function (arr) {\n  return Array.isArray(arr) ? arr : (0,

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_from2.default)(arr);\n};","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\nexports.default = {\n isDescendant: function isDescendant(parent, child) {\n var node =
child.parentNode;\n while (node !== null) {\n if (node === parent) return true;\n node =
node.parentNode;\n }\n return false;\n },\n offset: function offset(el) {\n var rect =
el.getBoundingClientRect();\n return {\n top: rect.top + document.body.scrollTop,\n left: rect.left +
document.body.scrollLeft\n };}\n};","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\nvar _extends3 =
_interopRequireDefault(_extends2);\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\nvar _createClass3 = _interopRequireDefault(_createClass2);\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\nvar _inherits3 = _interopRequireDefault(_inherits2);\nvar
_simpleAssign = require('simple-assign');\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\nvar
_react = require('react');\nvar _react2 = _interopRequireDefault(_react);\nvar _propTypes = require('prop-
types');\nvar _propTypes2 = _interopRequireDefault(_propTypes);\nvar _transitions =
require('./styles/transitions');\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nfunction
_interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };}\n\nfunction
getStyles(props, context, state) {\n var verticalPosition = props.verticalPosition;\n var horizontalPosition =
props.horizontalPosition;\n var touchMarginOffset = props.touch ? 10 : 0;\n var touchOffsetTop = props.touch ? -
20 : -10;\n var offset = verticalPosition === 'bottom' ? 14 + touchMarginOffset : -14 - touchMarginOffset;\n var
_context$muiTheme = context.muiTheme,\n baseTheme = _context$muiTheme.baseTheme,\n zIndex =
_context$muiTheme.zIndex,\n tooltip = _context$muiTheme.tooltip,\n borderRadius =
_context$muiTheme.borderRadius;\n var styles = {\n root: {\n position: 'absolute',\n fontFamily:
baseTheme.fontFamily,\n fontSize: '10px',\n lineHeight: '22px',\n padding: '0 8px',\n zIndex:
zIndex.tooltip,\n color: tooltip.color,\n overflow: 'hidden',\n top: -10000,\n borderRadius:
borderRadius,\n userSelect: 'none',\n opacity: 0,\n right: horizontalPosition === 'left' ? 12 : null,\n left:
horizontalPosition === 'center' ? (state.offsetWidth - 48) / 2 * -1 : horizontalPosition === 'right' ? 12 : null,\n
transition: _transitions2.default.easeOut('0ms', 'top', '450ms') + ', ' + _transitions2.default.easeOut('450ms',
'transform', '0ms') + ', ' + _transitions2.default.easeOut('450ms', 'opacity', '0ms')\n },\n label: {\n position:
'relative',\n whiteSpace: 'nowrap'\n },\n ripple: {\n position: 'absolute',\n left: horizontalPosition ===
'center' ? '50%' : horizontalPosition === 'left' ? '100%' : '0%',\n top: verticalPosition === 'bottom' ? 0 : '100%',\n
transform: 'translate(-50%, -50%)',\n borderRadius: '50%',\n backgroundColor: 'transparent',\n transition:
_transitions2.default.easeOut('0ms', 'width', '450ms') + ', ' + _transitions2.default.easeOut('0ms', 'height', '450ms') + ',
' + _transitions2.default.easeOut('450ms', 'backgroundColor', '0ms')\n },\n rootWhenShown: {\n top:
verticalPosition === 'top' ? touchOffsetTop : 36,\n opacity: tooltip.opacity,\n transform: 'translate(0px, ' +
offset + 'px)',\n transition: _transitions2.default.easeOut('0ms', 'top', '0ms') + ', ' +
_transitions2.default.easeOut('450ms', 'transform', '0ms') + ', ' + _transitions2.default.easeOut('450ms', 'opacity',
'0ms')\n },\n rootWhenTouched: {\n fontSize: '14px',\n lineHeight: '32px',\n padding: '0 16px'\n },\n
rippleWhenShown: {\n backgroundColor: tooltip.rippleBackgroundColor,\n transition:
_transitions2.default.easeOut('450ms', 'width', '0ms') + ', ' + _transitions2.default.easeOut('450ms', 'height', '0ms') + ',
' + _transitions2.default.easeOut('450ms', 'backgroundColor', '0ms')\n }\n };\n return styles;\n }\n\nvar Tooltip =
function (_Component) {\n (0, _inherits3.default)(Tooltip, _Component);\n\n function Tooltip()\n var _ref;\n var _temp, _this, _ret;\n\n (0, _classCallCheck3.default)(this, Tooltip);\n\n for (var _len = arguments.length,

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args = Array(_len), _key = 0; _key < _len; _key++) {\n  args[_key] = arguments[_key];\n }\n\n return _ret =
(_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = Tooltip.__proto__ || (0,
_getPrototypeOf2.default)(Tooltip)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n  offsetWidth:
null\n }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n }\n\n (0, _createClass3.default)(Tooltip,
[{\n  key: 'componentDidMount',\n  value: function componentDidMount() {\n    this.setRippleSize();\n    this.setTooltipPosition();\n  }\n }, {\n  key: 'componentWillReceiveProps',\n  value: function
componentWillReceiveProps() {\n    this.setTooltipPosition();\n  }\n }, {\n  key: 'componentDidUpdate',\n  value: function componentDidUpdate() {\n    this.setRippleSize();\n  }\n }, {\n  key: 'setRippleSize',\n  value:
function setRippleSize() {\n    var ripple = this.refs.ripple;\n    var tooltip = this.refs.tooltip;\n    var tooltipWidth
= parseInt(tooltip.offsetWidth, 10) / (this.props.horizontalPosition === 'center' ? 2 : 1);\n    var tooltipHeight =
parseInt(tooltip.offsetHeight, 10);\n    var rippleDiameter = Math.ceil(Math.sqrt(Math.pow(tooltipHeight, 2) +
Math.pow(tooltipWidth, 2)) * 2);\n    if (this.props.show) {\n      ripple.style.height = rippleDiameter + 'px';\n      ripple.style.width = rippleDiameter + 'px';\n    } else {\n      ripple.style.width = '0px';\n      ripple.style.height =
'0px';\n    }\n  }\n }, {\n  key: 'setTooltipPosition',\n  value: function setTooltipPosition() {\n
this.setState({\n  offsetWidth: this.refs.tooltip.offsetWidth\n });\n }\n }, {\n  key: 'render',\n  value:
function render() {\n    var _props = this.props,\n        horizontalPosition = _props.horizontalPosition,\n        label
= _props.label,\n        show = _props.show,\n        touch = _props.touch,\n        verticalPosition =
_props.verticalPosition,\n        other = (0, _objectWithoutProperties3.default)(_props, ['horizontalPosition', 'label',
'show', 'touch', 'verticalPosition']);\n    var prepareStyles = this.context.muiTheme.prepareStyles;\n    var styles =
getStyles(this.props, this.context, this.state);\n    return _react2.default.createElement('div', (0,
_extends3.default)({}, other, {\n      ref: 'tooltip',\n      style: prepareStyles((0, _simpleAssign2.default)(styles.root,
this.props.show && styles.rootWhenShown, this.props.touch && styles.rootWhenTouched, this.props.style))\n    })),
_react2.default.createElement('div', {\n      ref: 'ripple',\n      style: prepareStyles((0,
_simpleAssign2.default)(styles.ripple, this.props.show && styles.rippleWhenShown))\n    })),
_react2.default.createElement('span', {\n      style: prepareStyles(styles.label)\n    }, label));\n  }\n }]);\n return
Tooltip;\n})(_react.Component);\n\nTooltip.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nTooltip.propTypes = process.env.NODE_ENV !== \"production\" ? {\n
/**\n * The css class name of the root element.\n */\n className: _propTypes2.default.string,\n
horizontalPosition: _propTypes2.default.oneOf(['left', 'right', 'center']),\n label:
_propTypes2.default.node.isRequired,\n show: _propTypes2.default.bool,\n /**\n * Override the inline-styles of
the root element.\n */\n style: _propTypes2.default.object,\n touch: _propTypes2.default.bool,\n verticalPosition:
_propTypes2.default.oneOf(['top', 'bottom'])\n } : {};\n\nexports.default = Tooltip;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nexports.extendChildren =
extendChildren;\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n };\n}\n\nfunction
extendChildren(children, extendedProps, extendedChildren) {\n  return _react2.default.Children.map(children,
function (child) {\n    if (!_react2.default.isValidElement(child)) {\n      return child;\n    }\n\n    var newProps =
typeof extendedProps === 'function' ? extendedProps(child) : extendedProps;\n    var newChildren = typeof
extendedChildren === 'function' ? extendedChildren(child) : extendedChildren ? extendedChildren :
child.props.children;\n    return _react2.default.cloneElement(child, newProps, newChildren);\n  });\n}","use
strict";\n\nexports.__esModule = true;\n\nvar _setStatic = require('./setStatic');\n\nvar _setStatic2 =
_interopRequireDefault(_setStatic);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n };\n}\n\nvar setDisplayName = function setDisplayName(displayName) {\n  return (0,
_setStatic2.default)('displayName', displayName);\n};\n\nexports.default = setDisplayName;","use
strict";\n\nexports.__esModule = true;\n\nvar _getDisplayName = require('./getDisplayName');\n\nvar
_getDisplayName2 = _interopRequireDefault(_getDisplayName);\n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : {\n  default: obj\n };\n}\n\nvar wrapDisplayName = function
wrapDisplayName(BaseComponent, hocName) {\n  return hocName + '(' + (0,

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_getDisplayName2.default)(BaseComponent) + ');';\n};\n\nexports.default = wrapDisplayName;";function
_typeof2(obj) { if (typeof Symbol === "function" && typeof Symbol.iterator === "symbol") { _typeof2 =
function _typeof2(obj) { return typeof obj; }; } else { _typeof2 = function _typeof2(obj) { return obj && typeof
Symbol === "function" && obj.constructor === Symbol && obj !== Symbol.prototype ? "symbol" : typeof obj;
}; } return _typeof2(obj); }\n\nfunction _typeof(obj) {\n  if (typeof Symbol === "function" &&
_typeof2(Symbol.iterator) === "symbol") {\n    module.exports = _typeof = function _typeof(obj) {\n      return
_typeof2(obj);\n    }; }\n  } else {\n    module.exports = _typeof = function _typeof(obj) {\n      return obj && typeof
Symbol === "function" && obj.constructor === Symbol && obj !== Symbol.prototype ? "symbol" :
_typeof2(obj);\n    }; }\n  }\n  return _typeof(obj);\n}\n\nmodule.exports = _typeof;";"use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _react =
require('react');\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =
_interopRequireDefault(_propTypes);\n\nvar _ReactDOM = require('react-dom');\n\nvar _dom =
require('./utils/dom');\n\nvar _dom2 = _interopRequireDefault(_dom);\n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : {\n  default: obj\n }; }\n // heavily inspired by
https://github.com/Khan/react-components/blob/master/js/layered-component-mixin.jsx\n\nvar RenderToLayer =
function (_Component) {\n  (0, _inherits3.default)(RenderToLayer, _Component);\n\n  function RenderToLayer()
{\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, RenderToLayer);\n\n    for (var
_len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] =
arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref =
RenderToLayer.__proto__ || (0, _getPrototypeOf2.default)(RenderToLayer)).call.apply(_ref, [this].concat(args))),
_this), _this.onClickAway = function (event) {\n      if (event.defaultPrevented) {\n        return;\n      }\n\n      if
(!_this.props.componentClickAway) {\n        return;\n      }\n\n      if (!_this.props.open) {\n        return;\n      }\n\n
var el = _this.layer;\n\n      if (event.target !== el && event.target === window ||
document.documentElement.contains(event.target) && !_dom2.default.isDescendant(el, event.target)) {\n
_this.props.componentClickAway(event);\n      }\n    }, (_temp), (0, _possibleConstructorReturn3.default)(_this,
_ret);\n  }\n\n  (0, _createClass3.default)(RenderToLayer, [{\n    key: 'componentDidMount',\n    value: function
componentDidMount() {\n      this.renderLayer();\n    }\n  }, {\n    key: 'componentDidUpdate',\n    value: function
componentDidUpdate() {\n      this.renderLayer();\n    }\n  }, {\n    key: 'componentWillUnmount',\n    value:
function componentWillUnmount() {\n      this.unrenderLayer();\n    }\n  }, {\n    key: 'getLayer',\n    value: function
getLayer() {\n      return this.layer;\n    }\n  }, {\n    key: 'unrenderLayer',\n    value: function unrenderLayer() {\n
if (!this.layer) {\n      return;\n    }\n\n    if (this.props.useLayerForClickAway) {\n      this.layer.style.position =
'relative';\n      this.layer.removeEventListener('click', this.onClickAway);\n    } else {\n
window.removeEventListener('click', this.onClickAway);\n    }\n  }\n\n  (0,
_reactDom.unmountComponentAtNode)(this.layer);\n  document.body.removeChild(this.layer);\n  this.layer =
null;\n  }\n  }]);\n  /**\n   * By calling this method in componentDidMount() and\n   * componentDidUpdate(), you're
effectively creating a "wormhole" that\n   * funnels React's hierarchical updates through to a DOM node on an\n
   * entirely different part of the page.\n   */\n  }, {\n    key: 'renderLayer',\n    value: function renderLayer() {\n
var _this2 = this;\n\n    var _props = this.props,\n        open = _props.open,\n        render = _props.render;\n\n
if (open) {\n      if (!this.layer) {\n        this.layer = document.createElement('div');\n        document.body.appendChild(this.layer);\n      }\n      if (this.props.useLayerForClickAway) {\n

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this.layer.addEventListener('click', this.onClickAway);\n      this.layer.style.position = 'fixed';\n
this.layer.style.top = 0;\n      this.layer.style.bottom = 0;\n      this.layer.style.left = 0;\n
this.layer.style.right = 0;\n      this.layer.style.zIndex = this.context.muiTheme.zIndex.layer;\n      } else {\n
  setTimeout(function () {\n      window.addEventListener('click', _this2.onClickAway);\n      }, 0);\n
}\n  }\n\n  var layerElement = render();\n  this.layerElement = (0,\n  _reactDom.unstable__renderSubtreeIntoContainer)(this, layerElement, this.layer);\n  } else {\n
this.unrenderLayer();\n  }\n  }\n }, {\n key: 'render',\n value: function render() {\n return null;\n }\n
});\n return RenderToLayer;\n}(_react.Component);\n\nRenderToLayer.defaultProps = {\n
useLayerForClickAway: true\n};\nRenderToLayer.contextTypes = {\n muiTheme:\n  _propTypes2.default.object.isRequired\n};\nRenderToLayer.propTypes = process.env.NODE_ENV !==\n
'production' ? {\n componentClickAway: _propTypes2.default.func,\n open:\n  _propTypes2.default.bool.isRequired,\n render: _propTypes2.default.func.isRequired,\n useLayerForClickAway:\n  _propTypes2.default.bool\n } : {};\nexports.default = RenderToLayer;","use\n
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\nexports.default = undefined;\n\nvar\n  _Badge = require('./Badge');\n\nvar _Badge2 = _interopRequireDefault(_Badge);\n\nfunction\n  _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nexports.default\n
= _Badge2.default;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value:\n
true\n});\nexports.default = exports.BottomNavigationItem = exports.BottomNavigation = undefined;\n\nvar\n  _BottomNavigation2 = require('./BottomNavigation');\n\nvar _BottomNavigation3 =\n  _interopRequireDefault(_BottomNavigation2);\n\nvar _BottomNavigationItem2 =\n  require('./BottomNavigationItem');\n\nvar _BottomNavigationItem3 =\n  _interopRequireDefault(_BottomNavigationItem2);\n\nfunction _interopRequireDefault(obj) {\n return obj &&\n
obj.__esModule ? obj : {\n default: obj\n };\n}\n\nexports.BottomNavigation =\n  _BottomNavigation3.default;\nexports.BottomNavigationItem = _BottomNavigationItem3.default;\nexports.default\n
= _BottomNavigation3.default;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value:\n
true\n});\nexports.default = exports.CardExpandable = exports.CardActions = exports.CardText =\n
exports.CardMedia = exports.CardTitle = exports.CardHeader = exports.Card = undefined;\n\nvar _Card2 =\n  require('./Card');\n\nvar _Card3 = _interopRequireDefault(_Card2);\n\nvar _CardHeader2 =\n  require('./CardHeader');\n\nvar _CardHeader3 = _interopRequireDefault(_CardHeader2);\n\nvar _CardTitle2 =\n  require('./CardTitle');\n\nvar _CardTitle3 = _interopRequireDefault(_CardTitle2);\n\nvar _CardMedia2 =\n  require('./CardMedia');\n\nvar _CardMedia3 = _interopRequireDefault(_CardMedia2);\n\nvar _CardText2 =\n  require('./CardText');\n\nvar _CardText3 = _interopRequireDefault(_CardText2);\n\nvar _CardActions2 =\n  require('./CardActions');\n\nvar _CardActions3 = _interopRequireDefault(_CardActions2);\n\nvar\n  _CardExpandable2 = require('./CardExpandable');\n\nvar _CardExpandable3 =\n  _interopRequireDefault(_CardExpandable2);\n\nfunction _interopRequireDefault(obj) {\n return obj &&\n
obj.__esModule ? obj : {\n default: obj\n };\n}\n\nexports.Card = _Card3.default;\nexports.CardHeader =\n  _CardHeader3.default;\nexports.CardTitle = _CardTitle3.default;\nexports.CardMedia =\n  _CardMedia3.default;\nexports.CardText = _CardText3.default;\nexports.CardActions =\n  _CardActions3.default;\nexports.CardExpandable = _CardExpandable3.default;\nexports.default =\n  _Card3.default;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar\n  _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =\n  _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-\n
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar\n  _createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =\n  _interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-\n
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =\n  _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-\n
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =

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require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _keyboardArrowUp = require('./svg-
icons/hardware/keyboard-arrow-up');\n\nvar _keyboardArrowUp2 =
_interopRequireDefault(_keyboardArrowUp);\n\nvar _keyboardArrowDown = require('./svg-
icons/hardware/keyboard-arrow-down');\n\nvar _keyboardArrowDown2 =
_interopRequireDefault(_keyboardArrowDown);\n\nvar _IconButton = require('./IconButton');\n\nvar
_IconButton2 = _interopRequireDefault(_IconButton);\n\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };\n}\n\n\nfunction getStyles() {\n return {\n root: {\n top: 0,\n
bottom: 0,\n right: 4,\n margin: 'auto',\n position: 'absolute'\n }\n };\n}\n\n\nvar CardExpandable =
function (_Component) {\n (0, _inherits3.default)(CardExpandable, _Component);\n\n function CardExpandable()\n {\n (0, _classCallCheck3.default)(this, CardExpandable);\n return (0, _possibleConstructorReturn3.default)(this,
(CardExpandable.__proto__ || (0, _getPrototypeOf2.default)(CardExpandable)).apply(this, arguments));\n }\n\n (0,
_createClass3.default)(CardExpandable, [{\n key: 'render',\n value: function render() {\n var styles =
getStyles(this.props, this.context);\n return _react2.default.createElement(_IconButton2.default, {\n style: (0,
_simpleAssign2.default)(styles.root, this.props.style),\n onClick: this.props.onExpanding,\n iconStyle:
this.props.iconStyle\n }, this.props.expanded ? this.props.openIcon : this.props.closeIcon);\n }\n }]);\n return
CardExpandable;\n}(_react.Component);\n\n\nCardExpandable.contextTypes = {\n muiTheme:
_propTypes2.default.object.isRequired\n};\n\n\nCardExpandable.defaultProps = {\n closeIcon:
_react2.default.createElement(_keyboardArrowDown2.default, null),\n openIcon:
_react2.default.createElement(_keyboardArrowUp2.default, null)\n};\n\n\nCardExpandable.propTypes =
process.env.NODE_ENV !== "production" ? {\n closeIcon: _propTypes2.default.node,\n expanded:
_propTypes2.default.bool,\n iconStyle: _propTypes2.default.object,\n onExpanding:
_propTypes2.default.func.isRequired,\n openIcon: _propTypes2.default.node,\n style:
_propTypes2.default.object\n} : {};\n\n\n\nexports.default = CardExpandable;","use
strict";\n\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\n\nexports.default = undefined;\n\n\nvar
_Chip = require('./Chip');\n\nvar _Chip2 = _interopRequireDefault(_Chip);\n\n\nfunction _interopRequireDefault(obj)
{\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\n\n\nexports.default = _Chip2.default;","use
strict";\n\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\n\nexports.default = undefined;\n\n\nvar
_CircularProgress = require('./CircularProgress');\n\nvar _CircularProgress2 =
_interopRequireDefault(_CircularProgress);\n\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };\n}\n\n\n\nexports.default = _CircularProgress2.default;","use
strict";\n\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _transitions = require('./styles/transitions');\n\nvar
_transitions2 = _interopRequireDefault(_transitions);\n\nvar _AutoLockScrolling =

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require('./AutoLockScrolling');\n\nvar _AutoLockScrolling2 =
_interopRequireDefault(_AutoLockScrolling);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };\n}\n\nfunction getStyles(props, context) {\n var overlay =
context.muiTheme.overlay;\n var style = {\n root: {\n position: 'fixed',\n height: '100%',\n width:
'100%',\n top: 0,\n left: '-100%',\n opacity: 0,\n backgroundColor: overlay.backgroundColor,\n
WebkitTapHighlightColor: 'rgba(0, 0, 0, 0)',\n // Remove mobile color flashing (deprecated)\n // Two ways to
promote overlay to its own render layer\n willChange: 'opacity',\n transform: 'translateZ(0)',\n transition:
props.transitionEnabled && _transitions2.default.easeOut('0ms', 'left', '400ms') + ', ' +
_transitions2.default.easeOut('400ms', 'opacity')\n }\n };\n\n if (props.show) {\n (0,
_simpleAssign2.default)(style.root, {\n left: 0,\n opacity: 1,\n transition:
_transitions2.default.easeOut('0ms', 'left') + ', ' + _transitions2.default.easeOut('400ms', 'opacity')\n
});\n }\n\n return style;\n}\n\nvar Overlay = function (_Component) {\n (0, _inherits3.default)(Overlay, _Component);\n
function Overlay() {\n (0, _classCallCheck3.default)(this, Overlay);\n return (0,
_possibleConstructorReturn3.default)(this, (Overlay.__proto__ || (0, _getPrototypeOf2.default)(Overlay)).apply(this,
arguments));\n }\n\n (0, _createClass3.default)(Overlay, [{\n key: 'setOpacity',\n value: function
setOpacity(opacity) {\n this.refs.overlay.style.opacity = opacity;\n }\n }, {\n key: 'render',\n value: function
render() {\n var _props = this.props,\n autoLockScrolling = _props.autoLockScrolling,\n show =
_props.show,\n style = _props.style,\n transitionEnabled = _props.transitionEnabled,\n other = (0,
_objectWithoutProperties3.default)(_props, ['autoLockScrolling', 'show', 'style', 'transitionEnabled']);\n var
prepareStyles = this.context.muiTheme.prepareStyles;\n var styles = getStyles(this.props, this.context);\n
return _react2.default.createElement('div', (0, _extends3.default)({}, other, {\n ref: 'overlay',\n style:
prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n })), autoLockScrolling &&
_react2.default.createElement(_AutoLockScrolling2.default, {\n lock: show\n }));\n }\n }]);\n return
Overlay;\n}(_react.Component);\n\nOverlay.defaultProps = {\n autoLockScrolling: true,\n style: {},\n
transitionEnabled: true\n};\n\nOverlay.contextTypes = {\n muiTheme:
_propTypes2.default.object.isRequired\n};\n\nOverlay.propTypes = process.env.NODE_ENV !== \"production\" ?
{\n autoLockScrolling: _propTypes2.default.bool,\n show: _propTypes2.default.bool.isRequired,\n\n /**\n *
Override the inline-styles of the root element.\n */\n style: _propTypes2.default.object,\n transitionEnabled:
_propTypes2.default.bool\n} : {};\n\nexports.default = Overlay;","use strict";\n\nObject.defineProperty(exports,
"__esModule", {\n value: true\n});\n\nexports.default = undefined;\n\nvar _Drawer = require('./Drawer');\n\nvar
_Drawer2 = _interopRequireDefault(_Drawer);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };\n}\n\nexports.default = _Drawer2.default;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = undefined;\n\nvar
_FloatingActionButton = require('./FloatingActionButton');\n\nvar _FloatingActionButton2 =
_interopRequireDefault(_FloatingActionButton);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };\n}\n\nexports.default = _FloatingActionButton2.default;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = exports.GridTile =
exports.GridList = undefined;\n\nvar _GridList2 = require('./GridList');\n\nvar _GridList3 =
_interopRequireDefault(_GridList2);\n\nvar _GridTile2 = require('./GridTile');\n\nvar _GridTile3 =
_interopRequireDefault(_GridTile2);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ?
obj : {\n default: obj\n };\n}\n\nexports.GridList = _GridList3.default;\n\nexports.GridTile =
_GridTile3.default;\n\nexports.default = _GridList3.default;","use strict";\n\nexports.__esModule = true;\n\nvar
_defineProperty = require(\"../core-js/object/define-property\");\n\nvar _defineProperty2 =
_interopRequireDefault(_defineProperty);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };\n}\n\nexports.default = function (obj, key, value) {\n if (key in obj)
{\n (0, _defineProperty2.default)(obj, key, {\n value: value,\n enumerable: true,\n configurable: true,\n
writable: true\n });\n }\n } else {\n obj[key] = value;\n }\n\n return obj;\n};","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.default = exports.MenuItem

```

```

= exports.IconMenu = undefined;\n\nvar _IconMenu2 = require('./IconMenu');\n\nvar _IconMenu3 =
_interopRequireDefault(_IconMenu2);\n\nvar _MenuItem2 = require('./MenuItem/MenuItem');\n\nvar _MenuItem3
= _interopRequireDefault(_MenuItem2);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nexports.IconMenu = _IconMenu3.default;\nexports.MenuItem
= _MenuItem3.default;\nexports.default = _IconMenu3.default;","use strict";\n\nObject.defineProperty(exports,
"__esModule", {\n  value: true\n});\nexports.default = undefined;\n\nvar _LinearProgress =
require('./LinearProgress');\n\nvar _LinearProgress2 = _interopRequireDefault(_LinearProgress);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nexports.default
= _LinearProgress2.default;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\nexports.default = exports.makeSelectable = exports.ListItem = exports.List = undefined;\n\nvar _List2 =
require('./List');\n\nvar _List3 = _interopRequireDefault(_List2);\n\nvar _ListItem2 = require('./ListItem');\n\nvar
_ListItem3 = _interopRequireDefault(_ListItem2);\n\nvar _makeSelectable2 = require('./makeSelectable');\n\nvar
_makeSelectable3 = _interopRequireDefault(_makeSelectable2);\n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : {\n  default: obj\n };\n}\n\nexports.List = _List3.default;\nexports.ListItem
= _ListItem3.default;\nexports.makeSelectable = _makeSelectable3.default;\nexports.default = _List3.default;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _react =
require('react');\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =
_interopRequireDefault(_propTypes);\n\nvar _getMuiTheme = require('./getMuiTheme');\n\nvar _getMuiTheme2 =
_interopRequireDefault(_getMuiTheme);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar MuiThemeProvider = function (_Component) {\n  (0,
_inherits3.default)(MuiThemeProvider, _Component);\n\n  function MuiThemeProvider() {\n    (0,
_classCallCheck3.default)(this, MuiThemeProvider);\n\n    return (0, _possibleConstructorReturn3.default)(this,
(MuiThemeProvider.__proto__ || (0, _getPrototypeOf2.default)(MuiThemeProvider)).apply(this, arguments));\n  }\n\n  (0, _createClass3.default)(MuiThemeProvider, [{\n    key: 'getChildContext',\n    value: function
getChildContext() {\n      return {\n        muiTheme: this.props.muiTheme || (0, _getMuiTheme2.default)()\n      };\n    }, {\n    key: 'render',\n    value: function render() {\n      return this.props.children;\n    }
}]);\n\n  return MuiThemeProvider;\n})(_react.Component);\n\nMuiThemeProvider.childContextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nMuiThemeProvider.propTypes = process.env.NODE_ENV !==
"production" ? {\n  children: _propTypes2.default.element,\n  muiTheme: _propTypes2.default.object\n} :
{};\n\nexports.default = MuiThemeProvider;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n
value: true\n});\n\nexports.default = prefixValue;\n\nfunction prefixValue(plugings, property, value, style, metaData)
{\n  for (var i = 0, len = plugings.length; i < len; ++i) {\n    var processedValue = plugings[i](property, value, style,
metaData); // we can stop processing if a value is returned\n    // as all plugin criteria are unique\n    if
(processedValue) {\n      return processedValue;\n    } }\n}\n\nmodule.exports = exports["default"];","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nexports.default =
addNewValuesOnly;\n\nfunction addIfNew(list, value) {\n  if (list.indexOf(value) === -1) {\n    list.push(value);\n  }\n}\n\nfunction addNewValuesOnly(list, values) {\n  if (Array.isArray(values)) {\n    for (var i = 0, len =
values.length; i < len; ++i) {\n      addIfNew(list, values[i]);\n    } }\n  } else {\n    addIfNew(list, values);\n  }\n}\n\nmodule.exports = exports["default"];","use strict";\n\nObject.defineProperty(exports, "__esModule",
{\n  value: true\n});\n\nexports.default = isObject;\n\nfunction isObject(value) {\n  return value instanceof Object &&

```

```

!Array.isArray(value);\n}\n\nmodule.exports = exports[\"default\"];\",\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n value: true\n});\n\nexports.default = hyphenateProperty;\n\nvar _hyphenateStyleName =
require('hyphenate-style-name');\n\nvar _hyphenateStyleName2 =
_interopRequireDefault(_hyphenateStyleName);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };\n}\n\nfunction hyphenateProperty(property) {\n return (0,
_hyphenateStyleName2.default)(property);\n}\n\nmodule.exports = exports[\"default\"];\",\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nexports.default =
exports.PopoverAnimationVertical = exports.Popover = undefined;\n\nvar _Popover2 = require('./Popover');\n\nvar
_Popover3 = _interopRequireDefault(_Popover2);\n\nvar _PopoverAnimationVertical2 =
require('./PopoverAnimationVertical');\n\nvar _PopoverAnimationVertical3 =
_interopRequireDefault(_PopoverAnimationVertical2);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };\n}\n\nexports.Popover =
_Popover3.default;\n\nexports.PopoverAnimationVertical = _PopoverAnimationVertical3.default;\n\nexports.default =
_Popover3.default;\",\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nvar
_extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 =
_interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _transitions =
require('./styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nvar
_EnhancedSwitch = require('./internal/EnhancedSwitch');\n\nvar _EnhancedSwitch2 =
_interopRequireDefault(_EnhancedSwitch);\n\nvar _radioButtonUnchecked = require('./svg-icons/toggle/radio-
button-unchecked');\n\nvar _radioButtonUnchecked2 = _interopRequireDefault(_radioButtonUnchecked);\n\nvar
_radioButtonChecked = require('./svg-icons/toggle/radio-button-checked');\n\nvar _radioButtonChecked2 =
_interopRequireDefault(_radioButtonChecked);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };\n}\n\nfunction getStyles(props, context) {\n var radioButton =
context.muiTheme.radioButton;\n\n return {\n icon: {\n height: radioButton.size,\n width: radioButton.size\n
},\n target: {\n transition: _transitions2.default.easeOut(),\n position: 'absolute',\n opacity: 1,\n
transform: 'scale(1)',\n fill: radioButton.borderColor\n },\n fill: {\n position: 'absolute',\n opacity: 1,\n
transform: 'scale(0)',\n transformOrigin: '50% 50%',\n transition: _transitions2.default.easeOut(),\n fill:
radioButton.checkedColor\n },\n targetWhenChecked: {\n opacity: 0,\n transform: 'scale(0)'\n },\n
fillWhenChecked: {\n opacity: 1,\n transform: 'scale(1)'\n },\n targetWhenDisabled: {\n fill:
radioButton.disabledColor\n },\n fillWhenDisabled: {\n fill: radioButton.disabledColor\n },\n label: {\n
color: props.disabled ? radioButton.labelDisabledColor : radioButton.labelColor\n },\n ripple: {\n color:
props.checked ? radioButton.checkedColor : radioButton.borderColor\n }\n };\n}\n\nvar RadioButton = function
(Component) {\n (0, _inherits3.default)(RadioButton, Component);\n\n function RadioButton() {\n var
_ref;\n\n var _temp, _this, _ret;\n\n (0, _classCallCheck3.default)(this, RadioButton);\n\n for (var _len =
arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n args[_key] = arguments[_key];\n
}\n\n return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = RadioButton.__proto_

```



```

_propTypes2.default.any\n} : {};\nexports.default = RadioButton;","use strict";\n\nObject.defineProperty(exports,
\n__esModule", {\n value: true\n});\nexports.default = undefined;\n\nvar _RaisedButton =
require('./RaisedButton');\n\nvar _RaisedButton2 = _interopRequireDefault(_RaisedButton);\n\nfunction
_interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };}\n\nexports.default
= _RaisedButton2.default;","use strict";\n\nObject.defineProperty(exports, __esModule", {\n value:
true\n});\nexports.default = undefined;\n\nvar _RefreshIndicator = require('./RefreshIndicator');\n\nvar
_ReloadIndicator2 = _interopRequireDefault(_RefreshIndicator);\n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : {\n default: obj\n };}\n\nexports.default =
_ReloadIndicator2.default;","use strict";\n\nObject.defineProperty(exports, __esModule", {\n value:
true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 =
_interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : {\n default: obj\n };}\n\nvar getStyles = function getStyles(_ref, _ref2)
{\n var index = _ref.index;\n var stepper = _ref2.stepper;\n var orientation = stepper.orientation;\n var styles = {\n
root: {\n flex: '0 0 auto'\n }\n };}\n\n if (index > 0) {\n if (orientation === 'horizontal') {\n
styles.root.marginLeft = -6;\n } else if (orientation === 'vertical') {\n styles.root.marginTop = -14;\n }\n
}\n\n return styles;\n};}\n\nvar Step = function (_Component) {\n (0, _inherits3.default)(Step, _Component);\n\n
function Step()\n var _ref3;\n\n var _temp, _this, _ret;\n\n (0, _classCallCheck3.default)(this, Step);\n\n for
(var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++)\n args[_key] =
arguments[_key];\n\n return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref3 =
Step.__proto__ || (0, _getPrototypeOf2.default)(Step)).call.apply(_ref3, [this].concat(args))), _this),
_this.renderChild = function (child) {\n var _this$props = _this.props,\n active = _this$props.active,\n
completed = _this$props.completed,\n disabled = _this$props.disabled,\n index = _this$props.index,\n
last = _this$props.last;\n var icon = index + 1;\n return _react2.default.cloneElement(child, (0,
_simpleAssign2.default)({\n active: active,\n completed: completed,\n disabled: disabled,\n icon:
icon,\n last: last\n }, child.props));\n }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n
}\n\n (0, _createClass3.default)(Step, [{\n key: 'render',\n value: function render()\n var _props =
this.props,\n active = _props.active,\n completed = _props.completed,\n disabled =
_props.disabled,\n index = _props.index,\n last = _props.last,\n children = _props.children,\n
style = _props.style,\n other = (0, _objectWithoutProperties3.default)(_props, ['active', 'completed', 'disabled',
'index', 'last', 'children', 'style']);\n var prepareStyles = this.context.muiTheme.prepareStyles;\n var styles =
getStyles(this.props, this.context);\n return _react2.default.createElement('div', (0, _extends3.default)({\n
style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n }, other),
_react2.default.Children.map(children, this.renderChild));\n }\n }]);\n return
Step;\n})(_react.Component);\n\nStep.contextTypes = {\n muiTheme: _propTypes2.default.object.isRequired,\n
stepper: _propTypes2.default.object\n};\n\nStep.propTypes = process.env.NODE_ENV !== "production" ? {\n /**\n
* Sets the step as active. Is passed to child components.\n */\n active: _propTypes2.default.bool,\n\n /**\n
*

```

Should be `Step` sub-components such as `StepLabel`.

- * children: `_propTypes2.default.node`
- * Mark the step as completed. Is passed to child components.
- * completed: `_propTypes2.default.bool`
- * Mark the step as disabled, will also disable the button if `StepButton` is a child of `Step`. Is passed to child components.
- * disabled: `_propTypes2.default.bool`
- * @ignore
- * Used internally for numbering.
- * index: `_propTypes2.default.number`
- * @ignore
- * last: `_propTypes2.default.bool`
- * Override the inline-style of the root element.
- * style: `_propTypes2.default.object`

```

exports.default = Step;
"use strict";
Object.defineProperty(exports, "__esModule", { value: true });
nvar _extends2 = require("babel-runtime/helpers/extends");
nvar _extends3 = _interopRequireDefault(_extends2);
nvar _objectWithoutProperties2 = require("babel-runtime/helpers/objectWithoutProperties");
nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);
nvar _getPrototypeOf = require("babel-runtime/core-js/object/get-prototype-of");
nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);
nvar _classCallCheck2 = require("babel-runtime/helpers/classCallCheck");
nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);
nvar _createClass2 = require("babel-runtime/helpers/createClass");
nvar _createClass3 = _interopRequireDefault(_createClass2);
nvar _possibleConstructorReturn2 = require("babel-runtime/helpers/possibleConstructorReturn");
nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);
nvar _inherits2 = require("babel-runtime/helpers/inherits");
nvar _inherits3 = _interopRequireDefault(_inherits2);
nvar _simpleAssign = require("simple-assign");
nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);
nvar _react = require("react");
nvar _react2 = _interopRequireDefault(_react);
nvar _propTypes = require("prop-types");
nvar _propTypes2 = _interopRequireDefault(_propTypes);
nvar _transitions = require("../styles/transitions");
nvar _transitions2 = _interopRequireDefault(_transitions);
nvar _EnhancedButton = require("../internal/EnhancedButton");
nvar _EnhancedButton2 = _interopRequireDefault(_EnhancedButton);
nvar _StepLabel = require("./StepLabel");
nvar _StepLabel2 = _interopRequireDefault(_StepLabel);
nfunction _interopRequireDefault(obj) {
  return obj && obj.__esModule ? obj : { default: obj };
}
nvar isLabel = function isLabel(child) {
  return child && child.type && child.type.muiName === 'StepLabel';
};
nvar getStyles = function getStyles(props, context, state) {
  var hovered = state.hovered;
  var _context$muiTheme$ste = context.muiTheme stepper,
      backgroundColor = _context$muiTheme$ste.backgroundColor,
      hoverBackgroundColor = _context$muiTheme$ste.hoverBackgroundColor,
      transition = _transitions2.default.easeOut();
  if (context stepper.orientation === 'vertical') {
    styles.root.width = '100%';
  }
  return styles;
};
nvar StepButton = function (_Component) {
  (0, _inherits3.default)(StepButton, _Component);
  function StepButton() {
    var _ref;
    var _temp, _this, _ret;
    (0, _classCallCheck3.default)(this, StepButton);
    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {
      args[_key] = arguments[_key];
    }
    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = StepButton.__proto__ || (0, _getPrototypeOf2.default)(StepButton)).call.apply(_ref, [this].concat(args))), _this), _this.state = { hovered: false, touched: false }, _this.handleClick = function (event) {
      var onMouseEnter = _this.props.onMouseEnter;
      // Cancel hover styles for touch devices
      if (!_this.state.touched) {
        _this.setState({ hovered: true });
      }
      if (typeof onMouseEnter === 'function') {
        onMouseEnter(event);
      }
    }, _this.handleClickLeave = function (event) {
      var onMouseLeave = _this.props.onMouseLeave;
      _this.setState({ hovered: false });
      if (typeof onMouseLeave === 'function') {
        onMouseLeave(event);
      }
    }, _this.handleClickStart = function (event) {
      var onTouchStart = _this.props.onTouchStart;
      if (!_this.state.touched) {
        _this.setState({ touched: true });
      }
      if (typeof onTouchStart === 'function') {
        onTouchStart(event);
      }
    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);
  }
  (0, _createClass3.default)(StepButton, [{
    key: 'render',
    value: function render() {
      var _props = this.props,
          active = _props.active,
  
```



```

children = _props.children,\n    completed = _props.completed,\n    disabled = _props.disabled,\n    icon = _props.icon,\n    iconContainerStyle = _props.iconContainerStyle,\n    last = _props.last,\n    onMouseEnter = _props.onMouseEnter,\n    onMouseLeave = _props.onMouseLeave,\n    onTouchStart = _props.onTouchStart,\n    style = _props.style,\n    other = (0, _objectWithoutProperties3.default)(_props, ['active', 'children', 'completed', 'disabled', 'icon', 'iconContainerStyle', 'last', 'onMouseEnter', 'onMouseLeave', 'onTouchStart', 'style']);\n    var styles = getStyles(this.props, this.context, this.state);\n    var child = isLabel(children) ? children : _react2.default.createElement(_StepLabel2.default, null, children);\n    return _react2.default.createElement(_EnhancedButton2.default, (0, _extends3.default)({\n    disabled: disabled,\n    style: (0, _simpleAssign2.default)(styles.root, style),\n    onMouseEnter: this.handleMouseEnter,\n    onMouseLeave: this.handleMouseLeave,\n    onTouchStart: this.handleTouchStart\n    }, other), _react2.default.cloneElement(child, {\n    active: active,\n    completed: completed,\n    disabled: disabled,\n    icon: icon,\n    iconContainerStyle: iconContainerStyle\n    }));\n  }\n});\nreturn StepButton;\n}(_react.Component);\n\nStepButton.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired,\n  stepper: _propTypes2.default.object\n};\nStepButton.propTypes = process.env.NODE_ENV !== \"production\" ? {\n  /**\n   * Passed from `Step` Is passed to StepLabel.\n   *\n   * active: _propTypes2.default.bool,\n   *\n   * Can be a `StepLabel` or a node to place inside `StepLabel` as children.\n   *\n   * children: _propTypes2.default.node,\n   *\n   * Sets completed styling. Is passed to StepLabel.\n   *\n   * completed: _propTypes2.default.bool,\n   *\n   * Disables the button and sets disabled styling. Is passed to StepLabel.\n   *\n   * disabled: _propTypes2.default.bool,\n   *\n   * The icon displayed by the step label.\n   *\n   * icon: _propTypes2.default.oneOfType([\n   *   _propTypes2.default.element,\n   *   _propTypes2.default.string,\n   *   _propTypes2.default.number\n   ]),\n   *\n   * Override the inline-styles of the icon container element.\n   *\n   * iconContainerStyle: _propTypes2.default.object,\n   *\n   * @ignore *\n   * last: _propTypes2.default.bool,\n   *\n   * @ignore *\n   * onMouseEnter: _propTypes2.default.func,\n   *\n   * @ignore *\n   * onMouseLeave: _propTypes2.default.func,\n   *\n   * @ignore *\n   * onTouchStart: _propTypes2.default.func,\n   *\n   * Override the inline-style of the root element.\n   *\n   * style: _propTypes2.default.object\n  } : {};\n\nexports.default = StepButton;\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\nvar _extends3 = _interopRequireDefault(_extends2);\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\nvar _createClass2 = require('babel-runtime/helpers/createClass');\nvar _createClass3 = _interopRequireDefault(_createClass2);\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\nvar _inherits2 = require('babel-runtime/helpers/inherits');\nvar _inherits3 = _interopRequireDefault(_inherits2);\nvar _simpleAssign = require('simple-assign');\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\nvar _react = require('react');\nvar _react2 = _interopRequireDefault(_react);\nvar _propTypes = require('prop-types');\nvar _propTypes2 = _interopRequireDefault(_propTypes);\nvar _ExpandTransition = require('../internal/ExpandTransition');\nvar _ExpandTransition2 = _interopRequireDefault(_ExpandTransition);\nvar _warning = require('warning');\nvar _warning2 = _interopRequireDefault(_warning);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction ExpandTransition(props) {\n  return _react2.default.createElement(_ExpandTransition2.default, props);\n}\n\nvar getStyles = function getStyles(props, context) {\n  var styles = {\n    root: {\n      marginTop: -14,\n      marginLeft: 14 + 11,\n      // padding + 1/2 icon\n      paddingLeft: 24 - 11 + 8,\n      paddingRight: 16,\n      overflow: 'hidden'\n    }\n  };\n  if (!props.last) {\n    styles.root.borderLeft = '1px solid ' + context.muiTheme.stepper.connectorLineColor;\n  }\n  return

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styles;\n};\n\nvar StepContent = function (_Component) {\n (0, _inherits3.default)(StepContent, _Component);\n\nfunction StepContent() {\n (0, _classCallCheck3.default)(this, StepContent);\n return (0, _possibleConstructorReturn3.default)(this, (StepContent.__proto__ || (0, _getPrototypeOf2.default)(StepContent)).apply(this, arguments));\n }\n\n (0, _createClass3.default)(StepContent, [{\n key: 'render',\n value: function render() {\n var _props = this.props,\n active = _props.active,\n children = _props.children,\n completed = _props.completed,\n last = _props.last,\n style = _props.style,\n transition = _props.transition,\n transitionDuration = _props.transitionDuration,\n other = (0, _objectWithoutProperties3.default)(_props, ['active', 'children', 'completed', 'last', 'style', 'transition', 'transitionDuration']);\n var _context = this.context,\n stepper = _context.stepper,\n prepareStyles = _context.muiTheme.prepareStyles;\n\n if (stepper.orientation !== 'vertical') {\n process.env.NODE_ENV !== \"production\" ? (0, _warning2.default)(false, 'Material-UI: <StepContent /> is only designed for use with the vertical stepper.') : void 0;\n return null;\n }\n\n var styles = getStyles(this.props, this.context);\n var transitionProps = {\n enterDelay: transitionDuration,\n transitionDuration: transitionDuration,\n open: active\n };\n return _react2.default.createElement('div', (0, _extends3.default)({\n style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n }, other), _react2.default.createElement(transition, transitionProps, _react2.default.createElement('div', {\n style: {\n overflow: 'hidden'\n }\n }, children));\n }\n }]);\n return StepContent;\n}(_react.Component);\n\nStepContent.defaultProps = {\n transition: ExpandTransition,\n transitionDuration: 450\n};\n\nStepContent.contextTypes = {\n muiTheme: _propTypes2.default.object.isRequired,\n stepper: _propTypes2.default.object\n};\n\nStepContent.propTypes = process.env.NODE_ENV !== \"production\" ? {\n /**\n * Expands the content\n */\n active: _propTypes2.default.bool,\n\n /**\n * Step content\n */\n children: _propTypes2.default.node,\n\n /**\n * @ignore\n */\n completed: _propTypes2.default.bool,\n\n /**\n * @ignore\n */\n last: _propTypes2.default.bool,\n\n /**\n * Override the inline-style of the root element.\n */\n style: _propTypes2.default.object,\n\n /**\n * ReactTransitionGroup component.\n */\n transition: _propTypes2.default.func,\n\n /**\n * Adjust the duration of the content expand transition. Passed as a prop to the transition component.\n */\n transitionDuration: _propTypes2.default.number\n} : {};\n\nexports.default = StepContent;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _getPrototypeOf = require("babel-runtime/core-js/object/get-prototype-of");\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\nvar _classCallCheck2 = require("babel-runtime/helpers/classCallCheck");\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\nvar _createClass2 = require("babel-runtime/helpers/createClass");\nvar _createClass3 = _interopRequireDefault(_createClass2);\nvar _inherits2 = require("babel-runtime/helpers/inherits");\nvar _inherits3 = _interopRequireDefault(_inherits2);\nvar _simpleAssign = require("simple-assign");\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\nvar _react = require("react");\nvar _react2 = _interopRequireDefault(_react);\nvar _propTypes = require("prop-types");\nvar _propTypes2 = _interopRequireDefault(_propTypes);\nvar _StepConnector = require("./StepConnector");\nvar _StepConnector2 = _interopRequireDefault(_StepConnector);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nvar getStyles = function getStyles(props) {\n var orientation = props.orientation;\n return {\n root: {\n display: 'flex',\n flexDirection: orientation === 'horizontal' ? 'row' : 'column',\n alignContent: 'center',\n alignItems: orientation === 'horizontal' ? 'center' : 'stretch',\n justifyContent: 'space-between'\n }\n };\n}\n\nvar Stepper = function (_Component) {\n (0, _inherits3.default)(Stepper, _Component);\n\nfunction Stepper() {\n (0, _classCallCheck3.default)(this, Stepper);\n return (0, _possibleConstructorReturn3.default)(this, (Stepper.__proto__ || (0, _getPrototypeOf2.default)(Stepper)).apply(this, arguments));\n }\n\n (0, _createClass3.default)(Stepper, [{\n key: 'getChildContext',\n value: function getChildContext() {\n var orientation = this.props.orientation;\n return {\n stepper: {\n orientation: orientation\n }\n }\n }, {\n key: 'render',\n value: function

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render() {\n    var _props = this.props,\n        activeStep = _props.activeStep,\n        children = _props.children,\n        connector = _props.connector,\n        linear = _props.linear,\n        style = _props.style;\n    var prepareStyles\n    = this.context.muiTheme.prepareStyles;\n    var styles = getStyles(this.props, this.context);\n    /**\n     * One\n    day, we may be able to use real CSS tools\n     * For now, we need to create our own \"pseudo\" elements\n     * and nth child selectors, etc\n     * That's what some of this garbage is for :)\n     */\n    var numChildren =\n    _react.Children.count(children);\n    var steps = _react.Children.map(children, function (step, index) {\n    if\n    (!_react2.default.isValidElement(step)) {\n    return null;\n    }\n    var controlProps = {\n    index:\n    index\n    };\n    if (activeStep === index) {\n    controlProps.active = true;\n    } else if (linear &&\n    activeStep > index) {\n    controlProps.completed = true;\n    } else if (linear &&\n    activeStep < index) {\n    controlProps.disabled = true;\n    }\n    if (index + 1 === numChildren) {\n    controlProps.last = true;\n    }\n    return [index > 0 && connector, _react2.default.cloneElement(step, (0,\n    _simpleAssign2.default)(controlProps, step.props))];\n    });\n    return _react2.default.createElement('div', {\n    style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n    }, steps);\n    });\n    return\n    Stepper;\n    }(_react.Component);\n    \n    Stepper.defaultProps = {\n    connector:\n    _react2.default.createElement(_StepConnector2.default, null),\n    orientation: 'horizontal',\n    linear:\n    true\n    };\n    Stepper.contextTypes = {\n    muiTheme:\n    _propTypes2.default.object.isRequired\n    };\n    Stepper.childContextTypes = {\n    stepper:\n    _propTypes2.default.object\n    };\n    Stepper.propTypes = process.env.NODE_ENV !== \"production\" ? {\n    /**\n     * Set the active step (zero based index). This will enable `Step` control helpers.\n     */\n    activeStep:\n    _propTypes2.default.number,\n    /**\n     * Should be two or more `<Step />` components.\n     */\n    children:\n    _propTypes2.default.node,\n    /**\n     * A component to be placed between each step.\n     */\n    connector:\n    _propTypes2.default.node,\n    /**\n     * If set to `true`, the `Stepper` will assist in controlling steps for linear flow\n     */\n    linear: _propTypes2.default.bool,\n    /**\n     * The stepper orientation (layout flow direction)\n     */\n    orientation: _propTypes2.default.oneOf(['horizontal', 'vertical']),\n    /**\n     * Override the inline-style of the root\n    element.\n     */\n    style: _propTypes2.default.object\n    } : {};\n    exports.default = Stepper;\";\"use\n    strict\";\n    \n    Object.defineProperty(exports, \"__esModule\", {\n    value: true\n    });\n    exports.default = undefined;\n    \n    var _Snackbar = require('./Snackbar');\n    var _Snackbar2 = _interopRequireDefault(_Snackbar);\n    \n    function\n    _interopRequireDefault(obj) {\n    return obj && obj.__esModule ? obj : {\n    default: obj\n    };\n    }\n    \n    exports.default =\n    _Snackbar2.default;\";\"use strict\";\n    \n    Object.defineProperty(exports, \"__esModule\", {\n    value:\n    true\n    });\n    exports.default = exports.Tabs = exports.Tab = undefined;\n    \n    var _Tab2 = require('./Tab');\n    var _Tab3 =\n    _interopRequireDefault(_Tab2);\n    var _Tabs2 = require('./Tabs');\n    var _Tabs3 =\n    _interopRequireDefault(_Tabs2);\n    \n    function _interopRequireDefault(obj) {\n    return obj && obj.__esModule ? obj\n    : {\n    default: obj\n    };\n    }\n    \n    exports.Tab = _Tab3.default;\n    exports.Tabs = _Tabs3.default;\n    exports.default =\n    _Tabs3.default;\";\"use strict\";\n    \n    Object.defineProperty(exports, \"__esModule\", {\n    value:\n    true\n    });\n    exports.default = exports.TableRowColumn = exports.TableRow = exports.TableHeaderColumn =\n    exports.TableHeader = exports.TableFooter = exports.TableBody = exports.Table = undefined;\n    \n    var _Table2 =\n    require('./Table');\n    var _Table3 = _interopRequireDefault(_Table2);\n    var _TableBody2 =\n    require('./TableBody');\n    var _TableBody3 = _interopRequireDefault(_TableBody2);\n    var _TableFooter2 =\n    require('./TableFooter');\n    var _TableFooter3 = _interopRequireDefault(_TableFooter2);\n    var _TableHeader2 =\n    require('./TableHeader');\n    var _TableHeader3 = _interopRequireDefault(_TableHeader2);\n    var\n    _TableHeaderColumn2 = require('./TableHeaderColumn');\n    var _TableHeaderColumn3 =\n    _interopRequireDefault(_TableHeaderColumn2);\n    var _TableRow2 =\n    require('./TableRow');\n    var _TableRow3 =\n    _interopRequireDefault(_TableRow2);\n    var _TableRowColumn2 =\n    require('./TableRowColumn');\n    var\n    _TableRowColumn3 = _interopRequireDefault(_TableRowColumn2);\n    \n    function _interopRequireDefault(obj) {\n    return obj && obj.__esModule ? obj : {\n    default: obj\n    };\n    }\n    \n    exports.Table =\n    _Table3.default;\n    exports.TableBody = _TableBody3.default;\n    exports.TableFooter =\n    _TableFooter3.default;\n    exports.TableHeader = _TableHeader3.default;\n    exports.TableHeaderColumn =\n    _TableHeaderColumn3.default;\n    exports.TableRow = _TableRow3.default;\n    exports.TableRowColumn =

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_TableRowColumn3.default;\nexports.default = _Table3.default;","use strict';\n\nObject.defineProperty(exports,
\n__esModule", {\n value: true\n});\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-
of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 =
require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_slicedToArray2 = require('babel-runtime/helpers/slicedToArray');\n\nvar _slicedToArray3 =
_interopRequireDefault(_slicedToArray2);\n\nvar _react = require('react');\n\nvar _react2 =
_interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =
_interopRequireDefault(_propTypes);\n\nvar _timeUtils = require('./timeUtils');\n\nfunction
_interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nfunction
getStyles(props, context) {\n var styles = {\n root: {\n directionInvariant: true,\n display: 'inline-block',\n
position: 'absolute',\n width: 32,\n height: 32,\n borderRadius: '100%',\n left: 'calc(50% - 16px)',\n
top: 10,\n textAlign: 'center',\n padding: 5,\n userSelect: 'none',\n /* Chrome all / Safari all */\n
fontSize: '1.1em',\n pointerEvents: 'none',\n boxSizing: 'border-box'\n };\n var muiTheme =
context.muiTheme;\n var pos = props.value;\n if (props.type === 'hour') {\n pos %= 12;\n } else {\n pos =
pos / 5;\n }\n var positions = [[0, 5], [54.5, 16.6], [94.4, 59.5], [109, 114], [94.4, 168.5], [54.5, 208.4], [0, 223], [-
54.5, 208.4], [-94.4, 168.5], [-109, 114], [-94.4, 59.5], [-54.5, 19.6]];\n var innerPositions = [[0, 40], [36.9, 49.9],
[64, 77], [74, 114], [64, 151], [37, 178], [0, 188], [-37, 178], [-64, 151], [-74, 114], [-64, 77], [-37, 50]];\n\n if
(props.isSelected) {\n styles.root.backgroundColor = muiTheme.timePicker.accentColor;\n styles.root.color =
muiTheme.timePicker.selectTextColor;\n }\n\n var transformPos = positions[pos];\n\n if ((0,
_timeUtils.isInner)(props)) {\n styles.root.width = 28;\n styles.root.height = 28;\n styles.root.left = 'calc(50% -
14px)';\n transformPos = innerPositions[pos];\n }\n\n var _transformPos = transformPos,\n _transformPos2 =
(0, _slicedToArray3.default)(_transformPos, 2),\n x = _transformPos2[0],\n y = _transformPos2[1];\n\n styles.root.transform = 'translate(' + x + 'px, ' + y + 'px)';\n return styles;\n}\n\nvar ClockNumber = function
(_Component) {\n (0, _inherits3.default)(ClockNumber, _Component);\n\n function ClockNumber() {\n (0,
_classCallCheck3.default)(this, ClockNumber);\n return (0, _possibleConstructorReturn3.default)(this,
(ClockNumber.__proto__ || (0, _getPrototypeOf2.default)(ClockNumber)).apply(this, arguments));\n }\n\n (0,
_createClass3.default)(ClockNumber, [{\n key: 'render',\n value: function render() {\n var prepareStyles =
this.context.muiTheme.prepareStyles;\n var styles = getStyles(this.props, this.context);\n var clockNumber =
this.props.value === 0 ? '00' : this.props.value;\n return _react2.default.createElement('span', {\n style:
prepareStyles(styles.root)\n }, clockNumber);\n }\n }]);\n return
ClockNumber;\n}(_react.Component);\n\nClockNumber.defaultProps = {\n value: 0,\n type: 'minute',\n
isSelected: false\n};\n\nClockNumber.contextTypes = {\n muiTheme:
_propTypes2.default.object.isRequired\n};\n\nClockNumber.propTypes = process.env.NODE_ENV !==
"production" ? {\n isSelected: _propTypes2.default.bool,\n onSelect: _propTypes2.default.func,\n type:
_propTypes2.default.oneOf(['hour', 'minute']),\n value: _propTypes2.default.number\n } : {};\n\nexports.default =
ClockNumber;","use strict';\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nvar
_getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-

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runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _timeUtils = require('./timeUtils');\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction
calcAngle(value, base) {\n  value %= base;\n  var angle = 360 / base * value;\n  return angle;\n}\n\nfunction
getStyles(props, context, state) {\n  var hasSelected = props.hasSelected,\n    type = props.type,\n    value =
props.value;\n  var inner = state.inner;\n  var timePicker = context.muiTheme.timePicker;\n  var angle = type ===
'hour' ? calcAngle(value, 12) : calcAngle(value, 60);\n  var styles = {\n    root: {\n      height: inner ? '30%' : '40%',\n
background: timePicker.accentColor,\n      width: 2,\n      left: 'calc(50% - 1px)',\n      position: 'absolute',\n
bottom: '50%',\n      transformOrigin: 'bottom',\n      pointerEvents: 'none',\n      transform: 'rotateZ(' + angle +
'deg)'\n    },\n    mark: {\n      boxSizing: 'content-box',\n      background: timePicker.selectTextColor,\n      border:
'4px solid ' + timePicker.accentColor,\n      display: hasSelected && 'none',\n      width: 7,\n      height: 7,\n
position: 'absolute',\n      top: -5,\n      left: -6,\n      borderRadius: '100%'\n    }\n  };\n  return styles;\n}\n\nvar
ClockPointer = function (_Component) {\n  (0, _inherits3.default)(ClockPointer, _Component);\n\n  function
ClockPointer() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this,
ClockPointer);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n
args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = ClockPointer.__proto__ || (0,
_getPrototypeOf2.default)(ClockPointer)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n      inner:
false\n    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0,
_createClass3.default)(ClockPointer, [{\n    key: 'componentWillMount',\n    value: function componentWillMount()\n    {\n      this.setState({\n        inner: (0, _timeUtils.isInner)(this.props)\n      });\n    }\n  }, {\n    key:
'componentWillReceiveProps',\n    value: function componentWillReceiveProps(nextProps) {\n      this.setState({\n        inner: (0, _timeUtils.isInner)(nextProps)\n      });\n    }\n  }, {\n    key: 'render',\n    value: function render() {\n      if (this.props.value === null) {\n        return _react2.default.createElement('span', null);\n      }\n\n      var styles =
getStyles(this.props, this.context, this.state);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      return _react2.default.createElement('div', {\n        style: prepareStyles(styles.root)\n      },
_react2.default.createElement('div', {\n        style: prepareStyles(styles.mark)\n      }));\n    }\n  }]);\n  return
ClockPointer;\n})(_react.Component);\n\nClockPointer.defaultProps = {\n  hasSelected: false,\n  value: null,\n  type:
'minute'\n};\n\nClockPointer.contextTypes = {\n  muiTheme:\n  _propTypes2.default.object.isRequired\n};\n\nClockPointer.propTypes = process.env.NODE_ENV !== \"production\"
? {\n  hasSelected: _propTypes2.default.bool,\n  type: _propTypes2.default.oneOf(['hour', 'minute']),\n  value:\n  _propTypes2.default.number\n} : {};\n\nexports.default = ClockPointer;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nexports.default =
exports.ToolbarTitle = exports.ToolbarSeparator = exports.ToolbarGroup = exports.Toolbar = undefined;\n\nvar
_Toolbar2 = require('./Toolbar');\n\nvar _Toolbar3 = _interopRequireDefault(_Toolbar2);\n\nvar _ToolbarGroup2 =
require('./ToolbarGroup');\n\nvar _ToolbarGroup3 = _interopRequireDefault(_ToolbarGroup2);\n\nvar
_ToolbarSeparator2 = require('./ToolbarSeparator');\n\nvar _ToolbarSeparator3 =
_interopRequireDefault(_ToolbarSeparator2);\n\nvar _ToolbarTitle2 = require('./ToolbarTitle');\n\nvar
_ToolbarTitle3 = _interopRequireDefault(_ToolbarTitle2);\n\nfunction _interopRequireDefault(obj) {\n  return obj
&& obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nexports.Toolbar =
_Toolbar3.default;\n\nexports.ToolbarGroup = _ToolbarGroup3.default;\n\nexports.ToolbarSeparator =
_ToolbarSeparator3.default;\n\nexports.ToolbarTitle = _ToolbarTitle3.default;\n\nexports.default =
_Toolbar3.default;","var getNative = require('./_getNative');\n\nvar defineProperty = function () {\n  try {\n    var
func = getNative(Object, 'defineProperty');\n    func({}, {}, {});\n    return func;\n  } catch (e) {\n    {}\n  }\n}();\n\nmodule.exports = defineProperty;","/** Detect free variable `global` from Node.js. */\n\nvar freeGlobal =
typeof global == 'object' && global && global.Object === Object && global;\n\nmodule.exports = freeGlobal;","/**
Used for built-in method references. */\n\nvar funcProto = Function.prototype;\n\n/** Used to resolve the decompiled

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source of functions. */
nvar funcToString = funcProto.toString;
/**
 * Converts `func` to its source code.
 *
 * @private
 * @param {Function} func The function to convert.
 * @returns {string} Returns the source code.
 */
function toSource(func) {
  if (func != null) {
    try {
      return funcToString.call(func);
    } catch (e) {}
    try {
      return func + "";
    } catch (e) {}
  }
  return "";
}
module.exports = toSource;
var apply = require('./_apply');
/**
 * Built-in method references for those with the same name as other `lodash` methods.
 */
nvar nativeMax = Math.max;
/**
 * A specialized version of `baseRest` which transforms the rest array.
 *
 * @private
 * @param {Function} func The function to apply a rest parameter to.
 * @param {number} [start=func.length-1] The start position of the rest parameter.
 * @param {Function} transform The rest array transform.
 * @returns {Function} Returns the new function.
 */
function overRest(func, start, transform) {
  start = nativeMax(start === undefined ? func.length - 1 : start, 0);
  return function () {
    var args = arguments,
        index = -1,
        length = nativeMax(args.length - start, 0),
        array = Array(length);
    while (++index < length) {
      array[index] = args[start + index];
    }
    index = -1;
    var otherArgs = Array(start + 1);
    while (++index < start) {
      otherArgs[index] = args[index];
    }
    otherArgs[start] = transform(array);
    return apply(func, this, otherArgs);
  };
}
module.exports = overRest;
var baseSetToString = require('./_baseSetToString'),
    shortOut = require('./_shortOut');
/**
 * Sets the `toString` method of `func` to return `string`.
 *
 * @private
 * @param {Function} func The function to modify.
 * @param {Function} string The `toString` result.
 * @returns {Function} Returns `func`.
 */
nvar setToString = shortOut(baseSetToString);
module.exports = setToString;
/**
 * Creates a function that returns `value`.
 *
 * @static
 * @memberOf _
 * @since 2.4.0
 * @category Util
 * @param {*} value The value to return from the new function.
 * @returns {Function} Returns the new constant function.
 * @example
 * var objects = _times(2, _constant({ 'a': 1 }));
 * console.log(objects);
 * // => [{ 'a': 1 }, { 'a': 1 }]
 * console.log(objects[0] === objects[1]);
 * // => true
 */
function constant(value) {
  return function () {
    return value;
  };
}
module.exports = constant;
var baseTimes = require('./_baseTimes'),
    isArguments = require('./isArguments'),
    isArray = require('./isArray'),
    isBuffer = require('./isBuffer'),
    isIndex = require('./isIndex'),
    isTypedArray = require('./isTypedArray');
/**
 * Used for built-in method references.
 */
nvar objectProto = Object.prototype;
/**
 * Used to check objects for own properties.
 */
nvar hasOwnProperty = objectProto.hasOwnProperty;
/**
 * Creates an array of the enumerable property names of the array-like `value`.
 *
 * @private
 * @param {*} value The value to query.
 * @param {boolean} inherited Specify returning inherited property names.
 * @returns {Array} Returns the array of property names.
 */
function arrayLikeKeys(value, inherited) {
  var isArr = isArray(value),
      isArg = !isArr && isArguments(value),
      isBuff = !isArr && !isArg && isBuffer(value),
      isType = !isArr && !isArg && !isBuff && isTypedArray(value),
      skipIndexes = isArr || isArg || isBuff || isType,
      result = skipIndexes ? baseTimes(value.length, String) : [],
      length = result.length;
  for (var key in value) {
    if ((inherited || hasOwnProperty.call(value, key)) && !(skipIndexes && (/Safari 9 has enumerable `arguments.length` in strict mode.\n key == 'length' // Node.js 0.10 has enumerable non-index properties on buffers.\n isBuff && (key == 'offset' || key == 'parent') // PhantomJS 2 has enumerable non-index properties on typed arrays.\n isType && (key == 'buffer' || key == 'byteLength' || key == 'byteOffset') // Skip index properties.\n isIndex(key, length)))) {
      result.push(key);
    }
  }
  return result;
}
module.exports = arrayLikeKeys;
/**
 * The base implementation of `_.times` without support for iteratee shorthands or max array length checks.
 *
 * @private
 * @param {number} n The number of times to invoke `iteratee`.
 * @param {Function} iteratee The function invoked per iteration.
 * @returns {Array} Returns the array of results.
 */
function baseTimes(n, iteratee) {
  var index = -1,
      result = Array(n);
  while (++index < n) {
    result[index] = iteratee(index);
  }
  return result;
}
module.exports = baseTimes;
/**
 * Creates a unary function that invokes `func` with its argument transformed.
 *
 * @private
 * @param {Function} func The function to wrap.
 * @param {Function} transform The argument transform.
 * @returns {Function} Returns the new function.
 */
function overArg(func, transform) {
  return function (arg) {
    return func(transform(arg));
  };
}
module.exports = overArg;
var copyObject = require('./_copyObject'),
    createAssigner = require('./_createAssigner'),
    keysIn = require('./keysIn');
/**
 * This method is like `_.assign` except that it iterates over own and inherited source

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properties.\n *\n * **Note:** This method mutates `object`.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @alias extend\n * @category Object\n * @param {Object} object The destination object.\n * @param {...Object} [sources] The source objects.\n * @returns {Object} Returns `object`.\n * @see _assign\n * @example\n *\n * function Foo() {\n *   this.a = 1;\n * }\n *\n * function Bar() {\n *   this.c = 3;\n * }\n *\n * Foo.prototype.b = 2;\n * Bar.prototype.d = 4;\n *\n * _assignIn({ 'a': 0 }, new Foo, new Bar);\n * // => { 'a': 1, 'b': 2, 'c': 3, 'd': 4 }\n *\n *\n * \nvar assignIn = createAssigner(function (object, source) {\n *   copyObject(source, keysIn(source),\n *   object);\n * });\n * \nmodule.exports = assignIn;","var copyObject = require('./_copyObject'),\n *   createAssigner =\n *   require('./_createAssigner'),\n *   keysIn = require('./keysIn');\n * \n/**\n * This method is like `_.assignIn` except that it\n * accepts `customizer` which is invoked to produce the assigned values. If `customizer` returns\n * `undefined`, assignment is handled by the method instead. The `customizer` is invoked with five arguments: (objValue,\n * srcValue, key, object, source).\n * \n * **Note:** This method mutates `object`.\n * \n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @alias extendWith\n * @category Object\n * @param {Object} object The destination\n * object.\n * @param {...Object} sources The source objects.\n * @param {Function} [customizer] The function to\n * customize assigned values.\n * @returns {Object} Returns `object`.\n * @see _assignWith\n * @example\n *\n * function customizer(objValue, srcValue) {\n *   return _isUndefined(objValue) ? srcValue : objValue;\n * }\n *\n * \nvar defaults = _partialRight(_assignInWith, customizer);\n * \n * defaults({ 'a': 1 }, { 'b': 2 }, { 'a': 3 });\n * // => {\n * 'a': 1, 'b': 2 }\n * \n *\n *\n * \nvar assignInWith = createAssigner(function (object, source, srcIndex, customizer) {\n *   copyObject(source, keysIn(source), object, customizer);\n * });\n * \nmodule.exports = assignInWith;","var get =\n * require('./get');\n * \n/**\n * The base implementation of `_.at` without support for individual paths.\n * \n *\n * @private\n * @param {Object} object The object to iterate over.\n * @param {string[]} paths The property paths to pick.\n * @returns {Array} Returns the picked elements.\n * \n *\n *\n * \nfunction baseAt(object, paths) {\n *   var index = -1,\n *       length = paths.length,\n *       result = Array(length),\n *       skip = object == null;\n *   while (++index < length) {\n *     result[index] = skip ? undefined : get(object, paths[index]);\n *   }\n *   return result;\n * }\n * \n * \nmodule.exports =\n * baseAt;","var baseFlatten = require('./_baseFlatten');\n * \n/**\n * Flattens `array` a single level deep.\n * \n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Array\n * @param {Array} array The array to flatten.\n * @returns {Array} Returns the new flattened array.\n * @example\n *\n * _flatten([1, [2, [3, [4]], 5]]);\n * // => [1, 2, [3, [4]], 5]\n * \n *\n *\n * \nfunction flatten(array) {\n *   var length = array == null ? 0 : array.length;\n *   return length ?\n *     baseFlatten(array, 1) : [];\n * }\n * \n * \nmodule.exports = flatten;","var copyObject = require('./_copyObject'),\n *   keys =\n *   require('./keys');\n * \n/**\n * The base implementation of `_.assign` without support for multiple sources\n * or `customizer` functions.\n * \n *\n * @private\n * @param {Object} object The destination object.\n * @param {Object} source The source object.\n * @returns {Object} Returns `object`.\n * \n *\n *\n * \nfunction baseAssign(object, source) {\n *   return object && copyObject(source, keys(source), object);\n * }\n * \n * \nmodule.exports = baseAssign;","var\n * baseAssignValue = require('./_baseAssignValue'),\n *   eq = require('./eq');\n * \n/**\n * This function is like `assignValue` except that it doesn't assign\n * `undefined` values.\n * \n *\n * @private\n * @param {Object} object\n * The object to modify.\n * @param {string} key The key of the property to assign.\n * @param {*} value The value\n * to assign.\n * \n *\n *\n * \nfunction assignMergeValue(object, key, value) {\n *   if (value !== undefined && !eq(object[key],\n *   value) || value === undefined && !(key in object)) {\n *     baseAssignValue(object, key, value);\n *   }\n * }\n * \n * \nmodule.exports = assignMergeValue;","/**\n * Creates a base function for methods like `_.forIn` and\n * `_.forOwn`.\n * \n *\n * @private\n * @param {boolean} [fromRight] Specify iterating from right to left.\n * @returns {Function} Returns the new base function.\n * \n *\n *\n * \nfunction createBaseFor(fromRight) {\n *   return function (object,\n *   iteratee, keysFunc) {\n *     var index = -1,\n *         iterable = Object(object),\n *         props = keysFunc(object),\n *         length = props.length;\n *     while (length--) {\n *       var key = props[fromRight ? length : ++index];\n *       if (\n *         iteratee(iterable[key], key, iterable) === false) {\n *         break;\n *       }\n *     }\n *     return object;\n *   };\n * }\n * \n * \nmodule.exports = createBaseFor;","var root = require('./_root');\n * \n/**\n * Detect free variable `exports`.\n * \n *\n *\n * \nvar freeExports = typeof exports == 'object' && exports && !exports.nodeType && exports;\n * \n/**\n * Detect free variable `module`.\n * \n *\n *\n * \nvar freeModule = freeExports && typeof module == 'object' && module &&\n * !module.nodeType && module;\n * \n/**\n * Detect the popular CommonJS extension `module.exports`.\n * \n *\n *\n * \nvar moduleExports = freeModule && freeModule.exports === freeExports;\n * \n/**\n * Built-in value references.

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Buffer = moduleExports ? root.Buffer : undefined,\n  allocUnsafe = Buffer ? Buffer.allocUnsafe :
undefined;\n/**\n * Creates a clone of `buffer`.\n *\n * @private\n * @param {Buffer} buffer The buffer to
clone.\n *\n * @param {boolean} [isDeep] Specify a deep clone.\n *\n * @returns {Buffer} Returns the cloned buffer.\n
*/\n\nfunction cloneBuffer(buffer, isDeep) {\n  if (isDeep) {\n    return buffer.slice();\n  }\n\n  var length =
buffer.length,\n      result = allocUnsafe ? allocUnsafe(length) : new buffer.constructor(length);\n\n  buffer.copy(result);\n  return result;\n}\n\nmodule.exports = cloneBuffer;","var cloneArrayBuffer =
require('./_cloneArrayBuffer');\n/**\n * Creates a clone of `typedArray`.\n *\n * @private\n * @param {Object}
typedArray The typed array to clone.\n *\n * @param {boolean} [isDeep] Specify a deep clone.\n *\n * @returns {Object}
Returns the cloned typed array.\n *\n *\n *\nfunction cloneTypedArray(typedArray, isDeep) {\n  var buffer = isDeep ?
cloneArrayBuffer(typedArray.buffer) : typedArray.buffer;\n  return new typedArray.constructor(buffer,
typedArray.byteOffset, typedArray.length);\n}\n\nmodule.exports = cloneTypedArray;","var root =
require('./_root');\n/**\n * Built-in value references. *\n *\n * @nvar Uint8Array = root.Uint8Array;\n * module.exports =
Uint8Array;","var baseCreate = require('./_baseCreate'),\n    getPrototype = require('./_getPrototype'),\n    isPrototype = require('./_isPrototype');\n/**\n * Initializes an object clone.\n *\n * @private\n * @param {Object}
object The object to clone.\n *\n * @returns {Object} Returns the initialized clone.\n *\n *\n *\nfunction
initCloneObject(object) {\n  return typeof object.constructor == 'function' && !isPrototype(object) ?
baseCreate(getPrototype(object)) : {};\n}\n\nmodule.exports = initCloneObject;","var baseGetTag =
require('./_baseGetTag'),\n    getPrototype = require('./_getPrototype'),\n    isObjectLike =
require('./isObjectLike');\n/**\n * `Object#toString` result references. *\n *\n * @nvar objectTag = '[object Object]';\n /**\n * Used for built-in method references. *\n *\n * @nvar funcProto = Function.prototype,\n    objectProto =
Object.prototype;\n /**\n * Used to resolve the decompiled source of functions. *\n *\n * @nvar funcToString =
funcProto.toString;\n /**\n * Used to check objects for own properties. *\n *\n * @nvar hasOwnProperty =
objectProto.hasOwnProperty;\n /**\n * Used to infer the `Object` constructor. *\n *\n * @nvar objectCtorString =
funcToString.call(Object);\n /**\n * Checks if `value` is a plain object, that is, an object created by the\n *\n * `Object`
constructor or one with a `[[Prototype]]` of `null`.\n *\n * @static\n * @memberOf _\n * @since 0.8.0\n *
@category Lang\n * @param {*} value The value to check.\n *\n * @returns {boolean} Returns `true` if `value` is a
plain object, else `false`.\n *\n * @example\n *\n * function Foo() {\n *   this.a = 1;\n * }\n *\n * _isPlainObject(new
Foo);\n * // => false\n *\n * _isPlainObject([1, 2, 3]);\n * // => false\n *\n * _isPlainObject({ 'x': 0, 'y': 0 });\n *
// => true\n *\n * _isPlainObject(Object.create(null));\n * // => true\n *\n *\nfunction isPlainObject(value) {\n  if
(!isObjectLike(value) || baseGetTag(value) != objectTag) {\n    return false;\n  }\n\n  var proto =
getPrototype(value);\n\n  if (proto === null) {\n    return true;\n  }\n\n  var Ctor = hasOwnProperty.call(proto,
'constructor') && proto.constructor;\n  return typeof Ctor == 'function' && Ctor instanceof Ctor &&
funcToString.call(Ctor) == objectCtorString;\n}\n\nmodule.exports = isPlainObject;","/**\n * Gets the value at
`key`, unless `key` is `__proto__`.\n *\n * @private\n * @param {Object} object The object to query.\n *\n * @param
{string} key The key of the property to get.\n *\n * @returns {*} Returns the property value.\n *\n *\n *\nfunction
safeGet(object, key) {\n  if (key == '__proto__') {\n    return;\n  }\n\n  return object[key];\n}\n\nmodule.exports =
safeGet;","var baseMerge = require('./_baseMerge'),\n    createAssigner = require('./_createAssigner');\n/**\n * This
method is like `_.merge` except that it accepts `customizer` which\n *\n * is invoked to produce the merged values of
the destination and source\n *\n * properties. If `customizer` returns `undefined`, merging is handled by the\n *\n * method
instead. The `customizer` is invoked with six arguments:\n *\n * (objValue, srcValue, key, object, source, stack).\n *\n *\n *
**Note:** This method mutates `object`.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category
Object\n * @param {Object} object The destination object.\n * @param {...Object} sources The source objects.\n *
@param {Function} customizer The function to customize assigned values.\n *\n * @returns {Object} Returns
`object`.\n *\n * @example\n *\n * function customizer(objValue, srcValue) {\n *   if (!_isArray(objValue)) {\n
return objValue.concat(srcValue);\n *   }\n * }\n *\n * var object = { 'a': [1], 'b': [2] }; \n * var other = { 'a': [3], 'b':
[4] }; \n * _mergeWith(object, other, customizer);\n * // => { 'a': [1, 3], 'b': [2, 4] }\n *\n *\n *\nfunction mergeWith =
createAssigner(function (object, source, srcIndex, customizer) {\n  baseMerge(object, source, srcIndex,
customizer);\n});\n\nmodule.exports = mergeWith;","var createToPairs = require('./_createToPairs'),\n    keys =

```



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require('./keys');\n/**\n * Creates an array of own enumerable string keyed-value pairs for `object`\n * which can be consumed by `_.fromPairs`. If `object` is a map or set, its\n * entries are returned.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @alias entries\n * @category Object\n * @param {Object} object The object to query.\n * @returns {Array} Returns the key-value pairs.\n * @example\n *\n * function Foo() {\n *   this.a = 1;\n *   this.b = 2;\n * }\n *\n * Foo.prototype.c = 3;\n *\n * _.toPairs(new Foo);\n * // => [['a', 1], ['b', 2]] (iteration order is not guaranteed)\n *\n * \nvar toPairs = createToPairs(keys);\nmodule.exports = toPairs;","var baseToPairs =\nrequire('./_baseToPairs'),\n  getTag = require('./_getTag'),\n  mapToArray = require('./_mapToArray'),\n  setToPairs = require('./_setToPairs');\n/** `Object#toString` result references. *\n *\n * \nvar mapTag = '[object Map]',\n  setTag = '[object Set]';\n/**\n * Creates a `_.toPairs` or `_.toPairsIn` function.\n *\n * @private\n * @param {Function} keysFunc The function to get the keys of a given object.\n * @returns {Function} Returns the new pairs function.\n *\n * \nfunction createToPairs(keysFunc) {\n  return function (object) {\n    var tag =\n      getTag(object);\n\n    if (tag == mapTag) {\n      return mapToArray(object);\n    }\n\n    if (tag == setTag) {\n      return setToPairs(object);\n    }\n\n    return baseToPairs(object, keysFunc(object));\n  };}\n\nmodule.exports =\n  createToPairs;","var getNative = require('./_getNative'),\n  root = require('./_root');\n/** Built-in method references that are verified to be native. *\n *\n * \nvar Set = getNative(root, 'Set');\nmodule.exports = Set;","/**\n * Converts `map` to its key-value pairs.\n *\n * @private\n * @param {Object} map The map to convert.\n * @returns {Array} Returns the key-value pairs.\n *\n * \nfunction mapToArray(map) {\n  var index = -1,\n      result = Array(map.size);\n\n  map.forEach(function (value, key) {\n    result[++index] = [key, value];\n  });\n  return result;\n}\n\nmodule.exports =\n  mapToArray;","var createToPairs = require('./_createToPairs'),\n  keysIn = require('./keysIn');\n/**\n * Creates an array of own and inherited enumerable string keyed-value pairs\n * for `object` which can be consumed by `_.fromPairs`. If `object` is a map\n * or set, its entries are returned.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @alias entriesIn\n * @category Object\n * @param {Object} object The object to query.\n * @returns {Array} Returns the key-value pairs.\n * @example\n *\n * function Foo() {\n *   this.a = 1;\n *   this.b = 2;\n * }\n *\n * Foo.prototype.c = 3;\n *\n * _.toPairsIn(new Foo);\n * // => [['a', 1], ['b', 2], ['c', 3]] (iteration order is not guaranteed)\n *\n * \nvar toPairsIn = createToPairs(keysIn);\nmodule.exports = toPairsIn;","/**\n * The base implementation of methods like `_.findKey` and `_.findLastKey`,\n * without support for iteratee shorthands, which iterates over `collection`\n * using `eachFunc`.\n *\n * @private\n * @param {Array|Object} collection The collection to inspect.\n * @param {Function} predicate The function invoked per iteration.\n * @param {Function} eachFunc The function to iterate over `collection`.\n * @returns {*} Returns the found element or its key, else `undefined`.\n *\n * \nfunction baseFindKey(collection, predicate, eachFunc) {\n  var result;\n\n  eachFunc(collection, function (value, key, collection) {\n    if (predicate(value, key, collection)) {\n      result = key;\n      return false;\n    }\n  });\n  return result;\n}\n\nmodule.exports = baseFindKey;","var baseIsEqualDeep =\nrequire('./_baseIsEqualDeep'),\n  isObjectLike = require('./isObjectLike');\n/**\n * The base implementation of `_.isEqual` which supports partial comparisons\n * and tracks traversed objects.\n *\n * @private\n * @param {*} value The value to compare.\n * @param {*} other The other value to compare.\n * @param {boolean} bitmask The bitmask flags.\n * 1 - Unordered comparison\n * 2 - Partial comparison\n * @param {Function} [customizer] The function to customize comparisons.\n * @param {Object} [stack] Tracks traversed `value` and `other` objects.\n * @returns {boolean} Returns `true` if the values are equivalent, else `false`.\n *\n * \nfunction baseIsEqual(value, other, bitmask, customizer, stack) {\n  if (value === other) {\n    return true;\n  }\n\n  if (value == null || other == null || !isObjectLike(value) && !isObjectLike(other)) {\n    return value !== value && other !== other;\n  }\n\n  return baseIsEqualDeep(value, other, bitmask, customizer, baseIsEqual,\n    stack);\n}\n\nmodule.exports = baseIsEqual;","var SetCache = require('./_SetCache'),\n  arraySome = require('./_arraySome'),\n  cacheHas = require('./_cacheHas');\n/**\n * Used to compose bitmasks for value comparisons.\n *\n * \nvar COMPARE_PARTIAL_FLAG = 1,\n  COMPARE_UNORDERED_FLAG = 2;\n/**\n * A specialized version of `baseIsEqualDeep` for arrays with support for\n * partial deep comparisons.\n *\n * @private\n * @param {Array} array The array to compare.\n * @param {Array} other The other array to compare.\n * @param {number} bitmask The bitmask flags. See `baseIsEqual` for more details.\n * @param {Function} customizer The function to customize comparisons.\n * @param {Function} equalFunc The function to

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determine equivalents of values.\n * @param {Object} stack Tracks traversed `array` and `other` objects.\n *
@returns {boolean} Returns `true` if the arrays are equivalent, else `false`.\n */\n\nfunction equalArrays(array,
other, bitmask, customizer, equalFunc, stack) {\n  var isPartial = bitmask & COMPARE_PARTIAL_FLAG,\n  arrLength = array.length,\n  othLength = other.length;\n\n  if (arrLength !== othLength && !(isPartial &&
othLength > arrLength)) {\n    return false;\n  } // Assume cyclic values are equal.\n\n  var stacked =
stack.get(array);\n\n  if (stacked && stack.get(other)) {\n    return stacked === other;\n  }\n\n  var index = -1,\n  result = true,\n  seen = bitmask & COMPARE_UNORDERED_FLAG ? new SetCache() : undefined;\n\n  stack.set(array, other);\n  stack.set(other, array); // Ignore non-index properties.\n\n  while (++index < arrLength) {\n    var arrValue = array[index],\n        othValue = other[index];\n\n    if (customizer) {\n      var compared = isPartial ?
customizer(othValue, arrValue, index, other, array, stack) : customizer(arrValue, othValue, index, array, other,
stack);\n    }\n\n    if (compared !== undefined) {\n      if (compared) {\n        continue;\n      }\n\n      result = false;\n      break;\n    } // Recursively compare arrays (susceptible to call stack limits).\n\n    if (seen) {\n      if
(!arraySome(other, function (othValue, othIndex) {\n        if (!cacheHas(seen, othIndex) && (arrValue ===
othValue || equalFunc(arrValue, othValue, bitmask, customizer, stack))) {\n          return seen.push(othIndex);\n
        }\n      })) {\n        result = false;\n        break;\n      }\n    } else if (!(arrValue === othValue || equalFunc(arrValue,
othValue, bitmask, customizer, stack))) {\n      result = false;\n      break;\n    }\n  }\n\n  stack['delete'](array);\n
stack['delete'](other);\n  return result;\n}\n\nmodule.exports = equalArrays;","var baseGetAllKeys =
require('./_baseGetAllKeys'),\n  getSymbols = require('./_getSymbols'),\n  keys = require('./keys');\n\n/**\n *
Creates an array of own enumerable property names and symbols of `object`.\n * @private\n * @param
{Object} object The object to query.\n * @returns {Array} Returns the array of property names and symbols.\n
*/\n\nfunction getAllKeys(object) {\n  return baseGetAllKeys(object, keys, getSymbols);\n}\n\nmodule.exports =
getAllKeys;","var arrayPush = require('./_arrayPush'),\n  isArray = require('./isArray');\n\n/**\n * The base
implementation of `getAllKeys` and `getAllKeysIn` which uses\n * `keysFunc` and `symbolsFunc` to get the
enumerable property names and\n * symbols of `object`.\n * @private\n * @param {Object} object The object
to query.\n * @param {Function} keysFunc The function to get the keys of `object`.\n * @param {Function}
symbolsFunc The function to get the symbols of `object`.\n * @returns {Array} Returns the array of property names
and symbols.\n */\n\nfunction baseGetAllKeys(object, keysFunc, symbolsFunc) {\n  var result =
keysFunc(object);\n  return isArray(object) ? result : arrayPush(result, symbolsFunc(object));\n}\n\nmodule.exports
= baseGetAllKeys;","/**\n * This method returns a new empty array.\n * @static\n * @memberOf _\n * @since
4.13.0\n * @category Util\n * @returns {Array} Returns the new empty array.\n * @example\n *\n * var arrays =
_.times(2, _.stubArray);\n *\n * console.log(arrays);\n * // => [[], []]\n *\n * console.log(arrays[0] === arrays[1]);\n
* // => false\n */\n\nfunction stubArray() {\n  return [];\n}\n\nmodule.exports = stubArray;","var isObject =
require('./isObject');\n\n/**\n * Checks if `value` is suitable for strict equality comparisons, i.e. `===`.\n *
@private\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is suitable for
strict\n * equality comparisons, else `false`.\n */\n\nfunction isStrictComparable(value) {\n  return value ===
value && !isObject(value);\n}\n\nmodule.exports = isStrictComparable;","/**\n * A specialized version of
`matchesProperty` for source values suitable\n * for strict equality comparisons, i.e. `===`.\n * @private\n *
@param {string} key The key of the property to get.\n * @param {*} srcValue The value to match.\n * @returns
{Function} Returns the new spec function.\n */\n\nfunction matchesStrictComparable(key, srcValue) {\n  return
function (object) {\n    if (object == null) {\n      return false;\n    }\n\n    return object[key] === srcValue &&
(srcValue !== undefined || key in Object(object));\n  };\n}\n\nmodule.exports = matchesStrictComparable;","var
castPath = require('./_castPath'),\n  isArguments = require('./isArguments'),\n  isArray = require('./isArray'),\n
isIndex = require('./_isIndex'),\n  isLength = require('./isLength'),\n  toKey = require('./_toKey');\n\n/**\n * Checks
if `path` exists on `object`.\n * @private\n * @param {Object} object The object to query.\n * @param
{Array|string} path The path to check.\n * @param {Function} hasFunc The function to check properties.\n *
@returns {boolean} Returns `true` if `path` exists, else `false`.\n */\n\nfunction hasPath(object, path, hasFunc) {\n
path = castPath(path, object);\n  var index = -1,\n  length = path.length,\n  result = false;\n\n  while (++index <
length) {\n    var key = toKey(path[index]);\n\n    if (!(result = object != null && hasFunc(object, key))) {\n

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break;\n }\n\n object = object[key];\n }\n\n if (result || ++index !== length) {\n return result;\n }\n\n length =
object == null ? 0 : object.length;\n return !!length && isLength(length) && isIndex(key, length) &&
(isArray(object) || isArguments(object));\n }\n\nmodule.exports = hasPath;";\n/**\n * The base implementation of
`_.property` without support for deep paths.\n *\n * @private\n * @param {string} key The key of the property to
get.\n *\n * @returns {Function} Returns the new accessor function.\n */\nfunction baseProperty(key) {\n return
function (object) {\n return object == null ? undefined : object[key];\n };}\n\nmodule.exports =
baseProperty;";\n\nvar baseForRight = require('./_baseForRight'),\n keys = require('./keys');\n/**\n * The base
implementation of `_.forOwnRight` without support for iteratee shorthands.\n *\n * @private\n * @param {Object}
object The object to iterate over.\n * @param {Function} iteratee The function invoked per iteration.\n * @returns
{Object} Returns `object`.\n */\nfunction baseForOwnRight(object, iteratee) {\n return object &&
baseForRight(object, iteratee, keys);\n }\n\nmodule.exports = baseForOwnRight;";\n\nvar createBaseFor =
require('./_createBaseFor');\n/**\n * This function is like `baseFor` except that it iterates over properties\n * in the
opposite order.\n *\n * @private\n * @param {Object} object The object to iterate over.\n * @param {Function}
iteratee The function invoked per iteration.\n * @param {Function} keysFunc The function to get the keys of
`object`.\n *\n * @returns {Object} Returns `object`.\n */\n\nvar baseForRight =
createBaseFor(true);\nmodule.exports = baseForRight;";\n\nvar arrayFilter = require('./_arrayFilter'),\n isFunction =
require('./isFunction');\n/**\n * The base implementation of `_.functions` which creates an array of\n * `object`
function property names filtered from `props`.\n *\n * @private\n * @param {Object} object The object to
inspect.\n * @param {Array} props The property names to filter.\n *\n * @returns {Array} Returns the function
names.\n */\nfunction baseFunctions(object, props) {\n return arrayFilter(props, function (key) {\n return
isFunction(object[key]);\n });}\n\nmodule.exports = baseFunctions;";\n\nvar baseInverter =
require('./_baseInverter');\n/**\n * Creates a function like `_.invertBy`.\n *\n * @private\n * @param {Function}
setter The function to set accumulator values.\n * @param {Function} toIteratee The function to resolve iteratees.\n
*\n * @returns {Function} Returns the new inverter function.\n */\nfunction createInverter(setter, toIteratee) {\n
return function (object, iteratee) {\n return baseInverter(object, setter, toIteratee(iteratee), {});\n
};}\n\nmodule.exports = createInverter;";\n\nvar baseGet = require('./_baseGet'),\n baseSlice =
require('./_baseSlice');\n/**\n * Gets the parent value at `path` of `object`.\n *\n * @private\n * @param {Object}
object The object to query.\n * @param {Array} path The path to get the parent value of.\n *\n * @returns {*} Returns
the parent value.\n */\nfunction parent(object, path) {\n return path.length < 2 ? object : baseGet(object,
baseSlice(path, 0, -1));\n }\n\nmodule.exports = parent;";\n\n/**\n * A specialized version of `_.forEach` for arrays
without support for\n * iteratee shorthands.\n *\n * @private\n * @param {Array} [array] The array to iterate
over.\n * @param {Function} iteratee The function invoked per iteration.\n *\n * @returns {Array} Returns `array`.\n
*/\nfunction arrayEach(array, iteratee) {\n var index = -1,\n length = array == null ? 0 : array.length;\n\n while
(++index < length) {\n if (iteratee(array[index], index, array) === false) {\n break;\n }\n }\n\n return
array;\n }\n\nmodule.exports = arrayEach;";\n\nvar arrayPush = require('./_arrayPush'),\n getPrototype =
require('./_getPrototype'),\n getSymbols = require('./_getSymbols'),\n stubArray = require('./_stubArray');\n\nBuilt-in method references for those with the same name as other `lodash` methods. *\n\nvar nativeGetSymbols =
Object.getOwnPropertySymbols;\n/**\n * Creates an array of the own and inherited enumerable symbols of
`object`.\n *\n * @private\n * @param {Object} object The object to query.\n *\n * @returns {Array} Returns the array
of symbols.\n */\n\nvar getSymbolsIn = !nativeGetSymbols ? stubArray : function (object) {\n var result = [];\n\n while (object) {\n arrayPush(result, getSymbols(object));\n object = getPrototype(object);\n }\n\n return
result;\n }\n\nmodule.exports = getSymbolsIn;";\n\nvar arrayMap = require('./_arrayMap'),\n baseIteratee =
require('./_baseIteratee'),\n basePickBy = require('./_basePickBy'),\n getAllKeysIn =
require('./_getAllKeysIn');\n/**\n * Creates an object composed of the `object` properties `predicate` returns\n *
truthy for. The predicate is invoked with two arguments: (value, key).\n *\n * @static\n * @memberOf _\n * @since
4.0.0\n * @category Object\n * @param {Object} object The source object.\n * @param {Function}
[predicate=_identity] The function invoked per property.\n *\n * @returns {Object} Returns the new object.\n *\n
@example\n *\n * var object = { 'a': 1, 'b': 2, 'c': 3 };\n *\n * _.pickBy(object, _.isNumber);\n * // => { 'a': 1, 'c': 3

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}\n *\n\nfunction pickBy(object, predicate) {\n  if (object == null) {\n    return {};\n  }\n\n  var props =
arrayMap(getAllKeysIn(object), function (prop) {\n    return [prop];\n  });\n  predicate = baseIteratee(predicate);\n  return basePickBy(object, props, function (value, path) {\n    return predicate(value, path[0]);\n
});\n}\n\nmodule.exports = pickBy;"},"var baseGet = require('./_baseGet'),\n  baseSet = require('./_baseSet'),\n  castPath = require('./_castPath');\n/**\n * The base implementation of `_.pickBy` without support for iteratee
shorthands.\n *\n * @private\n * @param {Object} object The source object.\n * @param {string[]} paths The
property paths to pick.\n * @param {Function} predicate The function invoked per property.\n * @returns {Object}
Returns the new object.\n *\n\nfunction basePickBy(object, paths, predicate) {\n  var index = -1,\n    length =
paths.length,\n    result = {};\n\n  while (++index < length) {\n    var path = paths[index],\n        value =
baseGet(object, path);\n\n    if (predicate(value, path)) {\n      baseSet(result, castPath(path, object), value);\n    }\n
}\n\n  return result;\n}\n\nmodule.exports = basePickBy;"},"var baseGet = require('./_baseGet'),\n  baseSet =
require('./_baseSet');\n/**\n * The base implementation of `_.update`.\n *\n * @private\n * @param {Object} object
The object to modify.\n * @param {Array|string} path The path of the property to update.\n * @param {Function}
updater The function to produce the updated value.\n * @param {Function} [customizer] The function to customize
path creation.\n * @returns {Object} Returns `object`.\n *\n\nfunction baseUpdate(object, path, updater,
customizer) {\n  return baseSet(object, path, updater(baseGet(object, path)), customizer);\n}\n\nmodule.exports =
baseUpdate;"},"var arrayMap = require('./_arrayMap');\n/**\n * The base implementation of `_.values` and
`_.valuesIn` which creates an\n * array of `object` property values corresponding to the property names\n * of
`props`.\n *\n * @private\n * @param {Object} object The object to query.\n * @param {Array} props The
property names to get values for.\n * @returns {Object} Returns the array of property values.\n *\n\nfunction
baseValues(object, props) {\n  return arrayMap(props, function (key) {\n    return object[key];\n
});\n}\n\nmodule.exports = baseValues;"},"/**\n * The base implementation of `_.isNaN` without support for
number objects.\n *\n * @private\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true`
if `value` is `NaN`, else `false`.\n *\n\nfunction baseIsNaN(value) {\n  return value !== value;\n}\n\nmodule.exports
= baseIsNaN;"},"/**\n * Gets the first element of `array`.\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n *
@alias first\n * @category Array\n * @param {Array} array The array to query.\n * @returns {*} Returns the first
element of `array`.\n * @example\n *\n * _head([1, 2, 3]);\n * // => 1\n *\n * _head([]);\n * // => undefined\n
*\n\nfunction head(array) {\n  return array && array.length ? array[0] : undefined;\n}\n\nmodule.exports =
head;"},"var basePullAll = require('./_basePullAll');\n/**\n * This method is like `_.pull` except that it accepts an
array of values to remove.\n *\n * **Note:** Unlike `_.difference`, this method mutates `array`.\n *\n * @static\n *
@memberOf _\n * @since 4.0.0\n * @category Array\n * @param {Array} array The array to modify.\n * @param {Array}
values The values to remove.\n * @returns {Array} Returns `array`.\n * @example\n *\n * var array = ['a',
'b', 'c', 'a', 'b', 'c'];\n *\n * _pullAll(array, ['a', 'c']);\n * console.log(array);\n * // => ['b', 'b']\n *\n\nfunction
pullAll(array, values) {\n  return array && array.length && values && values.length ? basePullAll(array, values) :
array;\n}\n\nmodule.exports = pullAll;"},"var baseUnset = require('./_baseUnset'),\n  isIndex =
require('./_isIndex');\n/**\n * Used for built-in method references. *\n\nvar arrayProto = Array.prototype;\n/**\n * Built-
in value references. *\n\nvar splice = arrayProto.splice;\n/**\n * The base implementation of `_.pullAt` without
support for individual\n * indexes or capturing the removed elements.\n *\n * @private\n * @param {Array} array
The array to modify.\n * @param {number[]} indexes The indexes of elements to remove.\n * @returns {Array}
Returns `array`.\n *\n\nfunction basePullAt(array, indexes) {\n  var length = array ? indexes.length : 0,\n
lastIndex = length - 1;\n\n  while (length-- > 0) {\n    var index = indexes[length];\n\n    if (length == lastIndex || index
!== previous) {\n      var previous = index;\n\n      if (isIndex(index)) {\n        splice.call(array, index, 1);\n      } else
{\n        baseUnset(array, index);\n      }\n    }\n  }\n\n  return array;\n}\n\nmodule.exports = basePullAt;"},"var eq =
require('./_eq');\n/**\n * The base implementation of `_.sortedUniq` and `_.sortedUniqBy` without\n * support for
iteratee shorthands.\n *\n * @private\n * @param {Array} array The array to inspect.\n * @param {Function}
[iteratee] The iteratee invoked per element.\n * @returns {Array} Returns the new duplicate free array.\n
*\n\nfunction baseSortedUniq(array, iteratee) {\n  var index = -1,\n    length = array.length,\n    resIndex = 0,\n
result = [];\n\n  while (++index < length) {\n    var value = array[index],\n        computed = iteratee ?

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iteratee(value) : value;\n\n if (!index || !eq(computed, seen)) {\n   var seen = computed;\n   result[resIndex++]
= value === 0 ? 0 : value;\n } \n } \n\n return result;\n}\n\nmodule.exports = baseSortedUniq;","var apply =
require('./_apply'),\n arrayMap = require('./_arrayMap'),\n unzip = require('./unzip');\n/**\n * This method is like
`_unzip` except that it accepts `iteratee` to specify\n * how regrouped values should be combined. The iteratee is
invoked with the\n * elements of each group: (...group).\n * \n * @static\n * @memberOf _\n * @since 3.8.0\n *
@category Array\n * @param {Array} array The array of grouped elements to process.\n * @param {Function}
[iteratee=_identity] The function to combine\n * regrouped values.\n * @returns {Array} Returns the new array of
regrouped elements.\n * @example\n *\n * var zipped = _zip([1, 2], [10, 20], [100, 200]);\n * // => [[1, 10, 100], [2,
20, 200]]\n *\n * _unzipWith(zipped, _add);\n * // => [3, 30, 300]\n *\n\nfunction unzipWith(array, iteratee) {\n
if (!(array && array.length)) {\n   return [];\n }\n\n var result = unzip(array);\n if (iteratee == null) {\n   return
result;\n }\n\n return arrayMap(result, function (group) {\n   return apply(iteratee, undefined, group);\n
});\n}\n\nmodule.exports = unzipWith;","/**\n * This base implementation of `_zipObject` which assigns values
using `assignFunc`.\n * \n * @private\n * @param {Array} props The property identifiers.\n * @param {Array}
values The property values.\n * @param {Function} assignFunc The function to assign values.\n * @returns
{Object} Returns the new object.\n *\n\nfunction baseZipObject(props, values, assignFunc) {\n   var index = -1,\n   length = props.length,\n   valsLength = values.length,\n   result = {};\n\n   while (++index < length) {\n     var
value = index < valsLength ? values[index] : undefined;\n     assignFunc(result, props[index], value);\n   }\n\n   return
result;\n}\n\nmodule.exports = baseZipObject;","use strict;\n\n\n * Copyright 2015, Yahoo! Inc.\n * Copyrights
licensed under the New BSD License. See the accompanying LICENSE file for terms.\n *\n\nvar ReactIs =
require('react-is');\n\nvar React = require('react');\n\nvar REACT_STATICS = {\n   childContextTypes: true,\n
contextType: true,\n   contextTypes: true,\n   defaultProps: true,\n   displayName: true,\n   getDefaultProps: true,\n
   getDerivedStateFromProps: true,\n   mixins: true,\n   propTypes: true,\n   type: true\n};\n\nvar KNOWN_STATICS =
{\n   name: true,\n   length: true,\n   prototype: true,\n   caller: true,\n   callee: true,\n   arguments: true,\n   arity:
true\n};\n\nvar FORWARD_REF_STATICS = {\n   '$$typeof': true,\n   render: true\n};\n\nvar TYPE_STATICS =
{\n};\n\nTYPE_STATICS[ReactIs.ForwardRef] = FORWARD_REF_STATICS;\n\nvar defineProperty =
Object.defineProperty;\n\nvar getOwnPropertyNames = Object.getOwnPropertyNames;\n\nvar
getOwnPropertySymbols = Object.getOwnPropertySymbols;\n\nvar getOwnPropertyDescriptor =
Object.getOwnPropertyDescriptor;\n\nvar getPrototypeOf = Object.getPrototypeOf;\n\nvar objectPrototype =
Object.prototype;\n\nfunction hoistNonReactStatics(targetComponent, sourceComponent, blacklist) {\n   if (typeof
sourceComponent !== 'string') {\n     // don't hoist over string (html) components\n     if (objectPrototype) {\n       var
inheritedComponent = getPrototypeOf(sourceComponent);\n\n       if (inheritedComponent && inheritedComponent
!== objectPrototype) {\n         hoistNonReactStatics(targetComponent, inheritedComponent, blacklist);\n       }\n     }\n   }\n\n   var keys = getOwnPropertyNames(sourceComponent);\n\n   if (getOwnPropertySymbols) {\n     keys =
keys.concat(getOwnPropertySymbols(sourceComponent));\n   }\n\n   var targetStatics =
TYPE_STATICS[targetComponent['$$typeof']] || REACT_STATICS;\n   var sourceStatics =
TYPE_STATICS[sourceComponent['$$typeof']] || REACT_STATICS;\n\n   for (var i = 0; i < keys.length; ++i) {\n     var
key = keys[i];\n\n     if (!KNOWN_STATICS[key] && !(blacklist && blacklist[key]) && !(sourceStatics &&
sourceStatics[key]) && !(targetStatics && targetStatics[key])) {\n       var descriptor =
getOwnPropertyDescriptor(sourceComponent, key);\n\n       try {\n         // Avoid failures from read-only
properties\n         defineProperty(targetComponent, key, descriptor);\n       } catch (e) {} \n     }\n   }\n\n   return
targetComponent;\n }\n\n return targetComponent;\n}\n\nmodule.exports = hoistNonReactStatics;","export default
function symbolObservablePonyfill(root) {\n   var result;\n   var Symbol = root.Symbol;\n\n   if (typeof Symbol ===
'function') {\n     if (Symbol.observable) {\n       result = Symbol.observable;\n     } else {\n       result =
Symbol('observable');\n       Symbol.observable = result;\n     }\n   } else {\n     result = '@@observable';\n   }\n\n   return
result;\n}\n\n","/**\n * This method returns `false`.\n * \n * @static\n * @memberOf _\n * @since 4.13.0\n *
@category Util\n * @returns {boolean} Returns `false`.\n * @example\n *\n * _._times(2, _._stubFalse);\n * // =>
[false, false]\n *\n\nfunction stubFalse() {\n   return false;\n}\n\n\nexport default stubFalse;","import root from
'./_root.js';\n\n\n * Detect free variable `exports`.\n *\n\nvar freeExports = typeof exports === 'object' && exports &&

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!exports.nodeType && exports;\n/** Detect free variable `module` . *\n\nvar freeModule = freeExports && typeof
module == 'object' && module && !module.nodeType && module;\n/** Detect the popular CommonJS extension
`module.exports` . *\n\nvar moduleExports = freeModule && freeModule.exports === freeExports;\n/** Built-in
value references. *\n\nvar Buffer = moduleExports ? root.Buffer : undefined,\n    allocUnsafe = Buffer ?
Buffer.allocUnsafe : undefined;\n/**\n * Creates a clone of `buffer`.\n * @private\n * @param {Buffer} buffer
The buffer to clone.\n * @param {boolean} [isDeep] Specify a deep clone.\n * @returns {Buffer} Returns the
cloned buffer.\n */\nfunction cloneBuffer(buffer, isDeep) {\n  if (isDeep) {\n    return buffer.slice();\n  }\n  var
length = buffer.length,\n      result = allocUnsafe ? allocUnsafe(length) : new buffer.constructor(length);\n  buffer.copy(result);\n  return result;\n}\n\nexport default cloneBuffer;,"!function (e, t) {\n  "object" == typeof
exports && "object" == typeof module ? module.exports = t(require("react")) : "function" == typeof define &&
define.amd ? define(["react"], t) : "object" == typeof exports ? exports.reactJsonView = t(require("react")) :
e.reactJsonView = t(e.React);\n}("undefined" != typeof self ? self : this, function (e) {\n  return function (e) {\n
function t(r) {\n    if (n[r]) return n[r].exports;\n    var a = n[r] = {\n      i: r,\n      l: !1,\n      exports: {}
};\n    return e[r].call(a.exports, a, a.exports, t), a.l = !0, a.exports;\n  }\n  var n = {};\n  return t.m = e, t.c = n,
t.d = function (e, n, r) {\n    t.o(e, n) || Object.defineProperty(e, n, {\n      configurable: !1,\n      enumerable: !0,\n
      get: r\n    });\n  }, t.n = function (e) {\n    var n = e && e.__esModule ? function () {\n      return e.default;\n
    } : function () {\n      return e;\n    }; return t.d(n, "a", n), n;\n  }, t.o = function (e, t) {\n    return
Object.prototype.hasOwnProperty.call(e, t);\n  }, t.p = "", t(t.s = 60);\n}([function (t, n) {\n  t.exports = e;\n},
function (e, t, n) {\n  "use strict";\n  function r(e, t, n) {\n    return e || console.error("theme has not been
set"), f(e)(t, n);\n  }\n  Object.defineProperty(t, "__esModule", {\n    value: !0\n });\n  var a =
Object.assign || function (e) {\n    for (var t = 1; t < arguments.length; t++) {\n      var n = arguments[t];\n
for (var r in n) {\n      Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n    }\n  }\n  return
e;\n  }\n  t.default = r;\n  var o = n(64),\n      i = n(65),\n      s = function (e) {\n    return e &&
e.__esModule ? e : {\n      default: e\n    };(i),\n      u = n(66),\n      l = function l(e) {\n    return {\n
backgroundColor: e.base00,\n      ellipsisColor: e.base09,\n      braceColor: e.base07,\n      expandedIcon:
e.base0D,\n      collapsedIcon: e.base0E,\n      keyColor: e.base07,\n      arrayKeyColor: e.base0C,\n
objectSize: e.base04,\n      copyToClipboard: e.base0F,\n      copyToClipboardCheck: e.base0D,\n
objectBorder: e.base02,\n      dataTypes: {\n        boolean: e.base0E,\n        date: e.base0D,\n        float:
e.base0B,\n        function: e.base0D,\n        integer: e.base0F,\n        string: e.base09,\n        nan: e.base08,\n
null: e.base0A,\n        undefined: e.base05,\n        regexp: e.base0A,\n        background: e.base02\n      },\n
editVariable: {\n        editIcon: e.base0E,\n        cancelIcon: e.base09,\n        removeIcon: e.base09,\n
addIcon: e.base0E,\n        checkIcon: e.base0E,\n        background: e.base01,\n        color: e.base0A,\n
border: e.base07\n      },\n      addKeyModal: {\n        background: e.base05,\n        border: e.base04,\n
color: e.base0A,\n        labelColor: e.base01\n      },\n      validationFailure: {\n        background: e.base09,\n
iconColor: e.base01,\n        fontColor: e.base01\n      }\n    };,\n      c = function c(e) {\n    var t = l(e);\n
return {\n      "app-container": {\n        fontFamily: s.default.globalFontFamily,\n        cursor:
s.default.globalCursor,\n        backgroundColor: t.backgroundColor,\n        position: "relative"\n      },\n
ellipsis: {\n        display: "inline-block",\n        color: t.ellipsisColor,\n        fontSize:
s.default.ellipsisFontSize,\n        lineHeight: s.default.ellipsisLineHeight,\n        cursor: s.default.ellipsisCursor\n
      },\n      "brace-row": {\n        display: "inline-block",\n        cursor: "pointer"\n      },\n      brace: {\n
display: "inline-block",\n        cursor: s.default.braceCursor,\n        fontWeight: s.default.braceFontWeight,\n
color: t.braceColor\n      },\n      "expanded-icon": {\n        color: t.expandedIcon\n      },\n      "collapsed-
icon": {\n        color: t.collapsedIcon\n      },\n      colon: {\n        display: "inline-block",\n        margin:
s.default.keyMargin,\n        color: t.keyColor,\n        verticalAlign: "top"\n      },\n      objectKeyVal: function
objectKeyVal(e, n) {\n    return {\n      style: a({\n        paddingTop: s.default.keyValPaddingTop,\n
paddingRight: s.default.keyValPaddingRight,\n        paddingBottom: s.default.keyValPaddingBottom,\n
borderLeft: s.default.keyValBorderLeft + " " + t.objectBorder,\n        ":hover": {\n          paddingLeft:
n.paddingLeft - 1 + "px",\n          borderLeft: s.default.keyValBorderHover + " " + t.objectBorder\n

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}\n      },n)\n      };\n      },\n      \"object-key-val-no-border\": {\n        padding: s.default.keyValPadding\n      },\n      \"pushed-content\": {\n        marginLeft: s.default.pushedContentMarginLeft\n      },\n      variableValue: function variableValue(e, t) {\n        return {\n          style: a({\n            display: \"inline-block\", \n            paddingRight: s.default.variableValuePaddingRight,\n            position: \"relative\" \n          }, t)\n        };\n      },\n      \"object-name\": {\n        display: \"inline-block\", \n        color: t.keyColor,\n        letterSpacing: s.default.keyLetterSpacing,\n        fontStyle: s.default.keyFontStyle,\n        verticalAlign: s.default.keyVerticalAlign,\n        opacity: s.default.keyOpacity,\n        \":hover\": {\n          opacity: s.default.keyOpacityHover\n        }\n      },\n      \"array-key\": {\n        display: \"inline-block\", \n        color: t.arrayKeyColor,\n        letterSpacing: s.default.keyLetterSpacing,\n        fontStyle: s.default.keyFontStyle,\n        verticalAlign: s.default.keyVerticalAlign,\n        opacity: s.default.keyOpacity,\n        \":hover\": {\n          opacity: s.default.keyOpacityHover\n        }\n      },\n      \"object-size\": {\n        color: t.objectSize,\n        borderRadius: s.default.objectSizeBorderRadius,\n        fontStyle: s.default.objectSizeFontStyle,\n        margin: s.default.objectSizeMargin,\n        cursor: \"default\" \n      },\n      \"data-type-label\": {\n        fontSize: s.default.dataTypeFontSize,\n        marginRight: s.default.dataTypeMarginRight,\n        opacity: s.default.datatypeOpacity\n      },\n      boolean: {\n        display: \"inline-block\", \n        color: t.dataTypes.boolean\n      },\n      date: {\n        display: \"inline-block\", \n        color: t.dataTypes.date\n      },\n      \"date-value\": {\n        marginLeft: s.default.dateValueMarginLeft\n      },\n      float: {\n        display: \"inline-block\", \n        color: t.dataTypes.float\n      },\n      function: {\n        display: \"inline-block\", \n        color: t.dataTypes.function,\n        cursor: \"pointer\", \n        whiteSpace: \"pre-line\" \n      },\n      \"function-value\": {\n        fontStyle: \"italic\" \n      },\n      integer: {\n        display: \"inline-block\", \n        color: t.dataTypes.integer\n      },\n      string: {\n        display: \"inline-block\", \n        color: t.dataTypes.string\n      },\n      nan: {\n        display: \"inline-block\", \n        color: t.dataTypes.nan,\n        fontSize: s.default.nanFontSize,\n        fontWeight: s.default.nanFontWeight,\n        backgroundColor: t.dataTypes.background,\n        padding: s.default.nanPadding,\n        borderRadius: s.default.nanBorderRadius\n      },\n      null: {\n        display: \"inline-block\", \n        color: t.dataTypes.null,\n        fontSize: s.default.nullFontSize,\n        fontWeight: s.default.nullFontWeight,\n        backgroundColor: t.dataTypes.background,\n        padding: s.default.nullPadding,\n        borderRadius: s.default.nullBorderRadius\n      },\n      undefined: {\n        display: \"inline-block\", \n        color: t.dataTypes.undefined,\n        fontSize: s.default.undefinedFontSize,\n        padding: s.default.undefinedPadding,\n        borderRadius: s.default.undefinedBorderRadius,\n        backgroundColor: t.dataTypes.background\n      },\n      regexp: {\n        display: \"inline-block\", \n        color: t.dataTypes.regexp\n      },\n      \"copy-to-clipboard\": {\n        cursor: s.default.clipboardCursor\n      },\n      \"copy-icon\": {\n        color: t.copyToClipboard,\n        fontSize: s.default.iconFontSize,\n        marginRight: s.default.iconMarginRight,\n        verticalAlign: \"top\" \n      },\n      \"copy-icon-copied\": {\n        color: t.copyToClipboardCheck,\n        marginLeft: s.default.clipboardCheckMarginLeft\n      },\n      \"array-group-meta-data\": {\n        display: \"inline-block\", \n        padding: s.default.arrayGroupMetaPadding\n      },\n      \"object-meta-data\": {\n        display: \"inline-block\", \n        padding: s.default.metaDataPadding\n      },\n      \"icon-container\": {\n        display: \"inline-block\", \n        width: s.default.iconContainerWidth\n      },\n      tooltip: {\n        padding: s.default.tooltipPadding\n      },\n      removeVarIcon: {\n        verticalAlign: \"top\", \n        display: \"inline-block\", \n        color: t.editVariable.removeIcon,\n        cursor: s.default.iconCursor,\n        fontSize: s.default.iconFontSize,\n        marginRight: s.default.iconMarginRight\n      },\n      addVarIcon: {\n        verticalAlign: \"top\", \n        display: \"inline-block\", \n        color: t.editVariable.addIcon,\n        cursor: s.default.iconCursor,\n        fontSize: s.default.iconFontSize,\n        marginRight: s.default.iconMarginRight\n      },\n      editVarIcon: {\n        verticalAlign: \"top\", \n        display: \"inline-block\", \n        color: t.editVariable.editIcon,\n        cursor: s.default.iconCursor,\n        fontSize: s.default.iconFontSize,\n        marginRight: s.default.iconMarginRight\n      },\n      \"edit-icon-container\": {\n        display: \"inline-block\", \n        verticalAlign: \"top\" \n      },\n      \"check-icon\": {\n        display: \"inline-block\", \n        cursor: s.default.iconCursor,\n        color: t.editVariable.checkIcon,\n        fontSize: s.default.iconFontSize,\n

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paddingRight: s.default.iconPaddingRight\n    },\n    \"cancel-icon\": {\n        display: \"inline-block\", \n
cursor: s.default.iconCursor,\n    color: t.editVariable.cancelIcon,\n    fontSize: s.default.iconFontSize,\n
paddingRight: s.default.iconPaddingRight\n    },\n    \"edit-input\": {\n        display: \"inline-block\", \n
minHeight: s.default.editInputHeight,\n    minWidth: s.default.editInputMinWidth,\n    borderRadius:
s.default.editInputBorderRadius,\n    backgroundColor: t.editVariable.background,\n    color:
t.editVariable.color,\n    padding: s.default.editInputPadding,\n    marginRight:
s.default.editInputMarginRight,\n    fontFamily: s.default.editInputFontFamily\n    },\n    \"detected-row\":
{\n        paddingTop: s.default.detectedRowPaddingTop\n    },\n    \"key-modal-request\": {\n        position:
s.default.addKeyCoverPosition,\n        top: s.default.addKeyCoverPositionPx,\n        left:
s.default.addKeyCoverPositionPx,\n        right: s.default.addKeyCoverPositionPx,\n        bottom:
s.default.addKeyCoverPositionPx,\n        backgroundColor: s.default.addKeyCoverBackground\n    },\n
\"key-modal\": {\n        width: s.default.addKeyModalWidth,\n        backgroundColor:
t.addKeyModal.background,\n        marginLeft: s.default.addKeyModalMargin,\n        marginRight:
s.default.addKeyModalMargin,\n        padding: s.default.addKeyModalPadding,\n        borderRadius:
s.default.addKeyModalRadius,\n        marginTop: \"15px\", \n        position: \"relative\" \n    },\n    \"key-
modal-label\": {\n        color: t.addKeyModal.labelColor,\n        marginLeft: \"2px\", \n        marginBottom:
\"5px\", \n        fontSize: \"11px\" \n    },\n    \"key-modal-input-container\": {\n        overflow: \"hidden\" \n
},\n    \"key-modal-input\": {\n        width: \"100%\", \n        padding: \"3px 6px\", \n        fontFamily:
\"monospace\", \n        color: t.addKeyModal.color,\n        border: \"none\", \n        boxSizing: \"border-box\", \n
borderRadius: \"2px\" \n    },\n    \"key-modal-cancel\": {\n        backgroundColor:
t.editVariable.removeIcon,\n        position: \"absolute\", \n        top: \"0px\", \n        right: \"0px\", \n
borderRadius: \"0px 3px 0px 3px\", \n        cursor: \"pointer\" \n    },\n    \"key-modal-cancel-icon\": {\n
color: t.addKeyModal.labelColor,\n        fontSize: s.default.iconFontSize,\n        transform: \"rotate(45deg)\" \n
},\n    \"key-modal-submit\": {\n        color: t.editVariable.addIcon,\n        fontSize: s.default.iconFontSize,\n
position: \"absolute\", \n        right: \"2px\", \n        top: \"3px\", \n        cursor: \"pointer\" \n    },\n
\"function-ellipsis\": {\n        display: \"inline-block\", \n        color: t.ellipsisColor,\n        fontSize:
s.default.ellipsisFontSize,\n        lineHeight: s.default.ellipsisLineHeight,\n        cursor: s.default.ellipsisCursor\n
},\n    \"validation-failure\": {\n        float: \"right\", \n        padding: \"3px 6px\", \n        borderRadius:
\"2px\", \n        cursor: \"pointer\", \n        color: t.validationFailure.fontColor,\n        backgroundColor:
t.validationFailure.background\n    },\n    \"validation-failure-label\": {\n        marginRight: \"6px\" \n    },\n
\"validation-failure-clear\": {\n        position: \"relative\", \n        verticalAlign: \"top\", \n        cursor:
\"pointer\", \n        color: t.validationFailure.iconColor,\n        fontSize: s.default.iconFontSize,\n        transform:
\"rotate(45deg)\" \n    } \n    },\n    f = function f(e) {\n        var t = o.rjv_default;\n        return !1 !== e &&
\"none\" !== e || (t = o.rjv_grey), (0, u.createStyling)(c, {\n        defaultBase16: t\n    })(e);\n    },\n    function (e, t)
{\n        var n = e.exports = {\n        version: \"2.5.7\" \n    }; \n    \"number\" == typeof __e && (__e = n); \n    }, \n    function
(e, t, n) {\n        var r = n(32)(\"wks\"), \n        a = n(23), \n        o = n(5).Symbol, \n        i = \"function\" ==
typeof o; \n    (e.exports = function (e) {\n        return r[e] || (r[e] = i && o[e] || (i ? o : a)(\"Symbol.\" + e)); \n    }).store = r; \n    },
function (e, t, n) {\n        \"use strict\"; \n    function r(e) {\n        var t = a(e); \n        return \"number\" === t && (t =
isNaN(e) ? \"nan\" : (0 | e) != e ? \"float\" : \"integer\"), t; \n    } \n    function a(e) {\n        return
{}.toString.call(e).match(/\\s([a-zA-Z]+)/)[1].toLowerCase(); \n    } \n    function o(e) {\n        var t = [\"base00\",
\"base01\", \"base02\", \"base03\", \"base04\", \"base05\", \"base06\", \"base07\", \"base08\", \"base09\", \"base0A\",
\"base0B\", \"base0C\", \"base0D\", \"base0E\", \"base0F\"]; \n    if (!\"object\" === r(e)) {\n        for (var n = 0; n
< t.length; n++) {\n            if (!(t[n] in e)) return !1; \n        } \n    } \n    return !0; \n    } \n    function !1; \n    } \n    Object.defineProperty(t, \"__esModule\", {\n        value: !0 \n    }), t.toType = r, t.isTheme = o; \n    }, \n    function (e, t) {\n        var n = e.exports = \"undefined\" !=
typeof window && window.Math == Math ? window : \"undefined\" !=
typeof self && self.Math == Math ? self : Function(\"return this\")(); \n    \"number\" ==
typeof __g && (__g = n); \n    }, \n    function (e, t, n) {\n        \"use strict\"; \n    function r(e) {\n        return e && e.__esModule ? e : {\n        default: e \n    }; \n    } \n    function a(e, t) {\n        if (!(e instanceof t)) throw new
TypeError(\"Cannot call a class as a

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function\");\n  }\n\n  function o(e, t) {\n    if (!e) throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n    return !t || \"object\" != typeof t && \"function\" != typeof t ? e : t;\n  }\n\n  function i(e, t) {\n    if (\"function\" != typeof t && null !== t) throw new TypeError("Super expression must either be null or a function, not \" + typeof t);\n    e.prototype = Object.create(t && t.prototype, {\n      constructor: {\n        value: e,\n        enumerable: !1,\n        writable: !0,\n        configurable: !0\n      }\n    });\n    Object.defineProperty(t, \"__esModule\", {\n      value: !0\n    });\n    var s = Object.assign || function (e) {\n      for (var t = 1; t < arguments.length; t++) {\n        var n = arguments[t];\n\n        for (var r in n) {\n          Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n        }\n      }\n      return e;\n    },\n    u = function () {\n      function e(e, t) {\n        for (var n = 0; n < t.length; n++) {\n          var r = t[n];\n          r.enumerable = r.enumerable || !1, r.configurable = !0, \"value\" in r && (r.writable = !0), Object.defineProperty(e, r.key, r);\n        }\n      }\n      return function (t, n, r) {\n        return n && e(t.prototype, n), r && e(t, r), t;\n      };\n    },\n    l = n(0),\n    c = r(l),\n    f = n(1),\n    d = r(f),\n    p = function (e) {\n      function t() {\n        return a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments));\n      }\n      return i(t, e), u(t, [{\n        key: \"render\", \n        value: function value() {\n          var e = this.props,\n              t = (e.rjvId, e.type_name),\n              n = e.displayDataTypes,\n              r = e.theme;\n          return n ? c.default.createElement(\"span\", s({\n            className: \"data-type-label\" \n          }, (0, d.default)(r, \"data-type-label\")), t) : null;\n        } \n      }], t); \n    }(c.default.PureComponent);\n\n    t.default = p;\n  }, function (e, t) {\n    var n = {} \n    .hasOwnProperty;\n    e.exports = function (e, t) {\n      return n.call(e, t);\n    }; \n  }, function (e, t, n) {\n    var r = n(9),\n        a = n(22);\n    e.exports = n(10) ? function (e, t, n) {\n      return r.f(e, t, a(1, n));\n    } : function (e, t, n) {\n      return e[t] = n, e;\n    }; \n  }, function (e, t, n) {\n    var r = n(16),\n        a = n(44),\n        o = n(29),\n        i = Object.defineProperty;\n    t.f = n(10) ? Object.defineProperty : function (e, t, n) {\n      if (r(e), t = o(t, !0), r(n), a) try {\n        return i(e, t, n);\n      } catch (e) {\n        if (\"get\" in n || \"set\" in n) throw\n          TypeError("Accessors not supported!");\n        return \"value\" in n && (e[t] = n.value), e;\n      }\n    }, function (e, t, n) {\n      e.exports = !n(11)(function () {\n        return 7 != Object.defineProperty({}, \"a\", {\n          get: function get() {\n            return 7;\n          }\n        }).a;\n      });\n    }, function (e, t) {\n      e.exports = function (e) {\n        try {\n          return !!e();\n        } catch (e) {\n          return !0;\n        }\n      }; \n    }, function (e, t, n) {\n      var r = n(49),\n          a = n(28);\n      e.exports = function (e) {\n        return r(a(e));\n      }; \n    }, function (e, t, n) {\n      \"use strict\";\n      function r(e) {\n        if (Array.isArray(e)) {\n          for (var t = 0, n = Array(e.length); t < e.length; t++) {\n            n[t] = e[t];\n          }\n          return n;\n        }\n        return Array.from(e);\n      }\n      function a(e, t) {\n        if (!(e instanceof t)) throw new TypeError("Cannot call a class as a function");\n      }\n      function o(e, t) {\n        if (!e) throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n        return !t || \"object\" != typeof t && \"function\" != typeof t ? e : t;\n      }\n      function i(e, t) {\n        if (\"function\" != typeof t && null !== t) throw new TypeError("Super expression must either be null or a function, not \" + typeof t);\n        e.prototype = Object.create(t && t.prototype, {\n          constructor: {\n            value: e,\n            enumerable: !1,\n            writable: !0,\n            configurable: !0\n          }\n        });\n        Object.defineProperty(t, \"__esModule\", {\n          value: !0\n        });\n        var s = Object.assign || function (e) {\n          for (var t = 1; t < arguments.length; t++) {\n            var n = arguments[t];\n\n            for (var r in n) {\n              Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n            }\n          }\n          return e;\n        },\n        u = n(161),\n        l = n(14),\n        c = function (e) {\n          return e && e.__esModule ? e : {\n            default: e\n          }; \n        }(l),\n        f = n(4),\n        d = function (e) {\n          function t() {\n            var e, n, i, u;\n            a(this, t);\n            for (var l = arguments.length, c = Array(l), d = 0; d < l; d++) {\n              c[d] = arguments[d];\n            }\n            return n = i = o(this, (e = t.__proto__ || Object.getPrototypeOf(t)).call.apply(e, [this].concat(c))), i.objects = {}, i.set = function (e, t, n, r) {\n              void 0 === i.objects[e] && (i.objects[e] = {}), void 0 === i.objects[e][t] && (i.objects[e][t] = {}), i.objects[e][t][n] = r;\n            }, i.get = function (e, t, n, r) {\n              return void 0 === i.objects[e] || void 0 === i.objects[e][t] || void 0 === i.objects[e][t][n] ? r : i.objects[e][t][n];\n            }, i.handleAction = function (e) {\n              var t = e.rjvId,\n                  n = e.data;\n              switch (e.name) {\n                case \"RESET\":\n                  i.emit("reset-\" + t);\n                  break;\n                case \"VARIABLE_UPDATED\":\n                  e.data.updated_src = i.updateSrc(t, n), i.set(t, \"action\", \"variable-update\", s({}, n, {\n                    type: \"variable-edited\" \n                  })), i.emit("variable-

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update-\( + t);\n          break;\n\n          case \"VARIABLE_REMOVED\":\n            e.data.updated_src =
i.updateSrc(t, n), i.set(t, \"action\", \"variable-update\", s({, n, {\n          type: \"variable-removed\"\n
})), i.emit(\"variable-update-\( + t);\n          break;\n\n          case \"VARIABLE_ADDED\":\n
e.data.updated_src = i.updateSrc(t, n), i.set(t, \"action\", \"variable-update\", s({, n, {\n          type: \"variable-
added\"\n          })), i.emit(\"variable-update-\( + t);\n          break;\n\n          case
\"ADD_VARIABLE_KEY_REQUEST\":\n            i.set(t, \"action\", \"new-key-request\", n), i.emit(\"add-key-
request-\( + t);\n          }\n        }, i.updateSrc = function (e, t) {\n          var n = t.name,\n          a = t.namespace,\n          o = t.new_value,\n          s = (t.existing_value, t.variable_removed);\n          a.shift();\n          var u = i.get(e,
\"global\", \"src\"),\n          l = i.deepCopy(u, [].concat(r(a))),\n          c = l,\n          d = !0,\n          p = !1,\n          b = void 0;\n\n          try {\n            for (var h, y = a[Symbol.iterator](); !(d = (h = y.next()).done); d = !0) {\n
              c = c[h.value];\n            }\n          } catch (e) {\n            p = !0, b = e;\n          } finally {\n            try {\n
!d && y.return && y.return();\n            } finally {\n              if (p) throw b;\n            }\n          }\n\n          return s ?
\"array\" == (0, f.toType)(c) ? c.splice(n, 1) : delete c[n] : null !== n ? c[n] = o : l = o, i.set(e, \"global\", \"src\", l),
l;\n        }, i.deepCopy = function (e, t) {\n          var n = (0, f.toType)(e),\n          a = void 0,\n          o =
t.shift();\n          return \"array\" == n ? a = [].concat(r(e)) : \"object\" == n && (a = s({, e)), void 0 !== o && (a[o]
= i.deepCopy(e[o], t)), a;\n        }, u = n, o(i, u);\n      }\n\n      return i(t, e), t;\n    }(u.EventEmitter),\n    p = new
d);\n    c.default.register(p.handleAction.bind(p)), t.default = p;\n  }, function (e, t, n) {\n    \"use strict\";\n\n    Object.defineProperty(t, \"__esModule\", {\n      value: !0\n    });\n    var r = n(162),\n    a = new r.Dispatcher();\n    t.default = a;\n  }, function (e, t, n) {\n    \"use strict\";\n\n    function r(e, t) {\n      var n = {};\n\n      for (var r in e)
{\n        t.indexOf(r) >= 0 || Object.prototype.hasOwnProperty.call(e, r) && (n[r] = e[r]);\n      }\n\n      return n;\n    }\n\n    function a(e, t) {\n      if (!(e instanceof t)) throw new TypeError(\"Cannot call a class as a function\");\n    }\n\n    function o(e, t) {\n      if (!e) throw new ReferenceError(\"this hasn't been initialised - super() hasn't been
called\");\n      return !t || \"object\" != typeof t && \"function\" != typeof t ? e : t;\n    }\n\n    function i(e, t) {\n      if
(\"function\" != typeof t && null !== t) throw new TypeError(\"Super expression must either be null or a function,
not \" + typeof t);\n      e.prototype = Object.create(t && t.prototype, {\n        constructor: {\n          value: e,\n
enumerable: !1,\n          writable: !0,\n          configurable: !0\n        }\n      });\n      t && (Object.setPrototypeOf ?
Object.setPrototypeOf(e, t) : e.__proto__ = t);\n    }\n\n    function s(e) {\n      return e || (e = {}), {\n      style: u({\n
verticalAlign: \"middle\",\n      }, e, {\n        color: e.color ? e.color : d,\n        height: \"1em\",\n        width:
\"1em\"\n      });\n    }\n\n    Object.defineProperty(t, \"__esModule\", {\n      value: !0\n    });\n    t.CheckCircle
= t.Edit = t.Add = t.AddCircle = t.RemoveCircle = t.Clippy = t.ArrowDown = t.ArrowRight = t.SquarePlus =
t.SquareMinus = t.CirclePlus = t.CircleMinus = void 0;\n\n    var u = Object.assign || function (e) {\n      for (var t =
1; t < arguments.length; t++) {\n        var n = arguments[t];\n\n        for (var r in n) {\n
          Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n        }\n      }\n\n      return e;\n    },\n    l =
function () {\n      function e(e, t) {\n        for (var n = 0; n < t.length; n++) {\n          var r = t[n];\n\n
          r.enumerable = r.enumerable || !1, r.configurable = !0, \"value\" in r && (r.writable = !0), Object.defineProperty(e,
r.key, r);\n        }\n      }\n\n      return function (t, n, r) {\n        return n && e(t.prototype, n), r && e(t, r), t;\n      };\n    }(),\n    c = n(0),\n    f = function (e) {\n      return e && e.__esModule ? e : {\n        default: e\n      };\n    }
(c),\n    d = \"#000000\";\n\n    t.CircleMinus = function (e) {\n      function t() {\n        return a(this, t), o(this,
(t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments));\n      }\n\n      return i(t, e), l(t, [{\n        key:
\"render\",\n        value: function value() {\n          var e = this.props,\n          t = e.style,\n          n = r(e,
[\"style\"]);\n          return f.default.createElement(\"span\", n, f.default.createElement(\"svg\", u({, s(t), {\n
viewBox: \"0 0 24 24\"),\n          fill: \"currentColor\",,\n          preserveAspectRatio: \"xMidYMid meet\"\n
}), f.default.createElement(\"path\", {\n            d: \"M12,20C7.59,20 4,16.41 4,12C4,7.59 7.59,4 12,4C16.41,4
20,7.59 20,12C20,16.41 16.41,20 12,20M12,2A10,10 0 0,0 2,12A10,10 0 0,0 12,22A10,10 0 0,0 22,12A10,10 0 0,0
12,2M7,13H17V11H7\"\n          }));\n        }\n      }], t);\n    }(f.default.PureComponent), t.CirclePlus = function (e)
{\n      function t() {\n        return a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this,
arguments));\n      }\n\n      return i(t, e), l(t, [{\n        key: \"render\",\n        value: function value() {\n          var e =
this.props,\n          t = e.style,\n          n = r(e, [\"style\"]);\n          return f.default.createElement(\"span\", n,

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f.default.createElement("svg", u({}, s(t), {n      viewBox: \"0 0 24 24\",n      fill: \"currentColor\",n
preserveAspectRatio: \"xMidYMid meet\"n      })), f.default.createElement("path", {n      d:
\"M12,20C7.59,20 4,16.41 4,12C4,7.59 7.59,4 12,4C16.41,4 20,7.59 20,12C20,16.41 16.41,20 12,20M12,2A10,10
0 0,0 2,12A10,10 0 0,0 12,22A10,10 0 0,0 22,12A10,10 0 0,0
12,2M13,7H11V11H7V13H11V17H13V13H17V11H13V7Z\"n      }));n      }n      })), t;n
}(f.default.PureComponent), t.SquareMinus = function (e) {n      function t() {n      return a(this, t), o(this,
(t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments));n      }n      return i(t, e), l(t, [{n      key:
\"render\",n      value: function value() {n      var e = this.props,n      t = e.style,n      n = r(e,
[\"style\"]),n      a = s(t).style;n      return f.default.createElement(\"span\", n,
f.default.createElement(\"svg\", {n      fill: a.color,n      width: a.height,n      height: a.width,n
style: a,n      viewBox: \"0 0 1792 1792\"n      }, f.default.createElement(\"path\", {n      d: \"M1344
800v64q0 14-9 23t-23 9h-832q-14 0-23-9t-9-23v-64q0-14 9-23t23-9h832q14 0 23 9t9 23zm128 448v-832q0-66-47-
113t-113-47h-832q-66 0-113 47t-47 113v832q0 66 47 113t113 47h832q66 0 113-47t47-113zm128-832v832q0 119-
84.5 203.5t-203.5 84.5h-832q-119 0-203.5-84.5t-84.5-203.5v-832q0-119 84.5-203.5t203.5-84.5h832q119 0 203.5
84.5t84.5 203.5z\"n      }));n      }n      })), t;n      }(f.default.PureComponent), t.SquarePlus = function (e) {n
function t() {n      return a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments));n
}n      return i(t, e), l(t, [{n      key: \"render\",n      value: function value() {n      var e = this.props,n
t = e.style,n      n = r(e, [\"style\"]),n      a = s(t).style;n      return f.default.createElement(\"span\", n,
f.default.createElement(\"svg\", {n      fill: a.color,n      width: a.height,n      height: a.width,n
style: a,n      viewBox: \"0 0 1792 1792\"n      }, f.default.createElement(\"path\", {n      d: \"M1344
800v64q0 14-9 23t-23 9h-352v352q0 14-9 23t-23 9h-64q-14 0-23-9t-9-23v-352h-352q-14 0-23-9t-9-23v-64q0-14
9-23t23-9h352v-352q0-14 9-23t23-9h64q14 0 23 9t9 23zm128 448v-832q0-66-47-113t-
113-47h-832q-66 0-113 47t-47 113v832q0 66 47 113t113 47h832q66 0 113-47t47-113zm128-832v832q0 119-84.5
203.5t-203.5 84.5h-832q-119 0-203.5-84.5t-84.5-203.5v-832q0-119 84.5-203.5t203.5-84.5h832q119 0 203.5
84.5t84.5 203.5z\"n      }));n      }n      })), t;n      }(f.default.PureComponent), t.ArrowRight = function (e) {n
function t() {n      return a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments));n
}n      return i(t, e), l(t, [{n      key: \"render\",n      value: function value() {n      var e = this.props,n
t = e.style,n      n = r(e, [\"style\"]);n      return f.default.createElement(\"span\", n,
f.default.createElement(\"svg\", {n      style: u({}, s(t).style, {n      paddingLeft: \"2px\",n
verticalAlign: \"top\"n      })),n      viewBox: \"0 0 15 15\",n      fill: \"currentColor\"n      },
f.default.createElement(\"path\", {n      d: \"M0 14l6-6-6z\"n      }));n      }n      })), t;n      }(f.default.PureComponent), t.ArrowDown = function (e) {n      function t() {n      return a(this, t), o(this,
(t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments));n      }n      return i(t, e), l(t, [{n      key:
\"render\",n      value: function value() {n      var e = this.props,n      t = e.style,n      n = r(e,
[\"style\"]);n      return f.default.createElement(\"span\", n, f.default.createElement(\"svg\", {n      style: u({},
s(t).style, {n      paddingLeft: \"2px\",n      verticalAlign: \"top\"n      })),n      viewBox: \"0 0 15
15\",n      fill: \"currentColor\"n      }, f.default.createElement(\"path\", {n      d: \"M0 5l6 6-6z\"n
}));n      }n      })), t;n      }(f.default.PureComponent), t.Clippy = function (e) {n      function t() {n      return
a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments));n      }n      return i(t, e), l(t, [{n
key: \"render\",n      value: function value() {n      var e = this.props,n      t = e.style,n      n = r(e,
[\"style\"]);n      return f.default.createElement(\"span\", n, f.default.createElement(\"svg\", u({}, s(t), {n
viewBox: \"0 0 40 40\",n      fill: \"currentColor\",n      preserveAspectRatio: \"xMidYMid meet\"n
}), f.default.createElement(\"g\", null, f.default.createElement(\"path\", {n      d: \"m30 35h-25v-
22.5h25v7.5h2.5v-12.5c0-1.4-1.1-2.5-2.5-2.5h-7.5c0-2.8-2.2-5-5-5s-5 2.2-5 5h-7.5c-1.4 0-2.5 1.1-2.5 2.5v27.5c0
1.4 1.1 2.5 2.5 2.5h25c1.4 0 2.5-1.1 2.5-2.5v-5h-2.5v5z m-20-27.5h2.5s2.5-1.1 2.5-2.5 1.1-2.5 2.5-2.5 2.5 1.1 2.5
2.5 1.3 2.5 2.5 2.5h2.5s2.5 1.1 2.5 2.5h-20c0-1.5 1.1-2.5 2.5-2.5z m-2.5 20h5v-2.5h-5v2.5z m17.5-5v-5l-10 7.5 10
7.5v-5h12.5v-5h-12.5z m-17.5 10h7.5v-2.5h-7.5v2.5z m12.5-17.5h-12.5v2.5h12.5v-2.5z m-7.5 5h-5v2.5h5v-
2.5z\"n      }));n      }n      })), t;n      }(f.default.PureComponent), t.RemoveCircle = function (e) {n

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function t() {\n      return a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments));\n
}\n\n return i(t, e), l(t, [{\n      key: \"render\", \n      value: function value() {\n          var e = this.props, \n          t = e.style, \n          n = r(e, [\"style\"]); \n          return f.default.createElement(\"span\", n, \n          f.default.createElement(\"svg\", u({}, s(t), {\n              viewBox: \"0 0 40 40\", \n              fill: \"currentColor\", \n              preserveAspectRatio: \"xMidYMid meet\" \n          })), f.default.createElement(\"g\", null, \n          f.default.createElement(\"path\", {\n              d: \"m28.6 25q0-0.5-0.4-1l-4-4 4-4q0.4-0.5 0.4-1 0-0.6-0.4-1.1l-2-2q-0.4-0.4-1-0.4-0.6 0-1 0.4l-4.1 4.1-4-4.1q-0.4-0.4-1-0.4-0.6 0-1 0.4l-2 2q-0.5 0.5-0.5 1.1 0 0.5 0.5 1.14 4-4 4q-0.5 0.5-0.5 1 0 0.7 0.5 1.112 2q0.4 0.4 1 0.4 0.6 0 1-0.4l4-4.1 4.1 4.1q0.4 0.4 1 0.4 0.6 0 1-0.4l2-2q0.4-0.4 0.4-1z m8.7-5q0 4.7-2.3 8.6t-6.3 6.2-8.6 2.3-8.6-2.3-6.2-6.2-2.3-8.6 2.3-8.6 6.2-6.2 8.6-2.3 8.6 2.3 6.3 6.2 2.3 8.6z\" \n          }))))); \n      } \n      }], t; \n      } (f.default.PureComponent), t.AddCircle = function (e) {\n          function t() {\n              return a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments)); \n          } \n          return i(t, e), l(t, [{\n              key: \"render\", \n              value: function value() {\n                  var e = this.props, \n                  t = e.style, \n                  n = r(e, [\"style\"]); \n                  return f.default.createElement(\"span\", n, f.default.createElement(\"svg\", u({}, s(t), {\n                      viewBox: \"0 0 40 40\", \n                      fill: \"currentColor\", \n                      preserveAspectRatio: \"xMidYMid meet\" \n                  })), f.default.createElement(\"g\", null, f.default.createElement(\"path\", {\n                      d: \"m30.1 21.4v-2.8q0-0.6-0.4-1t-1-0.5h-5.7v-5.7q0-0.6-0.4-1t-1-0.4h-2.9q-0.6 0-1 0.4t-0.4 1v5.7h-5.7q-0.6 0-1 0.5t0.4-1z m7.2-1.4q0 4.7-2.3 8.6t-6.3 6.2-8.6 2.3-8.6-2.3-6.2-6.2-2.3-8.6 2.3-8.6 6.2-6.2 8.6-2.3 8.6 2.3 6.3 6.2 2.3 8.6z\" \n                  }))))); \n              } \n          }], t; \n          } (f.default.PureComponent), t.Add = function (e) {\n              function t() {\n                  return a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments)); \n              } \n              return i(t, e), l(t, [{\n                  key: \"render\", \n                  value: function value() {\n                      var e = this.props, \n                      t = e.style, \n                      n = r(e, [\"style\"]); \n                      return f.default.createElement(\"span\", n, f.default.createElement(\"svg\", u({}, s(t), {\n                          viewBox: \"0 0 40 40\", \n                          fill: \"currentColor\", \n                          preserveAspectRatio: \"xMidYMid meet\" \n                      })), \n                      f.default.createElement(\"g\", null, f.default.createElement(\"path\", {\n                          d: \"m31.6 21.6h-10v10h-3.2v-10h-10v-3.2h10v-10h3.2v10h10v3.2z\" \n                      }))))); \n                  } \n              }], t; \n          } (f.default.PureComponent), t.Edit = function (e) {\n              function t() {\n                  return a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments)); \n              } \n              return i(t, e), l(t, [{\n                  key: \"render\", \n                  value: function value() {\n                      var e = this.props, \n                      t = e.style, \n                      n = r(e, [\"style\"]); \n                      return f.default.createElement(\"span\", n, \n                      f.default.createElement(\"svg\", u({}, s(t), {\n                          viewBox: \"0 0 40 40\", \n                          fill: \"currentColor\", \n                          preserveAspectRatio: \"xMidYMid meet\" \n                      })), \n                      f.default.createElement(\"g\", null, \n                      f.default.createElement(\"path\", {\n                          d: \"m19.8 26.4l2.6-2.6-3.4-3.4-2.6 2.6v1.3h2.2v2.1h1.2z m9.8-16q-0.3-0.4-0.7 0l-7.8 7.8q-0.4 0.4 0 0.7t0.7 0l7.8-7.8q0.4-0.4 0-0.7z m1.8 13.2v4.3q0 2.6-1.9 4.5t-4.5 1.9h-18.6q-2.6 0-4.5-1.9t-1.9-4.5v-18.6q0-2.7 1.9-4.6t4.5-1.8h18.6q1.4 0 2.6 0.5 0.3 0.2 0.4 0.5 0.1 0.4-0.2 0.7l-1.1 1.1q-0.3 0.3-0.7 0.1-0.5-0.1-1-0.1h-18.6q-1.4 0-2.5 1.1t-1 2.5v18.6q0 1.4 1 2.5t2.5 1h18.6q1.5 0 2.5-1t1.1-2.5v-2.9q0-0.2 0.2-0.4l1.4-1.5q0.3-0.3 0.8-0.1t0.4 0.6z m-2.1-16.5l6.4 6.5-15 15h-6.4v-6.5z m9.9 3l-2.1 2-6.4-6.4 2.1-2q0.6-0.7 1.5-0.7t1.5 0.7l3.4 3.4q0.6 0.6 0.6 1.5t-0.6 1.5z\" \n                      }))))); \n                  } \n              }], t; \n          } (f.default.PureComponent), \n          t.CheckCircle = function (e) {\n              function t() {\n                  return a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments)); \n              } \n              return i(t, e), l(t, [{\n                  key: \"render\", \n                  value: function value() {\n                      var e = this.props, \n                      t = e.style, \n                      n = r(e, [\"style\"]); \n                      return f.default.createElement(\"span\", n, f.default.createElement(\"svg\", u({}, s(t), {\n                          viewBox: \"0 0 40 40\", \n                          fill: \"currentColor\", \n                          preserveAspectRatio: \"xMidYMid meet\" \n                      })), \n                      f.default.createElement(\"g\", null, f.default.createElement(\"path\", {\n                          d: \"m31.7 16.4q0-0.6-0.4-1l-2.1-2.1q-0.4-0.4-1-0.4t-1 0.4l-9.1 9.1-5-5q-0.5-0.4-1-0.4t-1 0.4l-2.1 2q-0.4 0.4-0.4 1 0 0.6 0.4 1.18.1 8.1q0.4 0.4 1 0.4 0.6 0 1-0.4l12.2-12.1q0.4-0.4 0.4-1z m5.6 3.6q0 4.7-2.3 8.6t-6.3 6.2-8.6 2.3-8.6-2.3-6.2-6.2-2.3-8.6 2.3-8.6 6.2-6.2 8.6-2.3 8.6 2.3 6.3 6.2 2.3 8.6z\" \n                      }))))); \n                  } \n              }], t; \n          } (f.default.PureComponent); \n      }, function (e, t, n) {\n          var r = n(17); \n          e.exports = function (e) {\n              if (!r(e)) throw TypeError(e + \" is not an object!\"); \n              return e; \n          }; \n      }, function (e, t) {\n          e.exports = function (e) {\n              return \"object\" === typeof e ? null !== e : \"function\" === typeof e; \n          }; \n      }, function (e, t, n) {\n          var r = n(48), \n

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a = n(33);\n\n e.exports = Object.keys || function (e) {\n  return r(e, a);\n }; \n }, function (e, t) {\n
e.exports = !0;\n }, function (e, t, n) {\n  var r = n(5),\n      a = n(2),\n      o = n(71),\n      i = n(8),\n      s =
n(7),\n      u = function u(e, t, n) {\n  var l,\n      c,\n      f,\n      d = e & u.F,\n      p = e & u.G,\n      b
= e & u.S,\n      h = e & u.P,\n      y = e & u.B,\n      v = e & u.W,\n      m = p ? a : a[t] || (a[t] = {}),\n
g = m.prototype,\n      _ = p ? r : b ? r[t] : (r[t] || {}).prototype;\n\n p && (n = t);\n\n for (l in n) {\n  (c =
!d && _ && void 0 !== _[l]) && s(m, l) || (f = c ? _[l] : n[l], m[l] = p && \"function\" !== typeof _[l] ? n[l] : y && c
? o(f, r) : v && _[l] == f ? function (e) {\n  var t = function t(_t, n, r) {\n  if (this instanceof e) {\n
switch (arguments.length) {\n  case 0:\n  return new e();\n  case 1:\n  return
new e(_t);\n  case 2:\n  return new e(_t, n);\n  }\n\n return new e(_t, n, r);\n
}\n\n return e.apply(this, arguments);\n }; \n\n return t.prototype = e.prototype, t;\n } (f) : h
&& \"function\" === typeof f ? o(Function.call, f) : f, h && ((m.virtual || (m.virtual = {}))[l] = f, e & u.R && g &&
!g[l] && i(g, l, f));\n } \n ); \n\n u.F = 1, u.G = 2, u.S = 4, u.P = 8, u.B = 16, u.W = 32, u.U = 64, u.R = 128,
e.exports = u;\n }, function (e, t) {\n  e.exports = function (e, t) {\n  return {\n  enumerable: !(1 & e),\n
configurable: !(2 & e),\n  writable: !(4 & e),\n  value: t;\n }; \n }; \n }, function (e, t) {\n  var n = 0,\n
r = Math.random();\n\n e.exports = function (e) {\n  return \"Symbol(\".concat(void 0 === e ? \"\" : e, \"\").concat(\"_\"
, (++n + r).toString(36));\n }; \n }, function (e, t) {\n  t.f = {}.propertyIsEnumerable;\n }, function (e, t, n) {\n
\"use strict\";\n\n function r(e) {\n  return e && e.__esModule ? e : {\n  default: e;\n }; \n } \n\n\n
function a(e, t) {\n  var n = {};\n  for (var r in e) {\n  t.indexOf(r) >= 0 ||
Object.prototype.hasOwnProperty.call(e, r) && (n[r] = e[r]);\n } \n\n return n;\n } \n\n\n function o(e, t) {\n
if (!(e instanceof t)) throw new TypeError(\"Cannot call a class as a function\");\n } \n\n\n function i(e, t) {\n  if
(!e) throw new ReferenceError(\"this hasn't been initialised - super() hasn't been called\");\n  return !t || \"object\"
!== typeof t && \"function\" !== typeof t ? e : t;\n } \n\n\n function s(e, t) {\n  if (\"function\" !== typeof t && null
!== t) throw new TypeError(\"Super expression must either be null or a function, not \" + typeof t);\n  e.prototype
= Object.create(t && t.prototype, {\n  constructor: {\n  value: e,\n  enumerable: !1,\n  writable:
!0,\n  configurable: !0;\n } \n }, t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__
= t);\n } \n\n\n Object.defineProperty(t, \"__esModule\", {\n  value: !0;\n });\n\n var u = Object.assign ||
function (e) {\n  for (var t = 1; t < arguments.length; t++) {\n  var n = arguments[t];\n\n for (var r in n) {\n
Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n } \n } \n\n return e;\n },\n l =
function () {\n  function e(e, t) {\n  for (var n = 0; n < t.length; n++) {\n  var r = t[n];\n
r.enumerable = r.enumerable || !1, r.configurable = !0, \"value\" in r && (r.writable = !0), Object.defineProperty(e,
r.key, r);\n } \n } \n\n return function (t, n, r) {\n  return n && e(t.prototype, n), r && e(t, r), t;\n }; \n
}(),\n c = n(0),\n f = r(c),\n d = n(41),\n p = n(4),\n b = n(42),\n h = n(171),\n y =
r(h),\n v = n(56),\n m = r(v),\n g = n(57),\n _ = r(g),\n j = n(58),\n O = r(j),\n E =
n(13),\n w = r(E),\n x = n(59),\n C = n(1),\n k = r(C),\n P = function (e) {\n  function t(e)
{\n  o(this, t);\n  var n = i(this, (t.__proto__ || Object.getPrototypeOf(t)).call(this, e));\n  S.call(n);\n
var r = t.getState(e);\n  return n.state = u({}, r, {\n  prevProps: {};\n }, n);\n } \n\n return s(t, e), l(t,
[{\n  key: \"getBraceStart\", \n  value: function value(e, t) {\n  var n = this,\n      r = this.props,\n
a = r.src,\n      o = r.theme,\n      i = r.iconStyle;\n  if (\"array_group\" === r.parent_type) return
f.default.createElement(\"span\", null, f.default.createElement(\"span\", (0, k.default)(o, \"brace\"), \"array\" === e ?
\"[\" : \"{\", t ? this.getObjectMetaData(a) : null);\n  var s = t ? x.ExpandedIcon : x.CollapsedIcon;\n
return f.default.createElement(\"span\", null, f.default.createElement(\"span\", u({\n  onClick: function
onClick(e) {\n  n.toggleCollapsed();\n } \n }, (0, k.default)(o, \"brace-row\")),
f.default.createElement(\"div\", u({\n  className: \"icon-container\";\n }, (0, k.default)(o, \"icon-
container\")), f.default.createElement(s, {\n  theme: o,\n  iconStyle: i;\n })),
f.default.createElement(O.default, this.props), f.default.createElement(\"span\", (0, k.default)(o, \"brace\"), \"array\"
=== e ? \"[\" : \"{\", t ? this.getObjectMetaData(a) : null);\n } \n ], {\n  key: \"render\", \n  value:
function value() {\n  var e = this.props,\n      t = e.depth,\n      n = e.src,\n      r = (e.namespace,
e.name, e.type, e.parent_type),\n      o = e.theme,\n      i = e.jsvRoot,\n      s = e.iconStyle,\n      l

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= a(e, [{"depth": "src", "namespace": "name", "type": "parent_type", "theme": "jsvRoot", "iconStyle": "}],\n
c = this.state,\n      d = c.object_type,\n      p = c.expanded,\n      b = {};\n      return i ||\n      ["array_group"] === r ? ["array_group"] === r && (b.borderLeft = 0, b.display = "inline") : b.paddingLeft = 5 *
this.props.indentWidth, f.default.createElement("div", u({\n      className: "object-key-val"\n      }, (0,
k.default)(o, i ? "jsv-root" : "objectKeyVal", b)), this.getBraceStart(d, p), p ? this.getObjectContent(t, n, u({\n      theme: o,\n      iconStyle: s\n      }, l)) : this.getEllipsis(), f.default.createElement("span", {\n
className: "brace-row"\n      }, f.default.createElement("span", {\n      style: u({}, (0, k.default)(o,
"brace").style, {\n      paddingLeft: p ? "3px" : "0px"\n      })\n      }, ["array"] === d ? "}" : "}), p
? null : this.getObjectMeta(n));\n      }}, [{"\n      key: "getDerivedStateFromProps",\n      value:
function value(e, n) {\n      var r = n.prevProps;\n      if (e.src !== r.src || e.collapsed !== r.collapsed || e.name
!== r.name || e.namespace !== r.namespace || e.rjvId !== r.rjvId) {\n      var a = t.getState(e);\n      return
u({}, a, {\n      prevProps: e\n      });\n      }\n      return null;\n      }}, t;\n
}(f.default.PureComponent);\n      P.getState = function (e) {\n      var t = Object.keys(e.src).length,\n      n = (!1
=== e.collapsed || !0 !== e.collapsed && e.collapsed > e.depth) && (!e.shouldCollapse || !1 ===
e.shouldCollapse({\n      name: e.name,\n      src: e.src,\n      type: (0, p.toType)(e.src),\n      namespace:
e.namespace\n      }))) && 0 !== t;\n      return {\n      expanded: w.default.get(e.rjvId, e.namespace, "expanded",
n),\n      object_type: "array" === e.type ? "array" : "object",\n      parent_type: "array" === e.type ? "array"\n      : "object",\n      size: t\n      };\n      };\n      var S = function S() {\n      var e = this;\n      this.toggleCollapsed =
function () {\n      e.setState({\n      expanded: !e.state.expanded\n      }, function () {\n
w.default.set(e.props.rjvId, e.props.namespace, "expanded", e.state.expanded);\n      });\n      },
this.getObjectContent = function (t, n, r) {\n      return f.default.createElement("div", {\n      className:
"pushed-content object-container"\n      }, f.default.createElement("div", u({\n      className: "object-
content"\n      }, (0, k.default)(e.props.theme, "pushed-content")), e.renderObjectContents(n, r));\n      },
this.getEllipsis = function () {\n      return 0 === e.state.size ? null : f.default.createElement("div", u({}, (0,
k.default)(e.props.theme, "ellipsis")), {\n      className: "node-ellipsis",\n      onClick: e.toggleCollapsed\n
}), "...");\n      }, this.getObjectMeta = function (t) {\n      var n = e.props,\n      r = (n.rjvId, n.theme,
e.state.size);\n      return f.default.createElement(m.default, u({\n      size: r\n      }, e.props));\n      },
this.renderObjectContents = function (t, n) {\n      var r = e.props,\n      a = r.depth,\n      o = r.parent_type,\n
i = r.index_offset,\n      s = r.groupArraysAfterLength,\n      l = r.namespace,\n      c =
e.state.object_type,\n      d = (n.theme, []),\n      p = void 0,\n      h = Object.keys(t || {});\n      return
e.props.sortKeys && (h = h.sort()), h.forEach(function (r) {\n      if (p = new M(r, t[r]), "array_group" === o
&& i && (p.name = parseInt(p.name) + i), t.hasOwnProperty(r)) if ("object" === p.type)
d.push(f.default.createElement(b.JsonObject, u({\n      key: p.name,\n      depth: a + 1,\n      name:
p.name,\n      src: p.value,\n      namespace: l.concat(p.name),\n      parent_type: c\n      }, n));else if
("array" === p.type) {\n      var h = b.JsonObject;\n      s && p.value.length > s && (h = _default),
d.push(f.default.createElement(h, u({\n      key: p.name,\n      depth: a + 1,\n      name: p.name,\n
src: p.value,\n      namespace: l.concat(p.name),\n      type: "array",\n      parent_type: c\n      },
n));\n      } else d.push(f.default.createElement(y.default, u({\n      key: p.name + "_" + l,\n      variable:
p,\n      singleIndent: 5,\n      namespace: l,\n      type: e.props.type\n      }, n));\n      }}, d;\n      };\n
},\n      M = function e(t, n) {\n      o(this, e), this.name = t, this.value = n, this.type = (0, p.toType)(n);\n      };\n
(0, d.polyfill)(P), t.default = P;\n      }, function (e, t, n) {\n      "use strict";\n      var r = n(70)(!0);\n      n(43)(String,
"String", function (e) {\n      this._t = String(e), this._i = 0;\n      }, function () {\n      var e,\n      t = this._t,\n
n = this._i;\n      return n >= t.length ? {\n      value: void 0,\n      done: !0\n      } : (e = r(t, n), this._i += e.length,
{\n      value: e,\n      done: !1\n      });\n      }}, function (e, t) {\n      var n = Math.ceil,\n      r = Math.floor;\n
e.exports = function (e) {\n      return isNaN(e + e) ? 0 : (e > 0 ? r : n)(e);\n      }}, function (e, t) {\n      e.exports
= function (e) {\n      if (void 0 == e) throw TypeError("Can't call method on " + e);\n      return e;\n      }},\n
function (e, t, n) {\n      var r = n(17);\n      e.exports = function (e, t) {\n      if (!r(e)) return e;\n      var n, a;\n      if (t
&& "function" == typeof (n = e.toString) && !r(a = n.call(e))) return a;\n      if ("function" == typeof (n =

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e.valueOf) && !(a = n.call(e))) return a;\n    if (!t && \"function\" === typeof (n = e.toString) && !(a = n.call(e)))
return a;\n    throw TypeError(\"Can't convert object to primitive value\");\n  };\n }, function (e, t) {\n  var n =
{ }.toString;\n\n  e.exports = function (e) {\n    return n.call(e).slice(8, -1);\n  };\n }, function (e, t, n) {\n  var r
= n(32)(\"keys\"),\n  a = n(23);\n\n  e.exports = function (e) {\n    return r[e] || (r[e] = a(e));\n  };\n },
function (e, t, n) {\n  var r = n(2),\n  a = n(5),\n  o = a[\"__core-js_shared__\"] || (a[\"__core-js_shared__\"]
= {});\n\n  (e.exports = function (e, t) {\n    return o[e] || (o[e] = void 0 !== t ? t : {});\n  })(\"versions\",
[]).push({\n  version: r.version,\n  mode: n(20) ? \"pure\" : \"global\",\n  copyright: \"© 2018 Denis
Pushkarev (zloirock.ru)\"\n });\n }, function (e, t) {\n  e.exports =
\"constructor,hasOwnProperty,isPrototypeOf,propertyIsEnumerable,toLocaleString,toString,valueOf\".split(\",\");\n
}, function (e, t, n) {\n  var r = n(9).f,\n  a = n(7),\n  o = n(3)(\"toStringTag\");\n\n  e.exports = function (e,
t, n) {\n  e && !a(e = n ? e : e.prototype, o) && r(e, o, {\n  configurable: !0,\n  value: t\n });\n };;\n },
function (e, t, n) {\n  var r = n(28);\n\n  e.exports = function (e) {\n  return Object(r(e));\n };;\n }, function (e,
t, n) {\n  n(80);\n\n  for (var r = n(5), a = n(8), o = n(18), i = n(3)(\"toStringTag\"), s =
\"CSSRuleList,CSSStyleDeclaration,CSSValueList,ClientRectList,DOMRectList,DOMStringList,DOMTokenList,
DataTransferItemList,FileList,HTMLAllCollection,HTMLCollection,HTMLFormElement,HTMLSelectElement,M
ediaList,MimeTypeArray,NamedNodeMap,NodeList,PaintRequestList,Plugin,PluginArray,SVGLengthList,SVGNum
berList,SVGPathSegList,SVGPointList,SVGStringList,SVGTransformList,SourceBufferList,StyleSheetList,Text
TrackCueList,TextTrackList,TouchList\".split(\",\"), u = 0; u < s.length; u++) {\n  var l = s[u],\n  c = r[l],\n
f = c && c.prototype;\n  f && !f[i] && a(f, i, l), o[l] = o.Array;\n  }\n }, function (e, t, n) {\n  t.f = n(3);\n
}, function (e, t, n) {\n  var r = n(5),\n  a = n(2),\n  o = n(20),\n  i = n(37),\n  s = n(9).f;\n\n  e.exports = function (e) {\n  var t = a.Symbol || (a.Symbol = o ? {} : r.Symbol || {});\n  \"_\" === e.charAt(0) || e
in t || s(t, e, {\n  value: i.f(e)\n });\n };;\n }, function (e, t) {\n  t.f = Object.getOwnPropertySymbols;\n },
function (e, t) {\n  function n(e, t, n) {\n  return Math.min(Math.max(e, t), n);\n  }\n\n  e.exports = n;\n },
function (e, t, n) {\n  \"use strict\";\n\n  function r() {\n  var e =
this.constructor.getDerivedStateFromProps(this.props, this.state);\n  null !== e && void 0 !== e &&
this.setState(e);\n  }\n\n  function a(e) {\n  function t(t) {\n  var n =
this.constructor.getDerivedStateFromProps(e, t);\n  return null !== n && void 0 !== n ? n : null;\n  }\n\n
this.setState(t.bind(this));\n  }\n\n  function o(e, t) {\n  try {\n  var n = this.props,\n  r = this.state;\n
this.props = e, this.state = t, this.__reactInternalSnapshotFlag = !0, this.__reactInternalSnapshot =
this.getSnapshotBeforeUpdate(n, r);\n  } finally {\n  this.props = n, this.state = r;\n  }\n }\n\n  function
i(e) {\n  var t = e.prototype;\n  if (!t || !t.isReactComponent) throw new Error(\"Can only polyfill class
components\");\n  if (\"function\" !== typeof e.getDerivedStateFromProps && \"function\" !== typeof
t.getSnapshotBeforeUpdate) return e;\n  var n = null,\n  i = null,\n  s = null;\n\n  if (\"function\" ===
typeof t.componentWillMount ? n = \"componentWillMount\" : \"function\" === typeof
t.UNSAFE_componentWillMount && (n = \"UNSAFE_componentWillMount\"), \"function\" === typeof
t.componentWillReceiveProps ? i = \"componentWillReceiveProps\" : \"function\" === typeof
t.UNSAFE_componentWillReceiveProps && (i = \"UNSAFE_componentWillReceiveProps\"), \"function\" ===
typeof t.componentWillUpdate ? s = \"componentWillUpdate\" : \"function\" === typeof
t.UNSAFE_componentWillUpdate && (s = \"UNSAFE_componentWillUpdate\"), null !== n || null !== i || null !==
s) {\n  var u = e.displayName || e.name,\n  l = \"function\" === typeof e.getDerivedStateFromProps ?
\"getDerivedStateFromProps()\" : \"getSnapshotBeforeUpdate()\";\n  throw Error(\"Unsafe legacy lifecycles will
not be called for components using new component APIs.\\n\\n\" + u + \" uses \" + l + \" but also contains the
following legacy lifecycles:\" + (null !== n ? \"\\n \" + n : \"\") + (null !== i ? \"\\n \" + i : \"\") + (null !== s ? \"\\n
\" + s : \"\") + \"\\n\\n\"The above lifecycles should be removed. Learn more about this warning
here:\\nhttps://fb.me/react-async-component-lifecycle-hooks\");\n  }\n\n  if (\"function\" === typeof
e.getDerivedStateFromProps && (t.componentWillMount = r, t.componentWillReceiveProps = a), \"function\" ===
typeof t.getSnapshotBeforeUpdate) {\n  if (\"function\" !== typeof t.componentDidUpdate) throw new
Error(\"Cannot polyfill getSnapshotBeforeUpdate() for components that do not define componentDidUpdate() on

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the prototype\");\n    t.componentWillUpdate = o;\n    var c = t.componentDidUpdate;\n\n    t.componentDidUpdate = function (e, t, n) {\n        var r = this.__reactInternalSnapshotFlag ?\n        this.__reactInternalSnapshot : n;\n        c.call(this, e, t, r);\n    };\n\n    return e;\n\n}\n\nObject.defineProperty(t, \"__esModule\", {\n    value: !0\n}), n.d(t, \"polyfill\", function () {\n    return i;\n}),\n\nr.__suppressDeprecationWarning = !0, a.__suppressDeprecationWarning = !0, o.__suppressDeprecationWarning =\n!0;\n}, function (e, t, n) {\n    \"use strict\";\n\n    function r(e) {\n        return e && e.__esModule ? e : {\n            default: e\n        };\n    }\n\n    Object.defineProperty(t, \"__esModule\", {\n        value: !0\n    });\n\n    var a = n(63);\n\n    Object.defineProperty(t, \"JsonBoolean\", {\n        enumerable: !0,\n        get: function get() {\n            return\n            r(a).default;\n        }\n    });\n\n    var o = n(158);\n\n    Object.defineProperty(t, \"JsonDate\", {\n        enumerable: !0,\n        get: function get() {\n            return r(o).default;\n        }\n    });\n\n    var i = n(159);\n\n    Object.defineProperty(t,\n    \"JsonFloat\", {\n        enumerable: !0,\n        get: function get() {\n            return r(i).default;\n        }\n    });\n\n    var s =\n    n(160);\n\n    Object.defineProperty(t, \"JsonFunction\", {\n        enumerable: !0,\n        get: function get() {\n            return\n            r(s).default;\n        }\n    });\n\n    var u = n(165);\n\n    Object.defineProperty(t, \"JsonNan\", {\n        enumerable: !0,\n        get: function get() {\n            return r(u).default;\n        }\n    });\n\n    var l = n(166);\n\n    Object.defineProperty(t,\n    \"JsonNull\", {\n        enumerable: !0,\n        get: function get() {\n            return r(l).default;\n        }\n    });\n\n    var c =\n    n(167);\n\n    Object.defineProperty(t, \"JsonInteger\", {\n        enumerable: !0,\n        get: function get() {\n            return\n            r(c).default;\n        }\n    });\n\n    var f = n(25);\n\n    Object.defineProperty(t, \"JsonObject\", {\n        enumerable: !0,\n        get: function get() {\n            return r(f).default;\n        }\n    });\n\n    var d = n(168);\n\n    Object.defineProperty(t,\n    \"JsonRegex\", {\n        enumerable: !0,\n        get: function get() {\n            return r(d).default;\n        }\n    });\n\n    var p =\n    n(169);\n\n    Object.defineProperty(t, \"JsonString\", {\n        enumerable: !0,\n        get: function get() {\n            return\n            r(p).default;\n        }\n    });\n\n    var b = n(170);\n\n    Object.defineProperty(t, \"JsonUndefined\", {\n        enumerable:\n        !0,\n        get: function get() {\n            return r(b).default;\n        }\n    });\n\n    }, function (e, t, n) {\n        \"use strict\";\n\n        var r = n(20),\n            a = n(21),\n            o = n(46),\n            i = n(8),\n            s = n(18),\n            u = n(73),\n            l = n(34),\n            c = n(79),\n            f = n(3)(\"iterator\"),\n            d = !([].keys && \"next\" in [].keys()),\n            p = function p() {\n                return this;\n            };\n\n        e.exports = function (e, t, n, b, h, y, v) {\n            u(n, t, b);\n\n            var m,\n                g,\n                _,\n                j = function j(e) {\n                    if (!d && e in x) return x[e];\n\n                    switch (e) {\n                        case \"keys\":\n                            case\n                            \"values\":\n                                return function () {\n                                    return new n(this, e);\n                                };\n                    }\n\n                    return function ()\n                    {\n                        return new n(this, e);\n                    };\n                },\n                O = t + \" Iterator\", \n                E = \"values\" == h,\n                w =\n                !1,\n                x = e.prototype,\n                C = x[f] || x[\"@@iterator\"] || h && x[h],\n                k = C || j(h),\n                P = h ? E ?\n                j(\"entries\") : k : void 0,\n                S = \"Array\" == t ? x.entries || C : C;\n\n                if (S && (_ = c(S.call(new e)))) !=\n                Object.prototype && !_next && (l(_, O, !0), r || \"function\" == typeof _[f] || i(_, f, p)), E && C && \"values\" !=\n                C.name && (w = !0, k = function k() {\n                    return C.call(this);\n                }), r && !v || !d && !w && x[f] || i(x, f, k),\n                s[t] = k, s[O] = p, h) if (m = {\n                    values: E ? k : j(\"values\"),\n                    keys: y ? k : j(\"keys\"),\n                    entries: P\n                }, v) for (g in m) {\n                    g in x || o(x, g, m[g]);\n                } else a(a.P + a.F * (d || w), t, m);\n\n                return m;\n            };\n\n            function (e, t, n) {\n                e.exports = !n(10) && !n(11)(function () {\n                    return 7 !=\n                    Object.defineProperty(n(45)(\"div\"), \"a\", {\n                        get: function get() {\n                            return 7;\n                        }\n                    }).a;\n                });\n\n            }, function (e, t, n) {\n                var r = n(17),\n                    a = n(5).document,\n                    o = r(a) && r(a.createElement);\n\n                e.exports = function (e) {\n                    return o ? a.createElement(e) : {};\n                };\n            }, function (e, t, n) {\n                var r = n(16),\n                    a = n(74),\n                    o = n(33),\n                    i = n(31)(\"IE_PROTO\"),\n                    s = function s() {},\n                    _u = function u() {\n                        var e,\n                            t = n(45)(\"iframe\"),\n                            r = o.length;\n\n                        for (t.style.display = \"none\", n(78).appendChild(t), t.src = \"javascript:\", e = t.contentWindow.document, e.open(),\n                        e.write(\"<script>document.F=Object</script>\"), e.close(), _u = e.F; r--;) {\n                            delete _u.prototype[o[r]];\n                        }\n\n                        return _u();\n                    };\n\n                e.exports = Object.create || function (e, t) {\n                    var n;\n\n                    return null != e ?\n                    (s.prototype = r(e), n = new s(), s.prototype = null, n[i] = e) : n = _u(), void 0 === t ? n : a(n, t);\n                };\n            }, function (e, t, n) {\n                var r = n(7),\n                    a = n(12),\n                    o = n(75)(!1),\n                    i = n(31)(\"IE_PROTO\");\n\n                e.exports =\n                function (e, t) {\n                    var n,\n                        s = a(e),\n                        u = 0,\n                        l = [];\n\n                    for (n in s) {\n                        n != i && r(s, n)\n                        && l.push(n);\n                    }\n\n                    for (; t.length > u;) {\n                        r(s, n = t[u++]) && (~o(l, n) || l.push(n));\n                    }\n\n                    return l;\n                };\n            }, function (e, t, n) {\n                var r = n(30);\n\n                e.exports = Object(\"z").propertyIsEnumerable(0) ?

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Object : function (e) {\n    return \"String\" == r(e) ? e.split(\"\\\") : Object(e);\n    };\n }, function (e, t, n) {\n    var r = n(48),\n    a = n(33).concat(\"length\", \"prototype\");\n    t.f = Object.getOwnPropertyNames || function (e) {\n    return r(e, a);\n    };\n }, function (e, t, n) {\n    var r = n(30),\n    a = n(3)(\"toStringTag\"),\n    o = \"Arguments\" == r(function () {\n    return arguments;\n    }()),\n    i = function i(e, t) {\n    try {\n    return e[t];\n    } catch (e) {\n    }\n    };\n    e.exports = function (e) {\n    var t, n, s;\n    return void 0 === e ? \"Undefined\" : null === e ? \"Null\" : \"string\" == typeof (n = i(t = Object(e), a)) ? n : o ? r(t) : \"Object\" == (s = r(t)) && \"function\" == typeof t.callee ? \"Arguments\" : s);\n    }, function (e, t) {\n    var n;\n    n = function () {\n    return this;\n    };\n    try {\n    n = n || Function(\"return this\")() || (0, eval)(\"this\");\n    } catch (e) {\n    }\n    \"object\" == typeof window && (n = window);\n    }\n    e.exports = n;\n    }, function (e, t) {\n    function n(e) {\n    return e.match(r);\n    }\n    var r = /-?\\d+(\\.\\d+)?%?/g;\n    e.exports = n;\n    }, function (e, t, n) {\n    \"use strict\";\n    Object.defineProperty(t, \"__esModule\", {\n    value: !0\n    });\n    var r = n(4);\n    t.default = function (e) {\n    var t = (0, r.toType)(e),\n    n = void 0;\n    switch (t) {\n    case \"undefined\":\n    n = \"undefined\";\n    break;\n    case \"nan\":\n    n = \"NaN\";\n    break;\n    case \"string\":\n    n = e;\n    break;\n    case \"date\":\n    case \"function\":\n    case \"regexp\":\n    n = e.toString();\n    break;\n    default:\n    try {\n    n = JSON.stringify(e, null, \" \");\n    } catch (e) {\n    }\n    }\n    }\n    }\n    }\n    return n;\n    };\n    }, function (e, t, n) {\n    \"use strict\";\n    function r(e) {\n    return e && e.__esModule ? e : {\n    default: e\n    };\n    }\n    function a(e, t) {\n    if (!(e instanceof t))\n    throw new TypeError(\"Cannot call a class as a function\");\n    }\n    function o(e, t) {\n    if (!e) throw new ReferenceError(\"this hasn't been initialised - super() hasn't been called\");\n    return !t || \"object\" != typeof t && \"function\" != typeof t ? e : t;\n    }\n    function i(e, t) {\n    if (\"function\" != typeof t && null !== t) throw new TypeError(\"Super expression must either be null or a function, not \" + typeof t);\n    e.prototype = Object.create(t && t.prototype, {\n    constructor: {\n    value: e,\n    enumerable: !1,\n    writable: !0,\n    configurable: !0\n    };\n    }, t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__ = t);\n    }\n    Object.defineProperty(t, \"__esModule\", {\n    value: !0\n    });\n    var s = Object.assign || function (e) {\n    for (var t = 1; t < arguments.length; t++) {\n    var n = arguments[t];\n    for (var r in n) {\n    Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n    }\n    }\n    return e;\n    },\n    u = function () {\n    function e(e, t) {\n    for (var n = 0; n < t.length; n++) {\n    var r = t[n];\n    r.enumerable = r.enumerable || !1, r.configurable = !0, \"value\" in r && (r.writable = !0), Object.defineProperty(e, r.key, r);\n    }\n    }\n    return function (t, n, r) {\n    return n && e(t.prototype, n), r && e(t, r), t;\n    };\n    }(),\n    l = n(0),\n    c = r(1),\n    f = n(4),\n    d = n(54),\n    p = (r(d), n(15)),\n    b = n(1),\n    h = r(b),\n    y = function (e) {\n    function t(e) {\n    a(this, t);\n    var n = o(this, (t.__proto__ || Object.getPrototypeOf(t)).call(this, e));\n    return n.copiedTimer = null, n.handleCopy = function () {\n    var e = document.createElement(\"textarea\"),\n    t = n.props,\n    r = t.clickCallback,\n    a = t.src,\n    o = t.namespace;\n    e.innerHTML = JSON.stringify(n.clipboardValue(a), null, \" \");\n    document.body.appendChild(e), e.select(), document.execCommand(\"copy\"), document.body.removeChild(e),\n    n.copiedTimer = setTimeout(function () {\n    n.setState({\n    copied: !1\n    });\n    }, 5500),\n    n.setState({\n    copied: !0\n    }, function () {\n    \"function\" == typeof r && r({\n    src: a,\n    namespace: o,\n    name: o[o.length - 1]\n    });\n    });\n    }, n.getClippyIcon = function () {\n    var e = n.props.theme;\n    return n.state.copied ? c.default.createElement(\"span\", null, c.default.createElement(p.Clippy, s({\n    className: \"copy-icon\"\n    }, (0, h.default)(e, \"copy-icon\"))), c.default.createElement(\"span\", (0, h.default)(e, \"copy-icon-copied\"), \"\")) : c.default.createElement(p.Clippy, s({\n    className: \"copy-icon\"\n    }, (0, h.default)(e, \"copy-icon\")));\n    }, n.clipboardValue = function (e) {\n    switch ((0, f.toType)(e)) {\n    case \"function\":\n    case \"regexp\":\n    return e.toString();\n    default:\n    return e;\n    }\n    }, n.state = {\n    copied: !1\n    }, n;\n    }\n    }\n    return i(t, e), u(t, [{\n    key: \"componentWillUnmount\", \n    value: function value() {\n    this.copiedTimer && (clearTimeout(this.copiedTimer), this.copiedTimer = null);\n    }\n    }, {\n    key: \"render\", \n    value: function value() {\n    var e = this.props,\n    t = (e.src, e.theme),\n    n = e.hidden,\n    r = (0, h.default)(t, \"copy-to-clipboard\"),\n    a = \"inline\";\n    return n && (a =

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\none"), c.default.createElement("span", {
  className: "copy-to-clipboard-container"
}),
c.default.createElement("span", {
  style: s, r,
  display: a,
  onClick:
this.handleClick, this.getClippyIcon()
}), t
}(c.default.PureComponent);
t.default = y;
function (e, t, n) {
  "use strict";
  function r(e) {
    return e && e.__esModule ? e : {
      default: e
    };
  }
  function a(e) {
    if (Array.isArray(e)) {
      for (var t = 0, n = Array(e.length); t < e.length; t++) {
        n[t] = e[t];
      }
      return n;
    }
    return Array.from(e);
  }
  function o(e, t) {
    if (!(e instanceof t)) throw new TypeError("Cannot call a class as a function");
  }
  function i(e, t) {
    if (!e) throw new ReferenceError("this hasn't been initialised - super() hasn't been called");
    return !t || "object" !== typeof t && "function" !== typeof t ? e : t;
  }
  function s(e, t) {
    if ("function" !== typeof t && null !== t) throw new TypeError("Super expression must either be null or a function, not " + typeof t);
    e.prototype = Object.create(t && t.prototype, {
      constructor: {
        value: e,
        enumerable: !1,
        writable: !0,
        configurable: !0
      }
    });
    t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__ = t);
  }
  var u = Object.assign || function (e) {
    for (var t = 1; t < arguments.length; t++) {
      var n = arguments[t];
      for (var r in n) {
        Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);
      }
    }
    return e;
  };
  var l = n(0), c = r(l), f = n(14), d = r(f), p = n(55), b = r(p), h = n(4), y = n(15), v = n(1), m = r(v), g = function (e) {
    function t() {
      var e, n, r, s;
      o(this, t);
      for (var l = arguments.length, f = Array(l), p = 0; p < l; p++) {
        f[p] = arguments[p];
      }
      return n = r = i(this, (e = t.__proto__ || Object.getPrototypeOf(t)).call.apply(e, [this].concat(f))), r.getObjectSize = function () {
        var e = r.props, t = e.size, n = e.theme;
        if (e.displayObjectSize) return c.default.createElement("span", u({
          className: "object-size",
          style: (0, m.default)(n, "object-size"),
          t, "item", 1 === t ? "" : "s"
        })), r.getAddAttribute = function () {
          var e = r.props, t = e.theme, n = e.namespace, o = e.name, i = e.src, s = e.rjvId, l = e.depth;
          return c.default.createElement("span", {
            className: "click-to-add",
            style: {
              verticalAlign: "top"
            }
          }), c.default.createElement(y.AddCircle, u({
            className: "click-to-add-icon",
            style: (0, m.default)(t, "addVarIcon"),
            onClick: function onClick() {
              var e = {
                name: 1 > 0 ? o : null,
                namespace: n.splice(0, n.length - 1),
                existing_value: i,
                variable_removed: !1,
                key_name: null
              };
              "object" === (0, h.toType)(i) ? d.default.dispatch({
                name: "ADD_VARIABLE_KEY_REQUEST",
                rjvId: s,
                data: e
              }) : d.default.dispatch({
                name: "VARIABLE_ADDED",
                rjvId: s,
                data: u({
                  e, {
                    new_value: [].concat(a(i), [null])
                  }
                }));
            }
          })), r.getRemoveObject = function () {
              var e = r.props, t = e.theme, n = (e.hover, e.namespace), a = e.name, o = e.src, i = e.rjvId;
              if (1 !== n.length) return c.default.createElement("span", {
                className: "click-to-remove",
                style: (0, m.default)(t, "removeVarIcon"),
                onClick: function onClick() {
                  d.default.dispatch({
                    name: "VARIABLE_REMOVED",
                    rjvId: i,
                    data: {
                      name: a,
                      namespace: n.splice(0, n.length - 1),
                      existing_value: o,
                      variable_removed: !0
                    }
                  });
                }
              }));
            }
          })), r.render = function () {
              var e = r.props, t = e.theme, n = e.onDelete, a = e.onAdd, o = e.enableClipboard, i = e.src, s = e.namespace;
              return c.default.createElement("div", u({
                style: (0, m.default)(t, "object-meta-data"),
                className: "object-meta-data",
                onClick: function onClick(e) {
                  e.stopPropagation();
                }
              })), r.getObjectSize(), o ? c.default.createElement(b.default, u({
                clickCallback: o,
                style: (0, m.default)(t, "click-to-add"),
                src: i,
                theme: t,
                namespace: s
              }) : null, !1 !== a ? r.getAddAttribute() : null, !1 !== n ? r.getRemoveObject() : null);
            }
          }
        }, s = n, i(r, s);
      }
    }
  }
}(c.default.PureComponent);
t.default = g;
function (e, t, n) {
  "use strict";
  function r(e) {
    return e && e.__esModule ? e : {
      default: e
    };
  }
  function a(e) {
    if (Array.isArray(e)) {
      for (var t = 0, n = Array(e.length); t < e.length; t++) {
        n[t]

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= e[t];\n    }\n    return n;\n    }\n    return Array.from(e);\n    }\n    function o(e, t) {\n    var n = {};\n    for (var r in e) {\n    t.indexOf(r) >= 0 || Object.prototype.hasOwnProperty.call(e, r) && (n[r] = e[r]);\n    }\n    return n;\n    }\n    function i(e, t) {\n    if (!(e instanceof t)) throw new TypeError("\Cannot call a class as a function");\n    }\n    function s(e, t) {\n    if (!e) throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n    return !t || "object" != typeof t && "function" != typeof t ? e : t;\n    }\n    function u(e, t) {\n    if ("function" != typeof t && null !== t) throw new TypeError("Super expression must either be null or a function, not " + typeof t);\n    e.prototype = Object.create(t && t.prototype, {\n    constructor: {\n    value: e,\n    enumerable: !1,\n    writable: !0,\n    configurable: !0\n    }, t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__ = t);\n    }\n    Object.defineProperty(t, "__esModule", {\n    value: !0\n    });\n    var l = Object.assign || function (e) {\n    for (var t = 1; t < arguments.length; t++) {\n    var n = arguments[t];\n    for (var r in n) {\n    Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n    }\n    }\n    return e;\n    },\n    c = function () {\n    function e(e, t) {\n    for (var n = 0; n < t.length; n++) {\n    var r = t[n];\n    r.enumerable = r.enumerable || !1, r.configurable = !0, "value" in r && (r.writable = !0), Object.defineProperty(e, r.key, r);\n    }\n    }\n    return function (t, n, r) {\n    return n && e(t.prototype, n), r && e(t, r), t;\n    };\n    }(),\n    f = n(0),\n    d = r(f),\n    p = n(1),\n    b = r(p),\n    h = n(56),\n    y = r(h),\n    v = n(58),\n    m = r(v),\n    g = n(25),\n    _ = r(g),\n    j = n(59),\n    O = function (e) {\n    function t(e) {\n    i(this, t);\n    var n = s(this, (t.__proto__ || Object.getPrototypeOf(t)).call(this, e));\n    return n.toggleCollapsed = function (e) {\n    var t = [];\n    for (var r in n.state.expanded) {\n    t.push(n.state.expanded[r]);\n    }\n    t[e] = !t[e], n.setState({\n    expanded: t\n    });\n    }, n.state = {\n    expanded: []\n    }, n;\n    }\n    return u(t, e), c(t, [{\n    key: "getExpandedIcon",\n    value: function value(e) {\n    var t = this.props,\n    n = t.theme,\n    r = t.iconStyle;\n    return this.state.expanded[e] ? d.default.createElement(j.ExpandedIcon, {\n    theme: n,\n    iconStyle: r\n    }) : d.default.createElement(j.CollapsedIcon, {\n    theme: n,\n    iconStyle: r\n    });\n    },\n    }, {\n    key: "render",\n    value: function value() {\n    var e = this,\n    t = this.props,\n    n = t.src,\n    r = t.groupArraysAfterLength,\n    i = (t.depth, t.name),\n    s = t.theme,\n    u = t.jsvRoot,\n    c = t.namespace,\n    f = (t.parent_type, o(t, ["src", "groupArraysAfterLength", "depth", "name", "theme", "jsvRoot", "namespace", "parent_type"])),\n    p = 0,\n    h = 5 * this.props.indentWidth;\n    u || (p = 5 * this.props.indentWidth);\n    var v = r,\n    g = Math.ceil(n.length / v);\n    return d.default.createElement("div", I({\n    className: "object-key-val"\n    }, (0, b.default)(s, u ? "jsv-root" : "objectKeyVal", {\n    paddingLeft: p\n    })), d.default.createElement(m.default, this.props), d.default.createElement("span", null, d.default.createElement(y.default, I({\n    size: n.length\n    }, this.props))), [].concat(a(Array(g)).map(function (t, r) {\n    return d.default.createElement("div", I({\n    key: r,\n    className: "object-key-val array-group"\n    }, (0, b.default)(s, "objectKeyVal", {\n    marginLeft: 6,\n    paddingLeft: h\n    })), d.default.createElement("span", (0, b.default)(s, "brace-row")), d.default.createElement("div", I({\n    className: "icon-container"\n    }, (0, b.default)(s, "icon-container")), {\n    onClick: function onClick(t) {\n    e.toggleCollapsed(r);\n    }\n    }, e.getExpandedIcon(r)), e.state.expanded[r] ? d.default.createElement(_default, I({\n    key: i + r,\n    depth: 0,\n    name: !1,\n    collapsed: !1,\n    groupArraysAfterLength: v,\n    index_offset: r * v,\n    src: n.slice(r * v, r * v + v),\n    namespace: c,\n    type: "array",\n    parent_type: "array_group",\n    theme: s\n    }, f)) : d.default.createElement("span", I({\n    }, (0, b.default)(s, "brace")), {\n    onClick: function onClick(t) {\n    e.toggleCollapsed(r);\n    },\n    className: "array-group-brace"\n    }, "[", d.default.createElement("div", I({\n    }, (0, b.default)(s, "array-group-meta-data")), {\n    className: "array-group-meta-data"\n    }, d.default.createElement("span", I({\n    className: "object-size"\n    }, (0, b.default)(s, "object-size")), r * v, " - ", r * v + v > n.length ? n.length : r * v + v)), "]]");\n    };\n    })), t;\n    })(d.default.PureComponent);\n    t.default = O;\n    }, function (e, t, n) {\n    "use strict";\n    function r(e) {\n    return e && e.__esModule ? e : {\n

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default: e\n    }\n    }\n\n    function a(e) {\n        var t = e.parent_type,\n            n = e.namespace,\n            r = e.theme,\n            a = e.jsvRoot,\n            i = e.name,\n            u = e.name ? e.name : \"\";\n        return !a || !1 !== i && null !== i ? \"array\" == t ? s.default.createElement(\"span\", o({}, (0, l.default)(r, \"array-key\")), {\n            key: n\n        }), s.default.createElement(\"span\", {\n            className: \"array-key\"\n        }, u), s.default.createElement(\"span\", (0, l.default)(r, \"colon\"), \":\") : s.default.createElement(\"span\", o({}, (0, l.default)(r, \"object-name\")), {\n            key: n\n        }), s.default.createElement(\"span\", {\n            className: \"object-key\"\n        }, s.default.createElement(\"span\", {\n            style: {\n                verticalAlign: \"top\"\n            }\n        }, \"\"), s.default.createElement(\"span\", null, u), s.default.createElement(\"span\", {\n            style: {\n                verticalAlign: \"top\"\n            }\n        }, \"\")), s.default.createElement(\"span\", (0, l.default)(r, \"colon\"), \":\") : s.default.createElement(\"span\", null);\n    }\n\n    Object.defineProperty(t, \"__esModule\", {\n        value: !0\n    });\n\n    var o = Object.assign || function (e) {\n        for (var t = 1; t < arguments.length; t++) {\n            var n = arguments[t];\n\n            for (var r in n) {\n                Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n            }\n\n            return e;\n        }\n\n        t.default = a;\n        var i = n(0),\n            s = r(i),\n            u = n(1),\n            l = r(u);\n    }, function (e, t, n) {\n        \"use strict\";\n\n        function r(e) {\n            return e && e.__esModule ? e : {\n                default: e\n            };\n        }\n\n        function a(e) {\n            var t = e.theme;\n\n            switch (e.iconStyle) {\n                case \"triangle\":\n                    return u.default.createElement(f.ArrowDown, i({}, (0, c.default)(t, \"expanded-icon\")), {\n                        className: \"expanded-icon\"\n                    });\n\n                case \"square\":\n                    return u.default.createElement(f.SquareMinus, i({}, (0, c.default)(t, \"expanded-icon\")), {\n                        className: \"expanded-icon\"\n                    });\n\n                default:\n                    return u.default.createElement(f.CircleMinus, i({}, (0, c.default)(t, \"expanded-icon\")), {\n                        className: \"expanded-icon\"\n                    });\n            }\n\n            function o(e) {\n                var t = e.theme;\n\n                switch (e.iconStyle) {\n                    case \"triangle\":\n                        return u.default.createElement(f.ArrowRight, i({}, (0, c.default)(t, \"collapsed-icon\")), {\n                            className: \"collapsed-icon\"\n                        });\n\n                    case \"square\":\n                        return u.default.createElement(f.SquarePlus, i({}, (0, c.default)(t, \"collapsed-icon\")), {\n                            className: \"collapsed-icon\"\n                        });\n\n                    default:\n                        return u.default.createElement(f.CirclePlus, i({}, (0, c.default)(t, \"collapsed-icon\")), {\n                            className: \"collapsed-icon\"\n                        });\n                }\n            }\n\n            Object.defineProperty(t, \"__esModule\", {\n                value: !0\n            });\n\n            var i = Object.assign || function (e) {\n                for (var t = 1; t < arguments.length; t++) {\n                    var n = arguments[t];\n\n                    for (var r in n) {\n                        Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n                    }\n\n                    return e;\n                }\n\n                t.ExpandedIcon = a, t.CollapsedIcon = o;\n                var s = n(0),\n                    u = r(s),\n                    l = n(1),\n                    c = r(l),\n                    f = n(15);\n            }, function (e, t, n) {\n                e.exports = n(61);\n            }, function (e, t, n) {\n                \"use strict\";\n\n                function r(e) {\n                    return e && e.__esModule ? e : {\n                        default: e\n                    };\n                }\n\n                function a(e, t) {\n                    if (!(e instanceof t))\n                        throw new TypeError(\"Cannot call a class as a function\");\n                }\n\n                function o(e, t) {\n                    if (!e) throw new ReferenceError(\"this hasn't been initialised - super() hasn't been called\");\n                    return !t || \"object\" != typeof t && \"function\" != typeof t ? e : t;\n                }\n\n                function i(e, t) {\n                    if (\"function\" != typeof t && null !== t) throw new TypeError(\"Super expression must either be null or a function, not \" + typeof t);\n                    e.prototype = Object.create(t && t.prototype, {\n                        constructor: {\n                            value: e,\n                            enumerable: !1,\n                            writable: !0,\n                            configurable: !0\n                        }\n                    }, t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__ = t));\n                }\n\n                Object.defineProperty(t, \"__esModule\", {\n                    value: !0\n                });\n\n                var s = Object.assign || function (e) {\n                    for (var t = 1; t < arguments.length; t++) {\n                        var n = arguments[t];\n\n                        for (var r in n) {\n                            Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n                        }\n\n                        return e;\n                    },\n                    u = function () {\n                        function e(e, t) {\n                            for (var n = 0; n < t.length; n++) {\n                                var r = t[n];\n\n                                r.enumerable = r.enumerable || !1, r.configurable = !0, \"value\" in r && (r.writable = !0), Object.defineProperty(e, r.key, r);\n                            }\n\n                            return function (t, n, r) {\n                                return n && e(t.prototype, n), r && e(t, r), t;\n                            };\n                        }\n\n                        l = n(0),\n                            c = r(l),\n                            f = n(41),\n                            d = n(62),\n                            p = r(d),\n                            b = n(177),\n                            h = r(b),\n                            y = n(179),\n                            v = r(y),\n                            m = n(4),\n                            g = n(13),\n                            _ = r(g),\n                            j = n(1),\n                            O = r(j);\n\n                        n(180);\n\n                        var E = function (e) {\n                            function t(e) {\n                                a(this, t);\n                                var n = o(this, (t.__proto__ || Object.getPrototypeOf(t)).call(this, e));\n                                return n.rjvId = Date.now().toString(), n.getListeners = function () {\n                                    return {\n                                        reset: n.resetState,\n                                        \"variable-update\": n.updateSrc,\n                                        \"add-key-request\":

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n.addKeyRequest\n      );\n      }, n.updateSrc = function () {\n      var e = _default.get(n.rjvId, \"action\",  
\"variable-update\"),\n      t = e.name,\n      r = e.namespace,\n      a = e.new_value,\n      o =  
e.existing_value,\n      i = (e.variable_removed, e.updated_src),\n      s = e.type,\n      u = n.props,\n      l = u.onEdit,\n      c = u.onDelete,\n      f = u.onAdd,\n      d = n.state.src,\n      p = void 0,\n      b = {\n      existing_src: d,\n      new_value: a,\n      updated_src: i,\n      name: t,\n      namespace: r,\n      existing_value: o\n      });\n      switch (s) {\n      case \"variable-added\":\n      p = f(b);\n      break;\n      case \"variable-edited\":\n      p = l(b);\n      break;\n      case  
\"variable-removed\":\n      p = c(b);\n      }\n      !! !== p ? (_default.set(n.rjvId, \"global\", \"src\", i),  
n.setState({\n      src: i\n      })): n.setState({\n      validationFailure: !0\n      });\n      },  
n.addKeyRequest = function () {\n      n.setState({\n      addKeyRequest: !0\n      });\n      }, n.resetState =  
function () {\n      n.setState({\n      validationFailure: !1,\n      addKeyRequest: !1\n      });\n      },  
n.state = {\n      addKeyRequest: !1,\n      editKeyRequest: !1,\n      validationFailure: !1,\n      src:  
t.defaultProps.src,\n      name: t.defaultProps.name,\n      theme: t.defaultProps.theme,\n      validationMessage: t.defaultProps.validationMessage,\n      prevSrc: t.defaultProps.src,\n      prevName:  
t.defaultProps.name,\n      prevTheme: t.defaultProps.theme\n      }, n;\n      }\n      return i(t, e), u(t, [{\n      key: \"componentDidMount\",  
value: function value() {\n      _default.set(this.rjvId, \"global\", \"src\",  
this.state.src);\n      var e = this.getListeners();\n      for (var t in e) {\n      _default.on(t + \"-\" +  
this.rjvId, e[t]);\n      }\n      this.setState({\n      addKeyRequest: !1,\n      editKeyRequest: !1\n      });\n      }\n      }, {\n      key: \"componentDidUpdate\",  
value: function value(e, t) {\n      !! !==  
t.addKeyRequest && this.setState({\n      addKeyRequest: !1\n      }), !! !== t.editKeyRequest &&  
this.setState({\n      editKeyRequest: !1\n      }), e.src !== this.state.src && _default.set(this.rjvId, \"global\",  
\"src\", this.state.src);\n      }\n      }, {\n      key: \"componentWillUnmount\",  
value: function value() {\n      var e = this.getListeners();\n      for (var t in e) {\n      _default.removeListener(t + \"-\" + this.rjvId,  
e[t]);\n      }\n      }\n      }, {\n      key: \"render\",  
value: function value() {\n      var e = this.state,\n      t = e.validationFailure,\n      n = e.validationMessage,\n      r = e.addKeyRequest,\n      a =  
e.theme,\n      o = e.src,\n      i = e.name,\n      u = this.props,\n      l = u.style,\n      f =  
u.defaultValue;\n      return c.default.createElement(\"div\", {\n      className: \"react-json-view\",  
style: s({\n      (0, O.default)(a, \"app-container\").style, l\n      }, c.default.createElement(v.default, {\n      message: n,\n      active: t,\n      theme: a,\n      rjvId: this.rjvId\n      })),  
c.default.createElement(p.default, s({\n      src: o,\n      name: i,\n      theme: a,\n      type: (0, m.toType)(o),\n      rjvId: this.rjvId\n      })), c.default.createElement(h.default, {\n      active: r,\n      theme: a,\n      rjvId: this.rjvId,\n      defaultValue: f\n      }));\n      }\n      }], [{\n      key:  
\"getDerivedStateFromProps\",  
value: function value(e, n) {\n      if (e.src !== n.prevSrc || e.name !==  
n.prevName || e.theme !== n.prevTheme) {\n      var r = {\n      src: e.src,\n      name: e.name,\n      theme: e.theme,\n      validationMessage: e.validationMessage,\n      prevSrc: e.src,\n      prevName:  
e.name,\n      prevTheme: e.theme\n      };  
return t.validateState(r);\n      }\n      return null;\n      }\n      }], t;\n      }(c.default.PureComponent);\n      E.defaultProps = {\n      src: {},\n      name: \"root\",  
theme: \"rjv-default\",  
collapsed: !1,\n      collapseStringsAfterLength: !1,\n      shouldCollapse: !1,\n      sortKeys: !1,\n      groupArraysAfterLength: 100,\n      indentWidth: 4,\n      enableClipboard: !0,\n      displayObjectSize: !0,\n      displayDataTypes: !0,\n      onEdit: !1,\n      onDelete: !1,\n      onAdd: !1,\n      onSelect:  
!1,\n      iconStyle: \"triangle\",  
style: {},  
validationMessage: \"Validation Error\",  
defaultValue:  
null\n      }, E.validateState = function (e) {\n      var t = {};\n      return \"object\" !== (0, m.toType)(e.theme) || (0,  
m.isTheme)(e.theme) || (console.error(\"react-json-view error:\", \"theme prop must be a theme name or valid base-  
16 theme object.\"), 'defaulting to \"rjv-default\" theme'), t.theme = \"rjv-default\"), \"object\" !== (0,  
m.toType)(e.src) && \"array\" !== (0, m.toType)(e.src) && (console.error(\"react-json-view error:\", \"src property  
must be a valid json object\")), t.name = \"ERROR\", t.src = {\n      message: \"src property must be a valid json  
object\"\n      }, s({\n      e, t\n      }, (0, f.polyfill)(E), t.default = E;\n      }, function (e, t, n) {\n      \"use strict\";\n      function r(e) {\n      return e && e.__esModule ? e : {\n      default: e\n      };  
}\n      function a(e, t) {\n      if

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(!e instanceof t) throw new TypeError("Cannot call a class as a function");
}

function o(e, t) {
  if (!e) throw new ReferenceError("this hasn't been initialised - super() hasn't been called");
  return !t || "object" !== typeof t && "function" !== typeof t ? e : t;
}

function i(e, t) {
  if ("function" !== typeof t && null !== t) throw new TypeError("Super expression must either be null or a function, not " + typeof t);
  e.prototype = Object.create(t && t.prototype, {
    constructor: {
      value: e,
      enumerable: !1,
      writable: !0,
      configurable: !0
    }
  }), t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__ = t);
  Object.defineProperty(t, "__esModule", {
    value: !0
  });
  var s = Object.assign || function (e) {
    for (var t = 1; t < arguments.length; t++) {
      var n = arguments[t];
      for (var r in n) Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);
    }
    return e;
  }, u = n(0), l = r(u), c = n(25), f = r(c), d = n(57), p = r(d), b = function (e) {
  function t() {
    var e, n, r, i;
    a(this, t);
    for (var u = arguments.length, c = Array(u), d = 0; d < u; d++) {
      c[d] = arguments[d];
    }
    return n = r = o(this, (e = t.__proto__ || Object.getPrototypeOf(t)).call.apply(e, [this].concat(c))), r.render = function () {
      var e = r, t = e.props, n = [t.name], a = f.default;
      return t.groupArraysAfterLength && t.src.length > t.groupArraysAfterLength && (a = p.default), l.default.createElement("div", {
        className: "pretty-json-container object-container"
      }, l.default.createElement("div", {
        className: "object-content"
      }, l.default.createElement(a, s({
        namespace: n,
        depth: 0,
        jsvRoot: !0
      }, t))));
    }, i = n, o(r, i);
  }
  return i(t, e), t;
}(l.default.PureComponent);
t.default = b;
}, function (e, t, n) {
  "use strict";
  function r(e) {
    return e && e.__esModule ? e : {
      default: e
    };
  }
  function a(e, t) {
    if (!(e instanceof t)) throw new TypeError("Cannot call a class as a function");
  }
  function o(e, t) {
    if (!e) throw new ReferenceError("this hasn't been initialised - super() hasn't been called");
    return !t || "object" !== typeof t && "function" !== typeof t ? e : t;
  }
  function i(e, t) {
    if ("function" !== typeof t && null !== t) throw new TypeError("Super expression must either be null or a function, not " + typeof t);
    e.prototype = Object.create(t && t.prototype, {
      constructor: {
        value: e,
        enumerable: !1,
        writable: !0,
        configurable: !0
      }
    }), t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__ = t);
    Object.defineProperty(t, "__esModule", {
      value: !0
    });
    var s = Object.assign || function (e) {
      for (var t = 1; t < arguments.length; t++) {
        var n = arguments[t];
        for (var r in n) Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);
      }
      return e;
    }, u = function () {
      function e(e, t) {
        for (var n = 0; n < t.length; n++) {
          var r = t[n];
          r.enumerable = r.enumerable || !1, r.configurable = !0, "value" in r && (r.writable = !0), Object.defineProperty(e, r.key, r);
        }
        return function (t, n, r) {
          return n && e(t.prototype, n, r) && e(t, r), t;
        }, l = n(0), c = r(l), f = n(6), d = r(f), p = n(1), b = r(p), h = function (e) {
          function t() {
            return a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments));
          }
          return i(t, e), u(t, [{
            key: "render",
            value: function value() {
              var e = this.props;
              return c.default.createElement("div", (0, b.default)(e.theme, "boolean"), c.default.createElement(d.default, s({
                type_name: "bool"
              }, e)), e.value ? "true" : "false");
            }
          }]), t;
        }(c.default.PureComponent);
        t.default = h;
      }, function (e, t, n) {
        "use strict";
        Object.defineProperty(t, "__esModule", {
          value: !0
        }), t.rjv_default = {
          scheme: "rjv-default",
          author: "mac gainor",
          base00: "rgba(0, 0, 0)",
          base01: "rgb(245, 245, 245)",
          base02: "rgb(235, 235, 235)",
          base03: "#93a1a1",
          base04: "rgba(0, 0, 0, 0.3)",
          base05: "#586e75",
          base06: "#073642",
          base07: "#002b36",
          base08: "#d33682",
          base09: "#cb4b16",
          base0A: "#dc322f",
          base0B: "#859900",
          base0C: "#6c71c4",
          base0D: "#586e75",
          base0E: "#2aa198",
          base0F: "#268bd2"
        }, t.rjv_grey = {
          scheme: "rjv-grey",
          author: "mac gainor",
          base00: "rgba(1, 1, 1, 0)",
          base01: "rgba(1, 1, 1, 0.1)",
          base02: "rgba(0, 0, 0, 0.2)",
          base03: "rgba(1, 1, 1, 0.3)",
          base04: "rgba(0, 0, 0, 0.4)",
          base05: "rgba(1, 1, 1, 0.5)",
          base06: "rgba(1, 1, 1, 0.6)",
          base07: "rgba(1, 1, 1, 0.7)",
          base08: "rgba(1, 1, 1, 0.8)",
          base09: "rgba(1, 1, 1, 0.8)",
          base0A: "rgba(1, 1, 1, 0.8)",
          base0B: "rgba(1, 1, 1, 0.8)",
          base0C: "rgba(1, 1, 1, 0.8)",
          base0D: "rgba(1, 1, 1, 0.8)",
          base0E: "rgba(1, 1, 1, 0.8)",
          base0F: "rgba(1, 1, 1, 0.8)"
        }
      }
    }
  }
}

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};\n }, function (e, t, n) {\n  \"use strict\";\n\n  Object.defineProperty(t, \"__esModule\", {\n    value: !0\n  }),\n  t.default = {\n    white: \"#fff\", \n    black: \"#000\", \n    transparent: \"rgba(1, 1, 1, 0)\", \n    globalFontFamily: \"monospace\", \n    globalCursor: \"default\", \n    indentBlockWidth: \"5px\", \n    braceFontWeight: \"bold\", \n    braceCursor: \"pointer\", \n    ellipsisFontSize: \"18px\", \n    ellipsisLineHeight: \"10px\", \n    ellipsisCursor: \"pointer\", \n    keyMargin: \"0px 5px\", \n    keyLetterSpacing: \"0.5px\", \n    keyFontStyle: \"none\", \n    keyBorderRadius: \"3px\", \n    keyColonWeight: \"bold\", \n    keyVerticalAlign: \"top\", \n    keyOpacity: \"0.85\", \n    keyOpacityHover: \"1\", \n    keyValPaddingTop: \"3px\", \n    keyValPaddingBottom: \"3px\", \n    keyValPaddingRight: \"5px\", \n    keyValBorderLeft: \"1px solid\", \n    keyValBorderHover: \"2px solid\", \n    keyValPaddingHover: \"3px 5px 3px 4px\", \n    pushedContentMarginLeft: \"6px\", \n    variableValuePaddingRight: \"6px\", \n    nullFontSize: \"11px\", \n    nullFontWeight: \"bold\", \n    nullPadding: \"1px 2px\", \n    nullBorderRadius: \"3px\", \n    nanFontSize: \"11px\", \n    nanFontWeight: \"bold\", \n    nanPadding: \"1px 2px\", \n    nanBorderRadius: \"3px\", \n    undefinedFontSize: \"11px\", \n    undefinedFontWeight: \"bold\", \n    undefinedPadding: \"1px 2px\", \n    undefinedBorderRadius: \"3px\", \n    dataTypeFontSize: \"11px\", \n    dataTypeMarginRight: \"4px\", \n    datatypeOpacity: \"0.8\", \n    objectSizeBorderRadius: \"3px\", \n    objectSizeFontStyle: \"italic\", \n    objectSizeMargin: \"0px 6px 0px 0px\", \n    clipboardCursor: \"pointer\", \n    clipboardCheckMarginLeft: \"-12px\", \n    metaDataPadding: \"0px 0px 0px 10px\", \n    arrayGroupMetaPadding: \"0px 0px 0px 4px\", \n    iconContainerWidth: \"17px\", \n    tooltipPadding: \"4px\", \n    editInputHeight: \"25px\", \n    editInputMinWidth: \"130px\", \n    editInputBorderRadius: \"2px\", \n    editInputPadding: \"5px\", \n    editInputMarginRight: \"4px\", \n    editInputFontFamily: \"monospace\", \n    iconCursor: \"pointer\", \n    iconFontSize: \"15px\", \n    iconPaddingRight: \"1px\", \n    dateValueMarginLeft: \"2px\", \n    iconMarginRight: \"3px\", \n    detectedRowPaddingTop: \"3px\", \n    addKeyCoverBackground: \"rgba(255, 255, 255, 0.3)\", \n    addKeyCoverPosition: \"absolute\", \n    addKeyCoverPositionPx: \"0px\", \n    addKeyModalWidth: \"200px\", \n    addKeyModalMargin: \"auto\", \n    addKeyModalPadding: \"10px\", \n    addKeyModalRadius: \"3px\" \n  };\n\n  }, function (e, t, n) {\n    \"use strict\";\n\n    function r(e) {\n      return e && e.__esModule ? e : {\n        default: e\n      };\n    }\n\n    Object.defineProperty(t, \"__esModule\", {\n      value: !0\n    }), t.getBase16Theme =\n    t.createStyling = t.invertTheme = void 0;\n\n    var a = n(67),\n        o = r(a),\n        i = n(94),\n        s = r(i),\n        u = n(99),\n        l = r(u),\n        c = n(107),\n        f = r(c),\n        d = n(111),\n        p = r(d),\n        b = n(112),\n        h = function (e) {\n          if (e && e.__esModule) return e;\n          var t = {};\n          if (null !== e) for (var n in e) {\n            Object.prototype.hasOwnProperty.call(e, n) && (t[n] = e[n]);\n          }\n          return t.default = e, t;\n        }(b),\n        y = n(150),\n        v = r(y),\n        m = n(151),\n        g = r(m),\n        _ = n(156),\n        j = r(_),\n        O = n(157),\n        E = h.default,\n        w = (0, f.default)(E),\n        x = function x(e) {\n          return e < .25 ? 1 : e < .5 ? .9 - e : 1.1 - e;\n        },\n        C = (0, j.default)(g.default, O.rgb2yuv, function (e) {\n          var t = (0, l.default)(e, 3),\n              n = t[0],\n              r = t[1],\n              a = t[2];\n          return [x(n), r, a];\n        }, O.yuv2rgb, v.default),\n        k = function k(e) {\n          return function (t) {\n            return {\n              className: [t.className, e.className].filter(Boolean).join(\" \"),\n              style: (0, s.default)({\n                t: t.style || {},\n                e: e.style || {}\n              });\n            };\n          },\n          P = function P(e, t) {\n            if (void 0 === e) return t;\n            if (void 0 === t) return e;\n            var n = void 0 === e ? \"undefined\" : (0, o.default)(e),\n                r = void 0 === t ? \"undefined\" : (0, o.default)(t);\n\n            switch (n) {\n              case \"string\":\n                switch (r) {\n                  case \"string\":\n                    return [t, e].filter(Boolean).join(\" \");\n                  case \"object\":\n                    return k({\n                      className: e,\n                      style: t\n                    });\n                  case \"function\":\n                    return function (n) {\n                      for (var r = arguments.length, a = Array(r > 1 ? r - 1 : 0), o = 1; o < r; o++) {\n                        a[o - 1] = arguments[o];\n                      }\n                      return k({\n                        className: e\n                      })(t.apply(void 0, [n].concat(a)));
                }\n            }\n\n            case \"object\":\n              switch (r) {\n                case \"string\":\n                  return k({\n                    className: t,\n                    style: e\n                  });\n                case \"object\":\n                  return (0, s.default)({\n                    t: t,\n                    e: e\n                  });\n                case \"function\":\n                  return function (n) {\n                    for (var r = arguments.length, a = Array(r > 1 ? r - 1 : 0), o = 1; o < r; o++) {\n                      a[o - 1] = arguments[o];\n                    }\n                    return k({\n                      style: e\n                    })(t.apply(void 0, [n].concat(a)));
                }\n            }\n\n            case \"function\":\n              return function (n) {\n                for (var r = arguments.length, a = Array(r > 1 ? r - 1 : 0), o = 1; o < r; o++) {\n                  a[o - 1] = arguments[o];\n                }\n                return k({\n                  style: e\n                })(t.apply(void 0, [n].concat(a)));
              }\n            }\n\n            case \"string\":\n              return function (n) {\n                for (var r = arguments.length, a = Array(r > 1

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? r - 1 : 0), o = 1; o < r; o++) {\n          a[o - 1] = arguments[o];\n          }\n          return e.apply(void 0,
[k(n)({\n          className: t\n          })].concat(a));\n          };\n          case \"object\":\n          return
function (n) {\n          for (var r = arguments.length, a = Array(r > 1 ? r - 1 : 0), o = 1; o < r; o++) {\n
a[o - 1] = arguments[o];\n          }\n          return e.apply(void 0, [k(n)({\n          style: t\n
})].concat(a));\n          };\n          case \"function\":\n          return function (n) {\n          for (var r =
arguments.length, a = Array(r > 1 ? r - 1 : 0), o = 1; o < r; o++) {\n          a[o - 1] = arguments[o];\n
}\n          return e.apply(void 0, [t.apply(void 0, [n].concat(a))].concat(a));\n          };\n          }\n          }\n
},\n          S = function S(e, t) {\n          var n = (0, f.default)(t);\n          for (var r in e) {\n          -1 === n.indexOf(r) &&
n.push(r);\n          }\n          return n.reduce(function (n, r) {\n          return n[r] = P(e[r], t[r]), n;\n          }, {});\n          },\n          M = function M(e, t) {\n          for (var n = arguments.length, r = Array(n > 2 ? n - 2 : 0), a = 2; a < n; a++) {\n          r[a -
2] = arguments[a];\n          }\n          if (null === t) return e;\n          Array.isArray(t) || (t = [t]);\n          var i = t.map(function
(t) {\n          return e[t];\n          }).filter(Boolean),\n          u = i.reduce(function (e, t) {\n          return \"string\" == typeof t
? e.className = [e.className, t].filter(Boolean).join(\" \"): \"object\" === (void 0 === t ? \"undefined\" : (0,
o.default)(t)) ? e.style = (0, s.default)({}, e.style, t) : \"function\" == typeof t && (e = (0, s.default)({}, e,
t.apply(void 0, [e.concat(r)])), e);\n          }, {\n          className: \"\",\n          style: {}\n          });\n          return u.className ||
delete u.className, 0 === (0, f.default)(u.style).length && delete u.style, u;\n          },\n          A = t.invertTheme =
function (e) {\n          return (0, f.default)(e).reduce(function (t, n) {\n          return t[n] = /^base/.test(n) ? C(e[n]) :
\"scheme\" === n ? e[n] + \":inverted\" : e[n], t;\n          }, {});\n          },\n          R = (t.createStyling = (0,
p.default)(function (e) {\n          for (var t = arguments.length, n = Array(t > 3 ? t - 3 : 0), r = 3; r < t; r++) {\n          n[r -
3] = arguments[r];\n          }\n          var a = arguments.length > 1 && void 0 !== arguments[1] ? arguments[1] : {},\n          o = arguments.length > 2 && void 0 !== arguments[2] ? arguments[2] : {},\n          i = a.defaultBase16,\n          u = void 0 === i ? E : i,\n          l = a.base16Themes,\n          c = void 0 === l ? null : l,\n          d = R(o, c);\n          d &&
(o = (0, s.default)({}, d, o));\n          var b = w.reduce(function (e, t) {\n          return e[t] = o[t] || u[t], e;\n          }, {}),\n          h = (0, f.default)(o).reduce(function (e, t) {\n          return -1 === w.indexOf(t) ? (e[t] = o[t], e) : e;\n          }, {}),\n          y = e(b),\n          v = S(h, y);\n          return (0, p.default)(M, 2).apply(void 0, [v.concat(n)];\n          }, 3),\n          t.getBase16Theme = function (e, t) {\n          if (e && e.extend && (e = e.extend), \"string\" == typeof e) {\n          var n
= e.split(\":\"),\n          r = (0, l.default)(n, 2),\n          a = r[0],\n          o = r[1];\n          e = (t || {})[a] || h[a],\n          \"inverted\" === o && (e = A(e));\n          }\n          return e && e.hasOwnProperty(\"base00\") ? e : void 0;\n          });\n          },\n          function (e, t, n) {\n          \"use strict\";\n          function r(e) {\n          return e && e.__esModule ? e : {\n          default: e\n
};\n          }\n          t.__esModule = !0;\n          var a = n(68),\n          o = r(a),\n          i = n(83),\n          s = r(i),\n          u =
\"function\" == typeof s.default && \"symbol\" == typeof o.default ? function (e) {\n          return typeof e;\n          } :
function (e) {\n          return e && \"function\" == typeof s.default && e.constructor === s.default && e !==
s.default.prototype ? \"symbol\" : typeof e;\n          };\n          t.default = \"function\" == typeof s.default && \"symbol\" ===
u(o.default) ? function (e) {\n          return void 0 === e ? \"undefined\" : u(e);\n          } : function (e) {\n          return e &&
\"function\" == typeof s.default && e.constructor === s.default && e !== s.default.prototype ? \"symbol\" : void 0
=== e ? \"undefined\" : u(e);\n          };\n          }, function (e, t, n) {\n          e.exports = {\n          default: n(69),\n          __esModule:
!0\n          };\n          }, function (e, t, n) {\n          n(26), n(36), e.exports = n(37).f(\"iterator\");\n          }, function (e, t, n) {\n          var r =
n(27),\n          a = n(28);\n          e.exports = function (e) {\n          return function (t, n) {\n          var o,\n          i,\n          s
= String(a(t)),\n          u = r(n),\n          l = s.length;\n          return u < 0 || u >= 1 ? e ? \"\" : void 0 : (o =
s.charCodeAtAt(u), o < 55296 || o > 56319 || u + 1 === l || (i = s.charCodeAtAt(u + 1)) < 56320 || i > 57343 ? e ?
s.charAt(u) : o : e ? s.slice(u, u + 2) : i - 56320 + (o - 55296 << 10) + 65536);\n          };\n          }, function (e, t, n) {\n
var r = n(72);\n          e.exports = function (e, t, n) {\n          if (r(e), void 0 === t) return e;\n          switch (n) {\n
case 1:\n          return function (n) {\n          return e.call(t, n);\n          };\n          case 2:\n          return function (n, r)
{\n          return e.call(t, n, r);\n          };\n          case 3:\n          return function (n, r, a) {\n          return e.call(t, n,
r, a);\n          };\n          }\n          return function () {\n          return e.apply(t, arguments);\n          };\n          }, function (e,
t) {\n          e.exports = function (e) {\n          if (\"function\" != typeof e) throw TypeError(e + \" is not a function!\");\n
return e;\n          };\n          }, function (e, t, n) {\n          \"use strict\";\n          var r = n(47),\n          a = n(22),\n          o = n(34),\n          i
= {};\n          n(8)(i, n(3)(\"iterator\"), function () {\n          return this;\n          }), e.exports = function (e, t, n) {\n

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e.prototype = r(i, {\n      next: a(1, n)\n    });, o(e, t + \"Iterator\");\n  });\n  }, function (e, t, n) {\n    var r = n(9),\n      a = n(16),\n      o = n(19);\n    e.exports = n(10) ? Object.defineProperties : function (e, t) {\n      a(e);\n      for (var n, i = o(t), s = i.length, u = 0; s > u;)\n        r.f(e, n = i[u++], t[n]);\n    }\n  }, function (e, t, n) {\n    var r = n(12),\n      a = n(76),\n      o = n(77);\n    e.exports = function (e) {\n      return function (t, n, i) {\n        var s,\n          u = r(t),\n          l = a(u.length),\n          c = o(i, l);\n        if (e && n != n) {\n          for (; l > c;)\n            if ((s = u[c++]) != s) return !0;\n        }\n        } else for (; l > c; c++) {\n          if ((e || c in u) && u[c] === n) return e || c || 0;\n        }\n        return !e && -1;\n      }\n    }, function (e, t, n) {\n      var r = n(27),\n        a = Math.min;\n      e.exports = function (e) {\n        return e > 0 ? a(r(e), 9007199254740991) : 0;\n      }\n    }, function (e, t, n) {\n      var r = n(27),\n        a = Math.max,\n        o = Math.min;\n      e.exports = function (e, t) {\n        return e = r(e), e < 0 ? a(e + t, 0) : o(e, t);\n      }\n    }, function (e, t, n) {\n      var r = n(5).document;\n      e.exports = r && r.documentElement;\n    }, function (e, t, n) {\n      var r = n(7),\n        a = n(35),\n        o = n(31)(\"IE_PROTO\"),\n        i = Object.prototype;\n      e.exports = Object.getPrototypeOf || function (e) {\n        return e = a(e), r(e, o) ? e[o] : \"function\" == typeof e.constructor && e instanceof e.constructor ? e.constructor.prototype : e instanceof Object ? i : null;\n      }\n    }, function (e, t, n) {\n      \"use strict\";\n      var r = n(81),\n        a = n(82),\n        o = n(18),\n        i = n(12);\n      e.exports = n(43)(Array, \"Array\", function (e, t) {\n        this._t = i(e), this._i = 0, this._k = t;\n      }, function () {\n        var e = this._t,\n          t = this._k,\n          n = this._i++;\n        return !e || n >= e.length ? (this._t = void 0, a(1)) : \"keys\" == t ? a(0, n) : \"values\" == t ? a(0, e[n]) : a(0, [n, e[n]]);\n      }, \"values\"), o.Arguments = o.Array, r(\"keys\"), r(\"values\"), r(\"entries\");\n    }, function (e, t) {\n      e.exports = function (e, t) {\n        return {\n          value: t,\n          done: !!e\n        };\n      }\n    }, function (e, t, n) {\n      e.exports = {\n        default: n(84),\n        __esModule: !0\n      };\n    }, function (e, t, n) {\n      n(85), n(91), n(92), n(93), e.exports = n(2).Symbol;\n    }, function (e, t, n) {\n      \"use strict\";\n      var r = n(5),\n        a = n(7),\n        o = n(10),\n        i = n(21),\n        s = n(46),\n        u = n(86).KEY,\n        l = n(11),\n        c = n(32),\n        f = n(34),\n        d = n(23),\n        p = n(3),\n        b = n(37),\n        h = n(38),\n        y = n(87),\n        v = n(88),\n        m = n(16),\n        g = n(17),\n        _ = n(12),\n        j = n(29),\n        O = n(22),\n        E = n(47),\n        w = n(89),\n        x = n(90),\n        C = n(9),\n        k = n(19),\n        P = x.f,\n        S = C.f,\n        M = w.f,\n        _A = r.Symbol,\n        R = r.JSON,\n        F = R && R.stringify,\n        D = p(\"_hidden\"),\n        T = p(\"toPrimitive\"),\n        I = {}.propertyIsEnumerable,\n        L = c(\"symbol-registry\"),\n        B = c(\"symbols\"),\n        N = c(\"op-symbols\"),\n        z = Object.prototype,\n        q = \"function\" == typeof _A,\n        V = r.QObject,\n        U = !V || !V.prototype || !V.prototype.findChild,\n        K = o && !function () {\n          return 7 != E(S({}, \"a\"), {\n            get: function get() {\n              return S(this, \"a\", {\n                value: 7\n              }).a;\n            }\n          }).a;\n        }) ? function (e, t, n) {\n          var r = P(z, t);\n          r && delete z[t], S(e, t, n), r && e !== z && S(z, t, r);\n        } : S,\n        W = function W(e) {\n          var t = B[e] = E(_A.prototype);\n          return t._k = e, t;\n        },\n        H = q && \"symbol\" == typeof _A.iterator ? function (e) {\n          return \"symbol\" == typeof e;\n        } : function (e) {\n          return e instanceof _A;\n        },\n        J = function J(e, t, n) {\n          return e === z && J(N, t, n), m(e), t = j(t, !0), m(n), a(B, t) ? (n.enumerable ? (a(e, D) && e[D][t] && (e[D][t] = !1), n = E(n, {\n            enumerable: O(0, !1)\n          })): (a(e, D) || S(e, D, O(1, {})), e[D][t] = !0), K(e, t, n)) : S(e, t, n);\n        },\n        G = function G(e, t) {\n          m(e);\n          for (var n, r = y(t = _(t)), a = 0, o = r.length; o > a;)\n            J(e, n = r[a++], t[n]);\n          return e;\n        },\n        $ = function $(e, t) {\n          return void 0 === t ? E(e) : G(E(e), t);\n        },\n        Y = function Y(e) {\n          var t = I.call(this, e = j(e, !0));\n          return !(this === z && a(B, e) && !a(N, e)) && (!(t || !a(this, e) || !a(B, e) || a(this, D) && this[D][e]) || t);\n        },\n        Q = function Q(e, t) {\n          if (e = _(e), t = j(t, !0), e !== z || !a(B, t) || a(N, t)) {\n            var n = P(e, t);\n            return !n || !a(B, t) || a(e, D) && e[D][t] || (n.enumerable = !0), n;\n          }\n        },\n        Z = function Z(e) {\n          for (var t, n = M(_(e)), r = [], o = 0; n.length > o;)\n            a(B, t = n[o++]) || t === D || t === u || r.push(t);\n          return r;\n        },\n        X = function X(e) {\n          for (var t, n = e === z, r = M(n ? N : _(e)), o = [], i = 0; r.length > i;)\n            !a(B, t = r[i++]) || n && !a(z, t) || o.push(B[t]);\n          return o;\n        },\n        q = (_A = function A() {\n          if (this instanceof _A) throw TypeError(\"Symbol is not a constructor!\");\n          var e = d(arguments.length > 0 ? arguments[0] : void 0),\n            t = function t(n) {\n              this === z && t.call(N, n), a(this, D) && a(this[D], e) && (this[D][e] = !1), K(this, e, O(1, n));\n            };\n          return o && U && K(z, e, {\n            configurable: !0,\n            set: t\n          }), W(e);\n        }, s(_A.prototype, \"toString\", function () {\n          return this._k;\n        }

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}), x.f = Q, C.f = J, n(50).f = w.f = Z, n(24).f = Y, n(39).f = X, o && !n(20) && s(z, \"propertyIsEnumerable\", Y,
!0), b.f = function (e) {\n    return W(p(e));\n    }, i(i.G + i.W + i.F * !q, {\n    Symbol: _A\n    });\n\n    for (var
ee =
\nhasInstance,isConcatSpreadable,iterator,match,replace,search,species,split,toPrimitive,toStringTag,unscopables\".s
plit(\"\",), te = 0; ee.length > te; ) {\n    p(ee[te++]);\n    }\n\n    for (var ne = k(p.store), re = 0; ne.length > re; ) {\n
h(ne[re++]);\n    }\n\n    i(i.S + i.F * !q, \"Symbol\", {\n    for: function _for(e) {\n    return a(L, e += \"\") ? L[e]
: L[e] = _A(e);\n    },\n    keyFor: function keyFor(e) {\n    if (!H(e)) throw TypeError(e + \" is not a
symbol!\");\n\n    for (var t in L) {\n    if (L[t] === e) return t;\n    }\n    },\n    useSetter: function
useSetter() {\n    U = !0;\n    },\n    useSimple: function useSimple() {\n    U = !1;\n    }\n    }, i(i.S + i.F *
!q, \"Object\", {\n    create: $,\n    defineProperty: J,\n    defineProperties: G,\n    getOwnPropertyDescriptor:
Q,\n    getOwnPropertyNames: Z,\n    getOwnPropertySymbols: X\n    }), R && i(i.S + i.F * (!q || l(function () {\n
var e = _A();\n\n    return \"[null]\" != F([e]) || \"{}\" != F({\n    a: e\n    }) || \"{}\" != F(Object(e));\n    })),
\nJSON\", {\n    stringify: function stringify(e) {\n    for (var t, n, r = [e], a = 1; arguments.length > a; ) {\n
r.push(arguments[a++]);\n    }\n\n    if (n = t = r[1], (g(t) || void 0 !== e) && !H(e)) return v(t) || (t = function
t(e, _t2) {\n    if (\"function\" == typeof n && (_t2 = n.call(this, e, _t2)), !H(_t2)) return _t2;\n    }, r[1] = t,
F.apply(R, r);\n    }\n    }, _A.prototype[T] || n(8)(_A.prototype, T, _A.prototype.valueOf), f(_A, \"Symbol\"),
f(Math, \"Math\", !0), f(r.JSON, \"JSON\", !0);\n    }, function (e, t, n) {\n    var r = n(23)(\"meta\"),\n    a =
n(17),\n    o = n(7),\n    i = n(9).f,\n    s = 0,\n    u = Object.isExtensible || function () {\n    return !0;\n
},\n    l = !n(11)(function () {\n    return u(Object.preventExtensions({}));\n    }),\n    c = function c(e) {\n
i(e, r, {\n    value: {\n    i: \"O\" + ++s,\n    w: {\n    }\n    });\n    },\n    f = function f(e, t) {\n    if
(!a(e)) return \"symbol\" == typeof e ? e : (\"string\" == typeof e ? \"S\" : \"P\") + e;\n\n    if (!o(e, r)) {\n    if
(!u(e)) return \"F\";\n    if (!t) return \"E\";\n    c(e);\n    }\n\n    return e[r].i;\n    },\n    d = function d(e, t)
{\n    if (!o(e, r)) {\n    if (!u(e)) return !0;\n    if (!t) return !1;\n    c(e);\n    }\n\n    return e[r].w;\n    },\n
p = function p(e) {\n    return l && b.NEED && u(e) && !o(e, r) && c(e, e);\n    },\n    b = e.exports = {\n
KEY: r,\n    NEED: !1,\n    fastKey: f,\n    getWeak: d,\n    onFreeze: p\n    };
}, function (e, t, n) {\n    var r =
n(19),\n    a = n(39),\n    o = n(24);\n\n    e.exports = function (e) {\n    var t = r(e),\n    n = a.f;\n    if (n)
for (var i, s = n(e), u = o.f, l = 0; s.length > l; ) {\n    u.call(e, i = s[l++]) && t.push(i);\n    }\n    return t;\n
};\n    }, function (e, t, n) {\n    var r = n(30);\n\n    e.exports = Array.isArray || function (e) {\n    return \"Array\" ==
r(e);\n    };
}, function (e, t, n) {\n    var r = n(12),\n    a = n(50).f,\n    o = {}.toString,\n    i = \"object\" ==
typeof window && window && Object.getOwnPropertyNames ? Object.getOwnPropertyNames(window) : [],\n
s = function s(e) {\n    try {\n    return a(e);\n    } catch (e) {\n    return i.slice();\n    }\n    };
\n    e.exports.f
= function (e) {\n    return i && \"[object Window]\" == o.call(e) ? s(e) : a(r(e));\n    };
}, function (e, t, n) {\n
var r = n(24),\n    a = n(22),\n    o = n(12),\n    i = n(29),\n    s = n(7),\n    u = n(44),\n    l =
Object.getOwnPropertyDescriptor;\n    t.f = n(10) ? l : function (e, t) {\n    if (e = o(e), t = i(t, !0), u) try {\n
return l(e, t);\n    } catch (e) {\n    if (s(e, t)) return a(!r.f.call(e, t), e[t]);\n    }\n    }, function (e, t) {}, function (e,
t, n) {\n    n(38)(\"asyncIterator\");\n    }, function (e, t, n) {\n    n(38)(\"observable\");\n    }, function (e, t, n) {\n
\n\"use strict\";\n\n    t.__esModule = !0;\n\n    var r = n(95),\n    a = function (e) {\n    return e && e.__esModule ?
e : {\n    default: e\n    };
}(r);\n\n    t.default = a.default || function (e) {\n    for (var t = 1; t <
arguments.length; t++) {\n    var n = arguments[t];\n\n    for (var r in n) {\n
Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n    }\n\n    return e;\n    };
}, function (e,
t, n) {\n    e.exports = {\n    default: n(96),\n    __esModule: !0\n    };
}, function (e, t, n) {\n    n(97), e.exports =
n(2).Object.assign;\n    }, function (e, t, n) {\n    var r = n(21);\n    r(r.S + r.F, \"Object\", {\n    assign: n(98)\n
});\n    }, function (e, t, n) {\n    \n\"use strict\";\n\n    var r = n(19),\n    a = n(39),\n    o = n(24),\n    i = n(35),\n    s
= n(49),\n    u = Object.assign;\n    e.exports = !u || n(11)(function () {\n    var e = {},\n    t = {},\n    n =
Symbol(),\n    r = \"abcdefghijklmnopqrst\";\n    return e[n] = 7, r.split(\"\" ).forEach(function (e) {\n    t[e] =
e;\n    }), 7 != u({}, e)[n] || Object.keys(u({}, t)).join(\"\") != r;\n    }) ? function (e, t) {\n    for (var n = i(e), u =
arguments.length, l = 1, c = a.f, f = o.f; u > l; ) {\n    for (var d, p = s(arguments[l++]), b = c ? r(p).concat(c(p)) :
r(p), h = b.length, y = 0; h > y; ) {\n    f.call(p, d = b[y++]) && (n[d] = p[d]);\n    }\n\n    }\n\n    return n;\n    }

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: u;\n }, function (e, t, n) {\n  \nuse strict\;\n\n  function r(e) {\n    return e && e.__esModule ? e : {\n      default: e\n    };\n  }\n\n  t.__esModule = !0;\n  var a = n(100),\n      o = r(a),\n      i = n(103),\n      s = r(i);\n\n  t.default = function () {\n    function e(e, t) {\n      var n = [],\n          r = !0,\n          a = !1,\n          o = void 0;\n\n      try {\n        for (var i, u = (0, s.default)(e); !(r = (i = u.next()).done) && (n.push(i.value), !t || n.length !== t); r = !0) {\n          ;\n          }\n        } catch (e) {\n          a = !0, o = e;\n        } finally {\n          try {\n            r && u.return && u.return();\n          } finally {\n            if (a) throw o;\n          }\n        }\n      }\n\n      return function (t, n) {\n        if (Array.isArray(t)) return t;\n        if ((0, o.default)(Object(t))) return e(t, n);\n        throw new TypeError("Invalid attempt to destructure non-iterable instance");\n      };\n    };\n  },\n  function (e, t, n) {\n    e.exports = {\n      default: n(101),\n      __esModule: !0\n    };\n  }, function (e, t, n) {\n    n(36), n(26), e.exports = n(102);\n  }, function (e, t, n) {\n    var r = n(51),\n        a = n(3)(\\"iterator\\"),\n        o = n(18);\n\n    e.exports = n(2).isIterable = function (e) {\n      var t = Object(e);\n      return void 0 !== t[a] || \n      \\'@@iterator\'' in t || o.hasOwnProperty(r(t));\n    };\n  }, function (e, t, n) {\n    e.exports = {\n      default: n(104),\n      __esModule: !0\n    };\n  }, function (e, t, n) {\n    n(36), n(26), e.exports = n(105);\n  }, function (e, t, n) {\n    var r = n(16),\n        a = n(106);\n\n    e.exports = n(2).getIterator = function (e) {\n      var t = a(e);\n      if (\\'function\' !== typeof t) throw TypeError(e + \\' is not iterable\');\n      return r(t.call(e));\n    };\n  }, function (e, t, n) {\n    var r = n(51),\n        a = n(3)(\\"iterator\\"),\n        o = n(18);\n\n    e.exports = n(2).getIteratorMethod = function (e) {\n      if (void 0 !== e) return e[a] || e[\'@@iterator\'] || o[r(e)];\n    };\n  }, function (e, t, n) {\n    e.exports = {\n      default: n(108),\n      __esModule: !0\n    };\n  }, function (e, t, n) {\n    n(109), e.exports = n(2).Object.keys;\n  }, function (e, t, n) {\n    var r = n(35),\n        a = n(19);\n\n    n(110)(\\"keys\\", function () {\n      return function (e) {\n        return a(r(e));\n      };\n    });\n  }, function (e, t, n) {\n    var r = n(21),\n        a = n(2),\n        o = n(11);\n\n    e.exports = function (e, t) {\n      var n = (a.Object || {})[e] || Object[e],\n          i = {};\n      i[e] = t(n), r(r.S + r.F * o(function () {\n        n(1);\n      })), \\'Object\\', i);\n    };\n  }, function (e, t, n) {\n    (function (t) {\n      function n(e, t, n) {\n        switch (n.length) {\n          case 0:\n            return e.call(t);\n          case 1:\n            return e.call(t, n[0]);\n          case 2:\n            return e.call(t, n[0], n[1]);\n          case 3:\n            return e.call(t, n[0], n[1], n[2]);\n        }\n      }\n\n      return e.apply(t, n);\n    })\n\n    function r(e, t) {\n      for (var n = -1, r = e ? e.length : 0; ++n < r && !1 !== t(e[n], n, e));)\n        ;\n    }\n\n    function a(e, t) {\n      return !(e ? e.length : 0) && i(e, t, 0) > -1;\n    }\n\n    function o(e, t, n, r) {\n      for (var a = e.length, o = n + (r ? 1 : -1); r ? o-- : ++o < a;)\n        {\n          if (t(e[o], o, e)) return o;\n        }\n      return -1;\n    }\n\n    function i(e, t, n) {\n      if (t !== t) return o(e, s, n);\n      for (var r = n - 1, a = e.length; ++r < a;)\n        {\n          if (e[r] === t) return r;\n        }\n      return -1;\n    }\n\n    function s(e) {\n      return e !== e;\n    }\n\n    function u(e, t) {\n      for (var n = e.length, r = 0; n--;)\n        e[n] === t && r++;\n      return r;\n    }\n\n    function l(e, t) {\n      return null === e ? void 0 : e[t];\n    }\n\n    function c(e) {\n      var t = !1;\n      if (null !== e && \\'function\' !== typeof e.toString) try {\n        t = !(e + \\'\\');\n      } catch (e) {\n        ;\n      }\n      return t;\n    }\n\n    function f(e, t) {\n      for (var n = -1, r = e.length, a = 0, o = []; ++n < r;)\n        var i = e[n];\n      i !== t && i !== K || (e[n] = K, o[a++] = n);\n      return o;\n    }\n\n    function d(e) {\n      return T(e) ? Me(e) : {};\n    }\n\n    function p(e) {\n      return !(T(e) || S(e)) && (D(e) || c(e) ? Se : he).test(A(e));\n    }\n\n    function b(e, t, n, r) {\n      for (var a = -1, o = e.length, i = n.length, s = -1, u = t.length, l = Ae(o - i, 0), c = Array(u + 1), f = !r; ++s < u;)\n        c[s] = t[s];\n      for (; ++a < i;)\n        (f || a < o) && (c[n[a]] = e[a]);\n      for (; l--;)\n        c[s++] = e[a++];\n      return c;\n    }\n\n    function h(e, t, n, r) {\n      for (var a = -1, o = e.length, i = -1, s = n.length, u = -1, l = t.length, c = Ae(o - s, 0), f = Array(c + 1), d = !r; ++a < c;)\n        f[a] = e[a];\n      for (var p = a; ++u < l;)\n        f[p + u] = t[u];\n      for (; ++i < s;)\n        (d || a < o) && (f[p + n[i]] = e[a++]);\n      return f;\n    }\n\n    function y(e, t) {\n      var n = -1,\n          r = e.length;\n      for (t || (t = Array(r)); ++n < r;)\n        t[n] = e[n];\n      return t;\n    }\n\n    function v(e, t, n) {\n      function r() {\n        return (this && this !== je && this instanceof r ? o : e).apply(a ? n : this, arguments);\n      }\n\n      var a = t & W,\n          o = m(e);\n      return r;\n    }\n\n    function m(e) {\n      return function () {\n        var t = arguments;\n        switch (t.length) {\n          case 0:\n            return new e();\n          case 1:\n            return new e(t[0]);\n          case 2:\n            return new e(t[0], t[1]);\n          case 3:\n            return new e(t[0], t[1], t[2]);\n          case 4:\n            return new e(t[0], t[1], t[2], t[3]);\n          case 5:\n            return

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new e(t[0], t[1], t[2], t[3], t[4]);\n\n      case 6:\n      return new e(t[0], t[1], t[2], t[3], t[4], t[5]);\n\n      case 7:\n      return new e(t[0], t[1], t[2], t[3], t[4], t[5], t[6]);\n\n      }\n      var n = d(e.prototype),\n      r = e.apply(n, t);\n      return T(r) ? r : n;\n      };\n      }\n      function g(e, t, r) {\n      function a() {\n      for\n      (var i = arguments.length, s = Array(i), u = i, l = w(a); u--;) {\n      s[u] = arguments[u];\n      }\n      }\n      var c\n      = i < 3 && s[0] !== 1 && s[i - 1] !== 1 ? [] : f(s, l);\n      return (i -= c.length) < r ? O(e, t, _, a.placeholder, void 0,\n      s, c, void 0, void 0, r - i) : n(this && this !== je && this instanceof a ? o : e, this, s);\n      }\n      }\n      var o = m(e);\n      return a;\n      }\n      function _(e, t, n, r, a, o, i, s, l, c) {\n      function d() {\n      for (var x =\n      arguments.length, C = Array(x), k = x; k--;) {\n      C[k] = arguments[k];\n      }\n      }\n      if (g) var P = w(d),\n      S = u(C, P);\n      if (r && (C = b(C, r, a, g)), o && (C = h(C, o, i, g)), x -= S, g && x < c) {\n      var\n      A = f(C, P);\n      return O(e, t, _, d.placeholder, n, C, A, s, l, c - x);\n      }\n      }\n      var R = y ? n : this,\n      F = v ? R[e] : e;\n      return x = C.length, s ? C = M(C, s) : j && x > 1 && C.reverse(), p && l < x &&\n      (C.length = l), this && this !== je && this instanceof d && (F = E || m(F)), F.apply(R, C);\n      }\n      }\n      var p = t\n      & Z,\n      y = t & W,\n      v = t & H,\n      g = t & (G | $),\n      j = t & X,\n      E = v ? void 0 :\n      m(e);\n      return d;\n      }\n      function j(e, t, r, a) {\n      function o() {\n      for (var t = -1, u =\n      arguments.length, l = -1, c = a.length, f = Array(c + u), d = this && this !== je && this instanceof o ? s : e; ++l < c);\n      {\n      f[l] = a[l];\n      }\n      }\n      for (; u--;) {\n      f[l++] = arguments[l];\n      }\n      }\n      return n(d,\n      i ? r : this, f);\n      }\n      }\n      var i = t & W,\n      s = m(e);\n      return o;\n      }\n      function O(e, t, n, r, a,\n      o, i, s, u, l) {\n      var c = t & G,\n      f = c ? i : void 0,\n      d = c ? void 0 : i,\n      p = c ? o : void 0,\n      b = c ? void 0 : o;\n      t |= c ? Y : Q, (t &= ~(c ? Q : Y)) & J || (t &= ~(W | H));\n      var h = n(e, t, a, p, f, b,\n      d, s, u, l);\n      return h.placeholder = r, De(h, e, t);\n      }\n      }\n      function E(e, t, n, r, a, o, i, s) {\n      var u = t &\n      H;\n      if (!u && \"function\" !== typeof e) throw new TypeError(U);\n      var l = r ? r.length : 0;\n      if (l || (t\n      &= ~(Y | Q), r = a = void 0), i = void 0 === i ? i : Ae(N(i), 0), s = void 0 === s ? s : N(s), l -= a ? a.length : 0, t & Q)\n      {\n      var c = r,\n      f = a;\n      r = a = void 0;\n      }\n      }\n      var d = [e, t, n, r, a, c, f, o, i, s];\n      if (e\n      = d[0], t = d[1], n = d[2], r = d[3], a = d[4], s = d[9] = null == d[9] ? u ? 0 : e.length : Ae(d[9] - 1, 0), !s && t & (G |\n      $)) && (t &= ~(G | $)), t && t !== W) p = t == G || t == $ ? g(e, t, s) : t != Y && t != (W | Y) || a.length ? _.apply(void\n      0, d) : j(e, t, n, r);\n      else var p = v(e, t, n);\n      return De(p, e, t);\n      }\n      }\n      function w(e) {\n      return\n      e.placeholder;\n      }\n      }\n      function x(e, t) {\n      var n = l(e, t);\n      return p(n) ? n : void 0;\n      }\n      }\n      function C(e) {\n      var t = e.match(fe);\n      return t ? t[1].split(de) : [];\n      }\n      }\n      function k(e, t) {\n      var\n      n = t.length,\n      r = n - 1;\n      return t[r] = (n > 1 ? \"&\" : \"\") + t[r], t = t.join(n > 2 ? \"\", \" : \" \"),\n      e.replace(ce, \"{{\\n/* [wrapped with \" + t + \" ]*/\\n\"});\n      }\n      }\n      function P(e, t) {\n      return !! (t = null == t ?\n      te : t) && (\"number\" == typeof e || ve.test(e)) && e > -1 && e % 1 == 0 && e < t;\n      }\n      }\n      function S(e) {\n      return !!xe && xe in e;\n      }\n      }\n      function M(e, t) {\n      for (var n = e.length, r = Re(t.length, n), a = y(e); r -\n      -;) {\n      var o = t[r];\n      e[r] = P(o, n) ? a[o] : void 0;\n      }\n      }\n      return e;\n      }\n      }\n      function A(e)\n      {\n      if (null != e) {\n      try {\n      return Ce.call(e);\n      } catch (e) {\n      }\n      }\n      }\n      }\n      return e\n      + \"\";\n      }\n      }\n      catch (e) {\n      }\n      }\n      return \"\";\n      }\n      }\n      function R(e, t) {\n      return r(ae, function\n      (n) {\n      var r = \"_\" + n[0];\n      t & n[1] && !a(e, r) && e.push(r);\n      }), e.sort();\n      }\n      }\n      }\n      function\n      F(e, t, n) {\n      t = n ? void 0 : t;\n      var r = E(e, G, void 0, void 0, void 0, void 0, t);\n      return\n      r.placeholder = F.placeholder, r;\n      }\n      }\n      function D(e) {\n      var t = T(e) ? Pe.call(e) : \"\";\n      return t ==\n      oe || t == ie;\n      }\n      }\n      function T(e) {\n      var t = typeof e;\n      return !!e && (\"object\" == t || \"function\"\n      == t);\n      }\n      }\n      function I(e) {\n      return !!e && \"object\" == typeof e;\n      }\n      }\n      function L(e) {\n      return\n      \"symbol\" == typeof e || I(e) && Pe.call(e) == se;\n      }\n      }\n      function B(e) {\n      return e ? (e = z(e))\n      === ee || e === -ee ? (e < 0 ? -1 : 1) * ne : e === e ? e : 0 : 0 === e ? e : 0;\n      }\n      }\n      function N(e) {\n      var t\n      = B(e),\n      n = t % 1;\n      return t === t ? n ? t - n : t : 0;\n      }\n      }\n      function z(e) {\n      if (\"number\"\n      == typeof e) return e;\n      if (L(e)) return re;\n      if (T(e)) {\n      var t = \"function\" == typeof e.valueOf ?\n      e.valueOf() : e;\n      e = T(t) ? t + \"\" : t;\n      }\n      }\n      if (\"string\" != typeof e) return 0 === e ? e : +e;\n      e\n      = e.replace(le, \"\");\n      var n = be.test(e);\n      return n || ye.test(e) ? me(e.slice(2), n ? 2 : 8) : pe.test(e) ? re :\n      +e;\n      }\n      }\n      }\n      function q(e) {\n      return function () {\n      return e;\n      };\n      }\n      }\n      }\n      function V(e) {\n      return\n      e;\n      }\n      }\n      var U = \"Expected a function\", K = \"__lodash_placeholder__\", W = 1,\n
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H = 2,\n      J = 4,\n      G = 8,\n      $ = 16,\n      Y = 32,\n      Q = 64,\n      Z = 128,\n      X =
512,\n      ee = 1 / 0,\n      te = 9007199254740991,\n      ne = 1.7976931348623157e308,\n      re = NaN,\n      ae = [[["ary", Z], ["bind", W], ["bindKey", H], ["curry", G], ["curryRight", $], ["flip", X], ["partial",
Y], ["partialRight", Q], ["rearg", 256]],\n      oe = "[object Function]",\n      ie = "[object
GeneratorFunction]",\n      se = "[object Symbol]",\n      ue = /[\^$.+?()\[\]{}|\/g,\n      le =
/\^\\s+\\|s+$/g,\n      ce = /\{\{(?:\\n\\|\\|* \\|wrapped with .+\\| \\|*\\|)?\\n?/,\\n      fe = /\{\{\\n\\|\\|* \\|wrapped with
(.+\\|) \\|*/,\\n      de = /,? & /,\\n      pe = /\^[-+]0x[0-9a-f]+$/i,\n      be = /\^0b[01]+$/i,\n      he = /\^\\|object
.+?Constructor\\|$/,\n      ye = /\^0o[0-7]+$/i,\n      ve = /\^(?:0|[1-9]\\d*)$/,\n      me = parseInt,\n      ge =
"object" == typeof t && t && t.Object === Object && t,\n      _e = "object" == typeof self && self &&
self.Object === Object && self,\n      je = ge || _e || Function("return this")(),\n      Oe = Function.prototype,\n      Ee = Object.prototype,\n      we = je["__core-js_shared__"],\n      xe = function () {\n      var e =
/[^\.] +$/ .exec(we && we.keys && we.keys.IE_PROTO || "");\n      return e ? "Symbol(src)_1." + e : "";\n
},\n      Ce = Oe.toString,\n      ke = Ee.hasOwnProperty,\n      Pe = Ee.toString,\n      Se = RegExp("\^"
+ Ce.call(ke).replace(ue, "\\\\$&").replace(/hasOwnProperty|(function).*?(?=\\\|\\|)/g, "\$1.*?") +
"\$"),\n      Me = Object.create,\n      Ae = Math.max,\n      Re = Math.min,\n      Fe = function () {\n
var e = x(Object, "defineProperty"),\n      t = x.name;\n      return t && t.length > 2 ? e : void 0;\n
},\n      De = Fe ? function (e, t, n) {\n      var r = t + "";\n      return Fe(e, "toString", {\n      configurable: !0,\n
enumerable: !1,\n      value: q(k(r, R(C(r), n)))\n      });\n      } : V;\n      F.placeholder = {}, e.exports = F;\n
}).call(t, n(52));\n }, function (e, t, n) {\n      "use strict";\n      function r(e) {\n      return e && e.__esModule ?
e.default : e;\n      }\n      t.__esModule = !0;\n      var a = n(113);\n      t.threezerotwofour = r(a);\n      var o = n(114);\n
t.apathy = r(o);\n      var i = n(115);\n      t.ashes = r(i);\n      var s = n(116);\n      t.atelierDune = r(s);\n      var u = n(117);\n
t.atelierForest = r(u);\n      var l = n(118);\n      t.atelierHeath = r(l);\n      var c = n(119);\n      t.atelierLakeside = r(c);\n
var f = n(120);\n      t.atelierSeaside = r(f);\n      var d = n(121);\n      t.bespin = r(d);\n      var p = n(122);\n      t.brewer =
r(p);\n      var b = n(123);\n      t.bright = r(b);\n      var h = n(124);\n      t.chalk = r(h);\n      var y = n(125);\n
t.codeschool = r(y);\n      var v = n(126);\n      t.colors = r(v);\n      var m = n(127);\n      t.default = r(m);\n      var g =
n(128);\n      t.eighties = r(g);\n      var _ = n(129);\n      t.embers = r(_);\n      var j = n(130);\n      t.flat = r(j);\n      var O
= n(131);\n      t.google = r(O);\n      var E = n(132);\n      t.grayscale = r(E);\n      var w = n(133);\n      t.greenscreen =
r(w);\n      var x = n(134);\n      t.harmonic = r(x);\n      var C = n(135);\n      t.hopscotch = r(C);\n      var k = n(136);\n
t.isotope = r(k);\n      var P = n(137);\n      t.marrakesh = r(P);\n      var S = n(138);\n      t.mocha = r(S);\n      var M =
n(139);\n      t.monokai = r(M);\n      var A = n(140);\n      t.ocean = r(A);\n      var R = n(141);\n      t.paraiso = r(R);\n
var F = n(142);\n      t.pop = r(F);\n      var D = n(143);\n      t.railscasts = r(D);\n      var T = n(144);\n      t.shapesifter =
r(T);\n      var I = n(145);\n      t.solarized = r(I);\n      var L = n(146);\n      t.summerfruit = r(L);\n      var B = n(147);\n
t.tomorrow = r(B);\n      var N = n(148);\n      t.tube = r(N);\n      var z = n(149);\n      t.twilight = r(z);\n      }, function (e, t,
n) {\n      "use strict";\n      t.__esModule = !0, t.default = {\n      scheme: "threezerotwofour",\n      author: "jan t.
sott (http://github.com/idleberg)",\n      base00: "#090300",\n      base01: "#3a3432",\n      base02: "#4a4543",\n      base03:
"#5c5855",\n      base04: "#807d7c",\n      base05: "#a5a2a2",\n      base06: "#d6d5d4",\n      base07:
"#f7f7f7",\n      base08: "#dbd2d0",\n      base09: "#e8bbd0",\n      base0A: "#fded02",\n      base0B:
"#01a252",\n      base0C: "#b5e4f4",\n      base0D: "#01a0e4",\n      base0E: "#a16a94",\n      base0F:
"#cdab53",\n      }, e.exports = t.default;\n      }, function (e, t, n) {\n      "use strict";\n      t.__esModule = !0, t.default
= {\n      scheme: "apathy",\n      author: "jannik siebert (https://github.com/janniks)",\n      base00:
"#031A16",\n      base01: "#0B342D",\n      base02: "#184E45",\n      base03: "#2B685E",\n      base04:
"#5F9C92",\n      base05: "#81B5AC",\n      base06: "#A7CEC8",\n      base07: "#D2E7E4",\n      base08:
"#3E9688",\n      base09: "#3E7996",\n      base0A: "#3E4C96",\n      base0B: "#883E96",\n      base0C:
"#963E4C",\n      base0D: "#96883E",\n      base0E: "#4C963E",\n      base0F: "#3E965B",\n      }, e.exports =
t.default;\n      }, function (e, t, n) {\n      "use strict";\n      t.__esModule = !0, t.default = {\n      scheme: "ashes",\n
author: "jannik siebert (https://github.com/janniks)",\n      base00: "#1C2023",\n      base01: "#393F45",\n      base02:
"#565E65",\n      base03: "#747C84",\n      base04: "#ADB3BA",\n      base05: "#C7CCD1",\n      base06: "#DFE2E5",\n
base07: "#F3F4F5",\n      base08: "#C7AE95",\n      base09: "#C7C795",\n

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base0A: \#AEC795\",n base0B: \#95C7AE\",n base0C: \#95AEC7\",n base0D: \#AE95C7\",n
base0E: \#C795AE\",n base0F: \#C79595\"n }, e.exports = t.default;n }, function (e, t, n) {\n \"use
strict\";\n\n t.__esModule = !0, t.default = {\n scheme: \"atelier dune\",n author: \"bram de haan
(http://atelierbram.github.io/syntax-highlighting/atelier-schemes/dune)\",n base00: \#20201d\",n base01:
\#292824\",n base02: \#6e6b5e\",n base03: \#7d7a68\",n base04: \#999580\",n base05:
\#a6a28c\",n base06: \#e8e4cf\",n base07: \#fefbec\",n base08: \#d73737\",n base09:
\#b65611\",n base0A: \#cfb017\",n base0B: \#60ac39\",n base0C: \#1fad83\",n base0D:
\#6684e1\",n base0E: \#b854d4\",n base0F: \#d43552\"n }, e.exports = t.default;n }, function (e, t, n)
{\n \"use strict\";\n\n t.__esModule = !0, t.default = {\n scheme: \"atelier forest\",n author: \"bram de haan
(http://atelierbram.github.io/syntax-highlighting/atelier-schemes/forest)\",n base00: \#1b1918\",n base01:
\#2c2421\",n base02: \#68615e\",n base03: \#766e6b\",n base04: \#9c9491\",n base05:
\#a8a19f\",n base06: \#e6e2e0\",n base07: \#f1efee\",n base08: \#f22c40\",n base09:
\#df5320\",n base0A: \#d5911a\",n base0B: \#5ab738\",n base0C: \#00ad9c\",n base0D:
\#407ee7\",n base0E: \#6666ea\",n base0F: \#c33ff3\"n }, e.exports = t.default;n }, function (e, t, n)
{\n \"use strict\";\n\n t.__esModule = !0, t.default = {\n scheme: \"atelier heath\",n author: \"bram de haan
(http://atelierbram.github.io/syntax-highlighting/atelier-schemes/heath)\",n base00: \#1b181b\",n base01:
\#292329\",n base02: \#695d69\",n base03: \#776977\",n base04: \#9e8f9e\",n base05:
\#ab9bab\",n base06: \#d8cad8\",n base07: \#f7f3f7\",n base08: \#ca402b\",n base09:
\#a65926\",n base0A: \#bb8a35\",n base0B: \#379a37\",n base0C: \#159393\",n base0D:
\#516aec\",n base0E: \#7b59c0\",n base0F: \#cc33cc\"n }, e.exports = t.default;n }, function (e, t, n)
{\n \"use strict\";\n\n t.__esModule = !0, t.default = {\n scheme: \"atelier lakeside\",n author: \"bram de
haan (http://atelierbram.github.io/syntax-highlighting/atelier-schemes/lakeside)\",n base00: \#161b1d\",n
base01: \#1f292e\",n base02: \#516d7b\",n base03: \#5a7b8c\",n base04: \#7195a8\",n base05:
\#7ea2b4\",n base06: \#c1e4f6\",n base07: \#ebf8ff\",n base08: \#d22d72\",n base09:
\#935c25\",n base0A: \#8a8a0f\",n base0B: \#568c3b\",n base0C: \#2d8f6f\",n base0D:
\#257fad\",n base0E: \#5d5db1\",n base0F: \#b72dd2\"n }, e.exports = t.default;n }, function (e, t, n)
{\n \"use strict\";\n\n t.__esModule = !0, t.default = {\n scheme: \"atelier seaside\",n author: \"bram de
haan (http://atelierbram.github.io/syntax-highlighting/atelier-schemes/seaside)\",n base00: \#131513\",n
base01: \#242924\",n base02: \#5e6e5e\",n base03: \#687d68\",n base04: \#809980\",n base05:
\#8ca68c\",n base06: \#cfe8cf\",n base07: \#f0fff0\",n base08: \#e6193c\",n base09:
\#87711d\",n base0A: \#c3c322\",n base0B: \#29a329\",n base0C: \#1999b3\",n base0D:
\#3d62f5\",n base0E: \#ad2bee\",n base0F: \#e619c3\"n }, e.exports = t.default;n }, function (e, t, n)
{\n \"use strict\";\n\n t.__esModule = !0, t.default = {\n scheme: \"bespin\",n author: \"jan t. sott\",n
base00: \#28211c\",n base01: \#36312e\",n base02: \#5e5d5c\",n base03: \#666666\",n base04:
\#797977\",n base05: \#8a8986\",n base06: \#9d9b97\",n base07: \#baae9e\",n base08:
\#cf6a4c\",n base09: \#cf7d34\",n base0A: \#f9ee98\",n base0B: \#54be0d\",n base0C:
\#afc4db\",n base0D: \#5ea6ea\",n base0E: \#9b859d\",n base0F: \#937121\"n }, e.exports =
t.default;n }, function (e, t, n) {\n \"use strict\";\n\n t.__esModule = !0, t.default = {\n scheme: \"brewer\",n
author: \"timothée poisot (http://github.com/tpoisot)\",n base00: \#0c0d0e\",n base01: \#2e2f30\",n
base02: \#515253\",n base03: \#737475\",n base04: \#959697\",n base05: \#b7b8b9\",n base06:
\#daddbc\",n base07: \#fcfdfe\",n base08: \#e31a1c\",n base09: \#e6550d\",n base0A:
\#dca060\",n base0B: \#31a354\",n base0C: \#80b1d3\",n base0D: \#3182bd\",n base0E:
\#756bb1\",n base0F: \#b15928\"n }, e.exports = t.default;n }, function (e, t, n) {\n \"use strict\";\n\n
t.__esModule = !0, t.default = {\n scheme: \"bright\",n author: \"chris kempson
(http://chriskempson.com)\",n base00: \#000000\",n base01: \#303030\",n base02: \#505050\",n
base03: \#b0b0b0\",n base04: \#d0d0d0\",n base05: \#e0e0e0\",n base06: \#f5f5f5\",n base07:
\#ffffff\",n base08: \#fb0120\",n base09: \#fc6d24\",n base0A: \#fda331\",n base0B:
\#a1c659\",n base0C: \#76c7b7\",n base0D: \#6fb3d2\",n base0E: \#d381c3\",n base0F:

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\"#be643c\"\\n }, e.exports = t.default;\\n }, function (e, t, n) {\\n \"use strict\";\\n\\n t.__esModule = !0, t.default = {\\n scheme: \"chalk\",\\n author: \"chris kempson (http://chriskempson.com)\",\\n base00: \"#151515\",\\n base01: \"#202020\",\\n base02: \"#303030\",\\n base03: \"#505050\",\\n base04: \"#b0b0b0\",\\n base05: \"#d0d0d0\",\\n base06: \"#e0e0e0\",\\n base07: \"#f5f5f5\",\\n base08: \"#fb9fb1\",\\n base09: \"#eda987\",\\n base0A: \"#ddb26f\",\\n base0B: \"#acc267\",\\n base0C: \"#12cfc0\",\\n base0D: \"#6fc2ef\",\\n base0E: \"#e1a3ee\",\\n base0F: \"#deaf8f\"\\n }, e.exports = t.default;\\n }, function (e, t, n) {\\n \"use strict\";\\n\\n t.__esModule = !0, t.default = {\\n scheme: \"codeschool\",\\n author: \"brettof86\",\\n base00: \"#232c31\",\\n base01: \"#1c3657\",\\n base02: \"#2a343a\",\\n base03: \"#3f4944\",\\n base04: \"#84898c\",\\n base05: \"#9ea7a6\",\\n base06: \"#a7cfa3\",\\n base07: \"#b5d8f6\",\\n base08: \"#2a5491\",\\n base09: \"#43820d\",\\n base0A: \"#a03b1e\",\\n base0B: \"#237986\",\\n base0C: \"#b02f30\",\\n base0D: \"#484d79\",\\n base0E: \"#c59820\",\\n base0F: \"#c98344\"\\n }, e.exports = t.default;\\n }, function (e, t, n) {\\n \"use strict\";\\n\\n t.__esModule = !0, t.default = {\\n scheme: \"colors\",\\n author: \"mrmrs (http://clrs.cc)\",\\n base00: \"#111111\",\\n base01: \"#333333\",\\n base02: \"#555555\",\\n base03: \"#777777\",\\n base04: \"#999999\",\\n base05: \"#bbbbbb\",\\n base06: \"#dddddd\",\\n base07: \"#ffffff\",\\n base08: \"#ff4136\",\\n base09: \"#ff851b\",\\n base0A: \"#ffdc00\",\\n base0B: \"#2ecc40\",\\n base0C: \"#7fdbff\",\\n base0D: \"#0074d9\",\\n base0E: \"#b10dc9\",\\n base0F: \"#85144b\"\\n }, e.exports = t.default;\\n }, function (e, t, n) {\\n \"use strict\";\\n\\n t.__esModule = !0, t.default = {\\n scheme: \"default\",\\n author: \"chris kempson (http://chriskempson.com)\",\\n base00: \"#181818\",\\n base01: \"#282828\",\\n base02: \"#383838\",\\n base03: \"#585858\",\\n base04: \"#b8b8b8\",\\n base05: \"#d8d8d8\",\\n base06: \"#e8e8e8\",\\n base07: \"#f8f8f8\",\\n base08: \"#ab4642\",\\n base09: \"#dc9656\",\\n base0A: \"#f7ca88\",\\n base0B: \"#a1b56c\",\\n base0C: \"#86c1b9\",\\n base0D: \"#7cafc2\",\\n base0E: \"#ba8baf\",\\n base0F: \"#a16946\"\\n }, e.exports = t.default;\\n }, function (e, t, n) {\\n \"use strict\";\\n\\n t.__esModule = !0, t.default = {\\n scheme: \"eighties\",\\n author: \"chris kempson (http://chriskempson.com)\",\\n base00: \"#2d2d2d\",\\n base01: \"#393939\",\\n base02: \"#515151\",\\n base03: \"#747369\",\\n base04: \"#a09f93\",\\n base05: \"#d3d0c8\",\\n base06: \"#e8e6df\",\\n base07: \"#f2f0ec\",\\n base08: \"#f2777a\",\\n base09: \"#ff99157\",\\n base0A: \"#ffcc66\",\\n base0B: \"#99cc99\",\\n base0C: \"#66cccc\",\\n base0D: \"#6699cc\",\\n base0E: \"#cc99cc\",\\n base0F: \"#d27b53\"\\n }, e.exports = t.default;\\n }, function (e, t, n) {\\n \"use strict\";\\n\\n t.__esModule = !0, t.default = {\\n scheme: \"embers\",\\n author: \"jannik siebert (https://github.com/janniks)\",\\n base00: \"#16130F\",\\n base01: \"#2C2620\",\\n base02: \"#433B32\",\\n base03: \"#5A5047\",\\n base04: \"#8A8075\",\\n base05: \"#A39A90\",\\n base06: \"#BEB6AE\",\\n base07: \"#DBD6D1\",\\n base08: \"#826D57\",\\n base09: \"#828257\",\\n base0A: \"#6D8257\",\\n base0B: \"#57826D\",\\n base0C: \"#576D82\",\\n base0D: \"#6D5782\",\\n base0E: \"#82576D\",\\n base0F: \"#825757\"\\n }, e.exports = t.default;\\n }, function (e, t, n) {\\n \"use strict\";\\n\\n t.__esModule = !0, t.default = {\\n scheme: \"flat\",\\n author: \"chris kempson (http://chriskempson.com)\",\\n base00: \"#2C3E50\",\\n base01: \"#34495E\",\\n base02: \"#7F8C8D\",\\n base03: \"#95A5A6\",\\n base04: \"#BDC3C7\",\\n base05: \"#e0e0e0\",\\n base06: \"#f5f5f5\",\\n base07: \"#ECF0F1\",\\n base08: \"#E74C3C\",\\n base09: \"#E67E22\",\\n base0A: \"#F1C40F\",\\n base0B: \"#2ECC71\",\\n base0C: \"#1ABC9C\",\\n base0D: \"#3498DB\",\\n base0E: \"#9B59B6\",\\n base0F: \"#be643c\"\\n }, e.exports = t.default;\\n }, function (e, t, n) {\\n \"use strict\";\\n\\n t.__esModule = !0, t.default = {\\n scheme: \"google\",\\n author: \"seth wright (http://sethawright.com)\",\\n base00: \"#1d1f21\",\\n base01: \"#282a2e\",\\n base02: \"#373b41\",\\n base03: \"#969896\",\\n base04: \"#b4b7b4\",\\n base05: \"#c5c8c6\",\\n base06: \"#e0e0e0\",\\n base07: \"#ffffff\",\\n base08: \"#CC342B\",\\n base09: \"#F96A38\",\\n base0A: \"#FBA922\",\\n base0B: \"#198844\",\\n base0C: \"#3971ED\",\\n base0D: \"#3971ED\",\\n base0E: \"#A36AC7\",\\n base0F: \"#3971ED\"\\n }, e.exports = t.default;\\n }, function (e, t, n) {\\n \"use strict\";\\n\\n t.__esModule = !0, t.default = {\\n scheme: \"grayscale\",\\n author: \"alexandre gavioli (https://github.com/alex2)\",\\n base00: \"#101010\",\\n base01: \"#252525\",\\n base02: \"#464646\",\\n base03: \"#525252\",\\n base04: \"#ababab\",\\n base05: \"#b9b9b9\",\\n base06: \"#e3e3e3\",\\n base07: \"#f7f7f7\",\\n base08: \"#7c7c7c\",\\n base09:
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\#999999\",n base0A: \#a0a0a0\",n base0B: \#8e8e8e\",n base0C: \#868686\",n base0D:
\#686868\",n base0E: \#747474\",n base0F: \#5e5e5e\",n }, e.exports = t.default;n }, function (e, t, n)
{n \"use strict\";n\n t.__esModule = !0, t.default = {n scheme: \"green screen\",n author: \"chris
kempson (http://chriskempson.com)\",n base00: \#001100\",n base01: \#003300\",n base02:
\#005500\",n base03: \#007700\",n base04: \#009900\",n base05: \#00bb00\",n base06:
\#00dd00\",n base07: \#00ff00\",n base08: \#007700\",n base09: \#009900\",n base0A:
\#007700\",n base0B: \#00bb00\",n base0C: \#005500\",n base0D: \#009900\",n base0E:
\#00bb00\",n base0F: \#005500\",n }, e.exports = t.default;n }, function (e, t, n) {n \"use strict\";n\n
t.__esModule = !0, t.default = {n scheme: \"harmonic16\",n author: \"jannik siebert
(https://github.com/janniks)\",n base00: \#0b1c2c\",n base01: \#223b54\",n base02: \#405c79\",n
base03: \#627e99\",n base04: \#aabcce\",n base05: \#cbd6e2\",n base06: \#e5ebf1\",n base07:
\#f7f9fb\",n base08: \#bf8b56\",n base09: \#bfbf56\",n base0A: \#8bbf56\",n base0B:
\#56bf8b\",n base0C: \#568bbf\",n base0D: \#8b56bf\",n base0E: \#bf568b\",n base0F:
\#bf5656\",n }, e.exports = t.default;n }, function (e, t, n) {n \"use strict\";n\n t.__esModule = !0, t.default =
{n scheme: \"hopsotch\",n author: \"jan t. sott\",n base00: \#322931\",n base01: \#433b42\",n
base02: \#5c545b\",n base03: \#797379\",n base04: \#989498\",n base05: \#b9b5b8\",n base06:
\#d5d3d5\",n base07: \#ffffff\",n base08: \#dd464c\",n base09: \#fd8b19\",n base0A:
\#fdcc59\",n base0B: \#8fc13e\",n base0C: \#149b93\",n base0D: \#1290bf\",n base0E:
\#c85e7c\",n base0F: \#b33508\",n }, e.exports = t.default;n }, function (e, t, n) {n \"use strict\";n\n
t.__esModule = !0, t.default = {n scheme: \"isotope\",n author: \"jan t. sott\",n base00: \#000000\",n
base01: \#404040\",n base02: \#606060\",n base03: \#808080\",n base04: \#c0c0c0\",n base05:
\#d0d0d0\",n base06: \#e0e0e0\",n base07: \#ffffff\",n base08: \#ff0000\",n base09:
\#ff9900\",n base0A: \#ff0099\",n base0B: \#33ff00\",n base0C: \#00ffff\",n base0D:
\#0066ff\",n base0E: \#cc00ff\",n base0F: \#3300ff\",n }, e.exports = t.default;n }, function (e, t, n) {n
\"use strict\";n\n t.__esModule = !0, t.default = {n scheme: \"marrakesh\",n author: \"alexandre gavioli
(http://github.com/alex2/)\",n base00: \#201602\",n base01: \#302e00\",n base02: \#5f5b17\",n
base03: \#6c6823\",n base04: \#86813b\",n base05: \#948e48\",n base06: \#ccc37a\",n base07:
\#faf0a5\",n base08: \#c33539\",n base09: \#b36144\",n base0A: \#a88339\",n base0B:
\#18974e\",n base0C: \#75a738\",n base0D: \#477ca1\",n base0E: \#8868b3\",n base0F:
\#b3588e\",n }, e.exports = t.default;n }, function (e, t, n) {n \"use strict\";n\n t.__esModule = !0, t.default
= {n scheme: \"mocha\",n author: \"chris kempson (http://chriskempson.com)\",n base00: \#3B3228\",n
base01: \#534636\",n base02: \#645240\",n base03: \#7e705a\",n base04: \#b8afad\",n base05:
\#d0c8c6\",n base06: \#e9e1dd\",n base07: \#f5eeeb\",n base08: \#cb6077\",n base09:
\#d28b71\",n base0A: \#f4bc87\",n base0B: \#beb55b\",n base0C: \#7bbda4\",n base0D:
\#8ab3b5\",n base0E: \#a89bb9\",n base0F: \#bb9584\",n }, e.exports = t.default;n }, function (e, t, n)
{n \"use strict\";n\n t.__esModule = !0, t.default = {n scheme: \"monokai\",n author: \"wimer hazenberg
(http://www.monokai.nl)\",n base00: \#272822\",n base01: \#383830\",n base02: \#49483e\",n
base03: \#75715e\",n base04: \#a59f85\",n base05: \#f8f8f2\",n base06: \#f5f4f1\",n base07:
\#f9f8f5\",n base08: \#f92672\",n base09: \#fd971f\",n base0A: \#f4bf75\",n base0B:
\#a6e22e\",n base0C: \#a1efe4\",n base0D: \#66d9ef\",n base0E: \#ae81ff\",n base0F:
\#cc6633\",n }, e.exports = t.default;n }, function (e, t, n) {n \"use strict\";n\n t.__esModule = !0, t.default
= {n scheme: \"ocean\",n author: \"chris kempson (http://chriskempson.com)\",n base00: \#2b303b\",n
base01: \#343d46\",n base02: \#4f5b66\",n base03: \#65737e\",n base04: \#a7adba\",n base05:
\#c0c5ce\",n base06: \#dfe1e8\",n base07: \#eff1f5\",n base08: \#bf616a\",n base09:
\#d08770\",n base0A: \#ebcb8b\",n base0B: \#a3be8c\",n base0C: \#96b5b4\",n base0D:
\#8fa1b3\",n base0E: \#b48ead\",n base0F: \#ab7967\",n }, e.exports = t.default;n }, function (e, t, n)
{n \"use strict\";n\n t.__esModule = !0, t.default = {n scheme: \"paraiso\",n author: \"jan t. sott\",n
base00: \#2f1e2e\",n base01: \#41323f\",n base02: \#4f424c\",n base03: \#776e71\",n base04:
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\"#8d8687\",n base05: \"#a39e9b\",n base06: \"#b9b6b0\",n base07: \"#e7e9db\",n base08:  
\"#ef6155\",n base09: \"#f99b15\",n base0A: \"#fec418\",n base0B: \"#48b685\",n base0C:  
\"#5bc4bf\",n base0D: \"#06b6ef\",n base0E: \"#815ba4\",n base0F: \"#e96ba8\"n }, e.exports =  
t.default;n } , function (e, t, n) {n \"use strict\";n\n t.__esModule = !0, t.default = {n scheme: \"pop\",n  
author: \"chris kempson (http://chriskempson.com)\",n base00: \"#000000\",n base01: \"#202020\",n  
base02: \"#303030\",n base03: \"#505050\",n base04: \"#b0b0b0\",n base05: \"#d0d0d0\",n base06:  
\"#e0e0e0\",n base07: \"#ffffff\",n base08: \"#eb008a\",n base09: \"#f29333\",n base0A:  
\"#f8ca12\",n base0B: \"#37b349\",n base0C: \"#00aabb\",n base0D: \"#0e5a94\",n base0E:  
\"#b31e8d\",n base0F: \"#7a2d00\"n }, e.exports = t.default;n } , function (e, t, n) {n \"use strict\";n\n t.__esModule = !0, t.default = {n scheme: \"railscastr\",n author: \"ryan bates (http://railscastr.com)\",n  
base00: \"#2b2b2b\",n base01: \"#272935\",n base02: \"#3a4055\",n base03: \"#5a647e\",n base04:  
\"#d4cfc9\",n base05: \"#e6e1dc\",n base06: \"#ff4f1ed\",n base07: \"#f9f7f3\",n base08:  
\"#da4939\",n base09: \"#cc7833\",n base0A: \"#ffc66d\",n base0B: \"#a5c261\",n base0C:  
\"#519f50\",n base0D: \"#6d9cbe\",n base0E: \"#b6b3eb\",n base0F: \"#bc9458\"n }, e.exports =  
t.default;n } , function (e, t, n) {n \"use strict\";n\n t.__esModule = !0, t.default = {n scheme:  
\"shapeshifter\",n author: \"tyler benziger (http://tybenz.com)\",n base00: \"#000000\",n base01:  
\"#040404\",n base02: \"#102015\",n base03: \"#343434\",n base04: \"#555555\",n base05:  
\"#ababab\",n base06: \"#e0e0e0\",n base07: \"#f9f9f9\",n base08: \"#e92f2f\",n base09:  
\"#e09448\",n base0A: \"#ddd13\",n base0B: \"#0ed839\",n base0C: \"#23edda\",n base0D:  
\"#3b48e3\",n base0E: \"#f996e2\",n base0F: \"#69542d\"n }, e.exports = t.default;n } , function (e, t, n)  
{n \"use strict\";n\n t.__esModule = !0, t.default = {n scheme: \"solarized\",n author: \"ethan  
schoonover (http://ethanschoonover.com/solarized)\",n base00: \"#002b36\",n base01: \"#073642\",n  
base02: \"#586e75\",n base03: \"#657b83\",n base04: \"#839496\",n base05: \"#93a1a1\",n base06:  
\"#eee8d5\",n base07: \"#fdf6e3\",n base08: \"#dc322f\",n base09: \"#cb4b16\",n base0A:  
\"#b58900\",n base0B: \"#859900\",n base0C: \"#2aa198\",n base0D: \"#268bd2\",n base0E:  
\"#6c71c4\",n base0F: \"#d33682\"n }, e.exports = t.default;n } , function (e, t, n) {n \"use strict\";n\n t.__esModule = !0, t.default = {n scheme: \"summerfruit\",n author: \"christopher corley  
(http://cscorley.github.io)\",n base00: \"#151515\",n base01: \"#202020\",n base02: \"#303030\",n  
base03: \"#505050\",n base04: \"#B0B0B0\",n base05: \"#D0D0D0\",n base06: \"#E0E0E0\",n  
base07: \"#FFFFFF\",n base08: \"#FF0086\",n base09: \"#FD8900\",n base0A: \"#ABA800\",n  
base0B: \"#00C918\",n base0C: \"#1faaaa\",n base0D: \"#3777E6\",n base0E: \"#AD00A1\",n  
base0F: \"#cc6633\"n }, e.exports = t.default;n } , function (e, t, n) {n \"use strict\";n\n t.__esModule = !0,  
t.default = {n scheme: \"tomorrow\",n author: \"chris kempson (http://chriskempson.com)\",n base00:  
\"#1d1f21\",n base01: \"#282a2e\",n base02: \"#373b41\",n base03: \"#969896\",n base04:  
\"#b4b7b4\",n base05: \"#c5c8c6\",n base06: \"#e0e0e0\",n base07: \"#ffffff\",n base08:  
\"#cc6666\",n base09: \"#de935f\",n base0A: \"#f0c674\",n base0B: \"#b5bd68\",n base0C:  
\"#8abeb7\",n base0D: \"#81a2be\",n base0E: \"#b294bb\",n base0F: \"#a3685a\"n }, e.exports =  
t.default;n } , function (e, t, n) {n \"use strict\";n\n t.__esModule = !0, t.default = {n scheme: \"london  
tube\",n author: \"jan t. sott\",n base00: \"#231f20\",n base01: \"#1c3f95\",n base02: \"#5a5758\",n  
base03: \"#737171\",n base04: \"#959ca1\",n base05: \"#d9d8d8\",n base06: \"#e7e7e8\",n base07:  
\"#ffffff\",n base08: \"#ee2e24\",n base09: \"#f386a1\",n base0A: \"#ffd204\",n base0B:  
\"#00853e\",n base0C: \"#85cebc\",n base0D: \"#009ddc\",n base0E: \"#98005d\",n base0F:  
\"#b06110\"n }, e.exports = t.default;n } , function (e, t, n) {n \"use strict\";n\n t.__esModule = !0, t.default  
= {n scheme: \"twilight\",n author: \"david hart (http://hart-dev.com)\",n base00: \"#1e1e1e\",n  
base01: \"#323537\",n base02: \"#464b50\",n base03: \"#5f5a60\",n base04: \"#838184\",n base05:  
\"#a7a7a7\",n base06: \"#c3c3c3\",n base07: \"#ffffff\",n base08: \"#cf6a4c\",n base09:  
\"#cda869\",n base0A: \"#f9ee98\",n base0B: \"#8f9d6a\",n base0C: \"#afc4db\",n base0D:  
\"#7587a6\",n base0E: \"#9b859d\",n base0F: \"#9b703f\"n }, e.exports = t.default;n } , function (e, t, n)
```

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{\n  function r(e) {\n    var t = Math.round(o(e, 0, 255)),\n        n = t.toString(16);\n    return 1 === n.length ?
  \"0\" + n : n;\n  }\n  function a(e) {\n    var t = 4 === e.length ? r(255 * e[3]) : \"\";\n    return \"#\" + r(e[0]) +
  r(e[1]) + r(e[2]) + t;\n  }\n  var o = n(40);\n  e.exports = a;\n  }, function (e, t, n) {\n    function r(e) {\n      var t
  = o(e),\n          n = u(t);\n      return 4 === t.length && n.push(t[3]), n;\n    }\n    function a(e) {\n      for (var t in l)
  {\n        if (0 === e.indexOf(t)) return l[t](e);\n      }\n    }\n    var o = n(152),\n        i = n(153),\n        s = n(154),\n        u
  = n(155),\n        l = {\n          \"#\": i,\n          hsl: r,\n          rgb: s\n        };\n    a.rgb = s, a.hsl = o, a.hex = i, e.exports =
  a;\n  }, function (e, t, n) {\n    function r(e, t) {\n      switch (e = parseFloat(e), t) {\n        case 0:\n          return i(e, 0,
  360);\n        case 1:\n        case 2:\n          return i(e, 0, 100);\n        case 3:\n          return i(e, 0, 1);\n      }\n    }\n    function
  a(e) {\n      return o(e).map(r);\n    }\n    var o = n(53),\n        i = n(40);\n    e.exports = a;\n  }, function (e, t) {\n    function
  n(e) {\n      for (var t = \"#\", n = 1; n < e.length; n++) {\n        var r = e.charAt(n);\n        t += r + r;\n      }\n      return
  t;\n    }\n    function r(e) {\n      4 !== e.length && 5 !== e.length || (e = n(e));\n      var t = [parseInt(e.substring(1, 3), 16),
  parseInt(e.substring(3, 5), 16), parseInt(e.substring(5, 7), 16)];\n      if (9
  === e.length) {\n        var r = parseFloat((parseInt(e.substring(7, 9), 16) / 255).toFixed(2));\n        t.push(r);\n      }\n      return
  t;\n    }\n    e.exports = r;\n  }, function (e, t, n) {\n    function r(e, t) {\n      return t < 3 ? -1 !=
  e.indexOf(\"%\") ? Math.round(255 * i(parseInt(e, 10), 0, 100) / 100) : i(parseInt(e, 10), 0, 255) : i(parseFloat(e), 0,
  1);\n    }\n    function a(e) {\n      return o(e).map(r);\n    }\n    var o = n(53),\n        i = n(40);\n    e.exports = a;\n  }, function
  (e, t) {\n    function n(e) {\n      var t,\n          n,\n          r,\n          a,\n          o,\n          i = e[0] / 360,\n          s = e[1] / 100,\n          u
  = e[2] / 100;\n      if (0 == s) return o = 255 * u, [o, o, o];\n      n = u < .5 ? u * (1 + s) : u + s
  - u * s, t = 2 * u - n, a = [0, 0, 0];\n      for (var l = 0; l < 3; l++) {\n        r = i + 1 / 3 * -(l - 1), r < 0 && r++, r > 1
  && r--, o = 6 * r < 1 ? t + 6 * (n - t) * r : 2 * r < 1 ? n : 3 * r < 2 ? t + (n - t) * (2 / 3 - r) * 6 : t, a[l] = 255 * o;\n      }\n      return
  a;\n    }\n    e.exports = n;\n  }, function (e, t, n) {\n    (function (t) {\n      function n(e, t, n) {\n        switch (n.length) {\n          case
  0:\n            return e.call(t);\n          case 1:\n            return e.call(t, n[0]);\n          case 2:\n            return e.call(t, n[0],
  n[1]);\n          case 3:\n            return e.call(t, n[0], n[1], n[2]);\n        }\n      }\n      return e.apply(t, n);\n    })\n    function
  r(e, t) {\n      for (var n = -1, r = t.length, a = e.length; ++n < r;) {\n        e[a + n] = t[n];\n      }\n      return e;\n    }\n    function
  a(e, t, n, o, s) {\n      var u = -1,\n          l =
  e.length;\n      for (n || (n = i), s || (s = []); ++u < l;) {\n        var c = e[u];\n        t > 0 && n(c) ? t > 1 ? a(c, t - 1,
  n, o, s) : r(s, c) : o || (s[s.length] = c);\n      }\n      return s;\n    }\n    function o(e, t) {\n      return t = k(void
  0 === t ? e.length - 1 : t, 0), function () {\n      for (var r = arguments, a = -1, o = k(r.length - t, 0), i = Array(o);
  ++a < o;) {\n        i[a] = r[t + a];\n      }\n      a = -1;\n      for (var s = Array(t + 1); ++a < t;) {\n        s[a] = r[a];\n      }\n      return
  s[t] = i, n(e, this, s);\n    };}\n    function i(e) {\n      return P(e) ||
  s(e) || !(C && e && e[C]);\n    }\n    function s(e) {\n      return l(e) && O.call(e, \"callee\") && (!x.call(e,
  \"callee\") || E.call(e) == h);\n    }\n    function u(e) {\n      return null != e && f(e.length) && !c(e);\n    }\n    function
  l(e) {\n      return p(e) && u(e);\n    }\n    function c(e) {\n      var t = d(e) ? E.call(e) : \"\";\n      return t == y || t == v;\n    }\n    function
  f(e) {\n      return \"number\" == typeof e && e > -1 && e % 1 == 0 && e <= b;\n    }\n    function d(e) {\n      var t =
  typeof e;\n      return !!e && (\"object\" == t || \"function\" == t);\n    }\n    function p(e) {\n      return !!e && \"object\" ==
  typeof e;\n    }\n    var b =
  9007199254740991,\n        h = \"[object Arguments]\",
  y = \"[object Function]\",
  v = \"[object GeneratorFunction]\",
  m = \"object\" == typeof t && t && t.Object === Object && t,\n        g = \"object\" ==
  typeof self && self && self.Object === Object && self,\n        _ = m || g || Function(\"return this\")(),\n        j
  = Object.prototype,\n        O = j.hasOwnProperty,\n        E = j.toString,\n        w = _ .Symbol,\n        x =
  j.propertyIsEnumerable,\n        C = w ? w.isConcatSpreadable : void 0,\n        k = Math.max,\n        P =
  Array.isArray,\n        S = function (e) {\n      return o(function (e) {\n        e = a(e, 1);\n        var t = e.length,\n            n
  = t;\n        for (void 0; n--;) {\n          if (\"function\" != typeof e[n]) throw new TypeError(\"Expected a
  function\");\n        }\n        return function () {\n          for (var n = 0, r = t ? e[n].apply(this, arguments) :
  arguments[0]; ++n < t;) {\n            r = e[n].call(this, r);\n          }\n          return r;\n        };}\n      })();\n    }\n    e.exports =
  S;\n  }).call(t, n(52));\n  }, function (e, t, n) {\n    \"use strict\";\n    function r(e) {\n      var
  t,\n          n,\n          r,\n          a = e[0],\n          o = e[1],\n          i = e[2];\n      return t = 1 * a + 0 * o + 1.13983 * i, n
  = 1 * a + -.39465 * o + -.5806 * i, r = 1 * a + 2.02311 * o + 0 * i, t = Math.min(Math.max(0, t), 1), n =
  }

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Math.min(Math.max(0, n), 1), r = Math.min(Math.max(0, r), 1), [255 * t, 255 * n, 255 * r];\n }
\n\n function a(e)
{\n  var t = e[0] / 255,\n      n = e[1] / 255,\n      r = e[2] / 255;\n  return [.299 * t + .587 * n + .114 * r, -
.14713 * t + -.28886 * n + .436 * r, .615 * t + -.51499 * n + -.10001 * r];\n }
\n\n Object.defineProperty(t,
"__esModule", {\n  value: !0\n  }), t.yuv2rgb = r, t.rgb2yuv = a;\n }, function (e, t, n) {\n  "use strict";\n\n  function r(e) {\n    return e && e.__esModule ? e : {\n      default: e\n    };}\n\n\n  function a(e, t) {\n    if
(!(e instanceof t)) throw new TypeError("Cannot call a class as a function");\n  }\n\n  function o(e, t) {\n    if
(!e) throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n    return !t || "object"
!= typeof t && "function" != typeof t ? e : t;\n  }\n\n  function i(e, t) {\n    if ("function" != typeof t && null
!== t) throw new TypeError("Super expression must either be null or a function, not " + typeof t);\n    e.prototype
= Object.create(t && t.prototype, {\n      constructor: {\n        value: e,\n        enumerable: !1,\n        writable:
!0,\n        configurable: !0\n      }\n    }), t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__
= t);\n  }\n\n  Object.defineProperty(t, "__esModule", {\n    value: !0\n  });\n\n  var s = Object.assign ||
function (e) {\n    for (var t = 1; t < arguments.length; t++) {\n      var n = arguments[t];\n\n      for (var r in n) {\n
Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n      }\n    }\n\n    return e;\n  },\n  u =
function () {\n    function e(e, t) {\n      for (var n = 0; n < t.length; n++) {\n        var r = t[n];\n\n        r.enumerable = r.enumerable || !1, r.configurable = !0, "value" in r && (r.writable = !0), Object.defineProperty(e,
r.key, r);\n      }\n\n      return function (t, n, r) {\n        return n && e(t.prototype, n), r && e(t, r), t;\n      };
\n    }(),\n    l = n(0),\n    c = r(l),\n    f = n(6),\n    d = r(f),\n    p = n(1),\n    b = r(p),\n    h = function
(e) {\n      function t() {\n        return a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this,
arguments));\n      }\n\n      return i(t, e), u(t, [{\n        key: "render",\n        value: function value() {\n          var e =
this.props,\n              t = {\n                weekday: "short",\n                year: "numeric",\n                month: "short",\n                day: "numeric",\n                hour: "2-digit",\n                minute: "2-digit"\n              };\n          return
c.default.createElement("div", (0, b.default)(e.theme, "date"), c.default.createElement(d.default, s({\n            type_name: "date"\n          }, e)), c.default.createElement("span", s({\n            className: "date-value"\n          },
(0, b.default)(e.theme, "date-value")), e.value.toLocaleTimeString("en-us", t));\n        }\n      }]), t;\n    }
(c.default.PureComponent);\n\n    t.default = h;\n  }, function (e, t, n) {\n    "use strict";\n\n    function r(e) {\n
return e && e.__esModule ? e : {\n      default: e\n    };}\n\n\n    function a(e, t) {\n      if (!(e instanceof t))
throw new TypeError("Cannot call a class as a function");\n    }\n\n    function o(e, t) {\n      if (!e) throw new
ReferenceError("this hasn't been initialised - super() hasn't been called");\n      return !t || "object" != typeof t &&
"function" != typeof t ? e : t;\n    }\n\n    function i(e, t) {\n      if ("function" != typeof t && null !== t)
throw new TypeError("Super expression must either be null or a function, not " + typeof t);\n      e.prototype = Object.create(t
&& t.prototype, {\n        constructor: {\n          value: e,\n          enumerable: !1,\n          writable: !0,\n          configurable: !0\n        }\n      }), t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__ = t);\n    }\n\n    Object.defineProperty(t, "__esModule", {\n      value: !0\n    });\n\n    var s = Object.assign || function (e)
{\n      for (var t = 1; t < arguments.length; t++) {\n        var n = arguments[t];\n\n        for (var r in n) {\n
Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n        }\n      }\n\n      return e;\n    },\n    u =
function () {\n      function e(e, t) {\n        for (var n = 0; n < t.length; n++) {\n          var r = t[n];\n\n          r.enumerable = r.enumerable || !1, r.configurable = !0, "value" in r && (r.writable = !0), Object.defineProperty(e,
r.key, r);\n        }\n\n        return function (t, n, r) {\n          return n && e(t.prototype, n), r && e(t, r), t;\n        };
\n      }(),\n      l = n(0),\n      c = r(l),\n      f = n(6),\n      d = r(f),\n      p = n(1),\n      b = r(p),\n      h = function
(e) {\n        function t() {\n          return a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this,
arguments));\n        }\n\n        return i(t, e), u(t, [{\n          key: "render",\n          value: function value() {\n            var e =
this.props;\n            return c.default.createElement("div", (0, b.default)(e.theme, "float"),\n                c.default.createElement(d.default, s({\n                  type_name: "float"\n                }, e)), this.props.value);\n          }\n        }]), t;\n      }
(c.default.PureComponent);\n\n      t.default = h;\n    }, function (e, t, n) {\n      "use strict";\n\n      function r(e)
{\n        return e && e.__esModule ? e : {\n          default: e\n        };}\n\n\n      function a(e, t) {\n        if (!(e instanceof t))
throw new TypeError("Cannot call a class as a function");\n      }\n\n      function o(e, t) {\n        if (!e) throw new
ReferenceError("this hasn't been initialised - super() hasn't been called");\n        return !t || "object" != typeof t &&

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"function" != typeof t ? e : t;\n    }\n\n    function i(e, t) {\n      if ("function" != typeof t && null !== t) throw new\n      TypeError("Super expression must either be null or a function, not " + typeof t);\n      e.prototype = Object.create(\n      && t.prototype, {\n        constructor: {\n          value: e,\n          enumerable: !1,\n          writable: !0,\n          configurable: !0\n        }\n      }, t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__ = t);\n    }\n\n    Object.defineProperty(t, "__esModule", {\n      value: !0\n    });\n\n    var s = Object.assign || function (e)\n    {\n      for (var t = 1; t < arguments.length; t++) {\n        var n = arguments[t];\n\n        for (var r in n) {\n          Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n        }\n      }\n\n      return e;\n    },\n    u =\n    function () {\n      function e(e, t) {\n        for (var n = 0; n < t.length; n++) {\n          var r = t[n];\n\n          r.enumerable = r.enumerable || !1, r.configurable = !0, "value" in r && (r.writable = !0), Object.defineProperty(e,\n          r.key, r);\n        }\n      }\n\n      return function (t, n, r) {\n        return n && e(t.prototype, n), r && e(t, r), t;\n      };\n    }(),\n    l = n(0),\n    c = r(l),\n    f = n(6),\n    d = r(f),\n    p = n(1),\n    b = r(p),\n    h = n(13),\n    y = r(h),\n    v = function (e) {\n      function t(e) {\n        a(this, t);\n        var n = o(this, (t.__proto__ ||\n        Object.getPrototypeOf(t)).call(this, e));\n        return m.call(n), n.state = {\n          collapsed: y.default.get(e.rjvId,\n          e.namespace, "collapsed", !0)\n        }, n;\n      }\n\n      return i(t, e), u(t, [{\n        key: "render",\n        value:\n        function value() {\n          var e = this.props,\n              t = this.state.collapsed;\n          return\n          c.default.createElement("div", (0, b.default)(e.theme, "function"), c.default.createElement(d.default, s({\n          type_name: "function"\n          }, e)), c.default.createElement("span", s({}, (0, b.default)(e.theme, "function-\n          value")), {\n            className: "rjv-function-container",\n            onClick: this.toggleCollapsed\n          })),\n          this.getFunctionDisplay(t));\n        }\n      }], t);\n    }(c.default.PureComponent),\n    m = function m() {\n      var\n      e = this;\n      this.toggleCollapsed = function () {\n        e.setState({\n          collapsed: !e.state.collapsed\n        });\n      };\n      function () {\n        y.default.set(e.props.rjvId, e.props.namespace, "collapsed", e.state.collapsed);\n      };\n      this.getFunctionDisplay = function (t) {\n        var n = e.props;\n        return t ? c.default.createElement("span",\n        null, e.props.value.toString().slice(9, -1).replace(/\\s/g, "\\s")) : c.default.createElement("span", {\n        className: "function-collapsed",\n        style: {\n          fontWeight: "bold"\n        }\n      },\n      c.default.createElement("span", null, "\\s"), c.default.createElement("span", (0, b.default)(n.theme, "ellipsis"),\n      "..."), c.default.createElement("span", null, "\\s")) : e.props.value.toString().slice(9, -1);\n      };\n      t.default = v;\n    }, function (e, t) {\n      function n() {\n        this._events = this._events || {};\n        this._maxListeners =\n        this._maxListeners || void 0;\n      }\n\n      function r(e) {\n        return "function" == typeof e;\n      }\n\n      function a(e)\n      {\n        return "number" == typeof e;\n      }\n\n      function o(e) {\n        return "object" == typeof e && null !== e;\n      }\n\n      function i(e) {\n        return void 0 === e;\n      }\n\n      e.exports = n, n.EventEmitter = n, n.prototype._events =\n      void 0, n.prototype._maxListeners = void 0, n.defaultMaxListeners = 10, n.prototype.setMaxListeners = function (e)\n      {\n        if (!a(e) || e < 0 || isNaN(e)) throw TypeError("n must be a positive number");\n        return this._maxListeners = e, this;\n      }, n.prototype.emit = function (e) {\n        var t, n, a, s, u, l;\n        if (this._events || (this._events = {}),\n        "error" === e && (!this._events.error || o(this._events.error) && !this._events.error.length)) {\n          if ((t =\n          arguments[1]) instanceof Error) throw t;\n          var c = new Error("Uncaught, unspecified " + "error" + " event. (" + t +\n          "\\s)");\n          throw c.context = t, c;\n        }\n        if (n = this._events[e], i(n)) return !1;\n        if (r(n)) switch\n        (arguments.length) {\n          case 1:\n            n.call(this);\n            break;\n          case 2:\n            n.call(this,\n            arguments[1]);\n            break;\n          case 3:\n            n.call(this, arguments[1], arguments[2]);\n            break;\n          default:\n            s = Array.prototype.slice.call(arguments, 1), n.apply(this, s);\n        } else if (o(n)) for (s =\n        Array.prototype.slice.call(arguments, 1), l = n.slice(), a = l.length, u = 0; u < a; u++) {\n          l[u].apply(this, s);\n        }\n        return !0;\n      }, n.prototype.addListener = function (e, t) {\n        var a;\n        if (!r(t)) throw\n        TypeError("listener must be a function");\n        return this._events || (this._events = {}), this._events.newListener\n        && this.emit("newListener", e, r(t.listener) ? t.listener : t), this._events[e] ? o(this._events[e]) ?\n        this._events[e].push(t) : this._events[e] = [this._events[e], t] : this._events[e] = t, o(this._events[e]) &&\n        !this._events[e].warned && (a = i(this._maxListeners) ? n.defaultMaxListeners : this._maxListeners) && a > 0 &&\n        this._events[e].length > a && (this._events[e].warned = !0, console.error("(node) warning: possible EventEmitter\n        memory leak detected. %d listeners added. Use emitter.setMaxListeners() to increase limit.",\n        this._events[e].length, "function" == typeof console.trace && console.trace()), this;\n      }, n.prototype.on =
    
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n.prototype.addListener, n.prototype.once = function (e, t) {\n  function n() {\n    this.removeListener(e, n), a |\n  (a = !0, t.apply(this, arguments));\n  }\n  if (!r(t)) throw TypeError("listener must be a function");\n  var a = !1;\n  return n.listener = t, this.on(e, n), this;\n}, n.prototype.removeListener = function (e, t) {\n  var n, a, i, s;\n  if (!r(t)) throw TypeError("listener must be a function");\n  if (!this._events || !this._events[e]) return this;\n  if (n = this._events[e], i = n.length, a = -1, n === t || r(n.listener) && n.listener === t) delete this._events[e], this._events.removeListener && this.emit("removeListener", e, t);else if (o(n)) {\n    for (s = i; s -> 0;) {\n      if (n[s] === t || n[s].listener && n[s].listener === t) {\n        a = s;\n        break;\n      }\n    }\n    if (a < 0) return this;\n    1 === n.length ? (n.length = 0, delete this._events[e]) : n.splice(a, 1), this._events.removeListener && this.emit("removeListener", e, t);\n  }\n  return this;\n}, n.prototype.removeAllListeners = function (e) {\n  var t, n;\n  if (!this._events) return this;\n  if (this._events.removeListener) return 0 === arguments.length ? this._events = {} : this._events[e] && delete this._events[e], this;\n  if (0 === arguments.length) {\n    for (t in this._events) {\n      "removeListener" !== t && this.removeAllListeners(t);\n    }\n    return this.removeAllListeners("removeListener"), this._events = {}, this;\n  }\n  if (n = this._events[e], r(n)) this.removeListener(e, n);else if (n) for (; n.length;) {\n    this.removeListener(e, n[n.length - 1]);\n  }\n  return delete this._events[e], this;\n}, n.prototype.listeners = function (e) {\n  return this._events && this._events[e] ? r(this._events[e]) ? [this._events[e]] : this._events[e].slice() : [];\n}, n.prototype.listenerCount = function (e) {\n  if (this._events) {\n    var t = this._events[e];\n    if (r(t)) return 1;\n    if (t) return t.length;\n  }\n  return 0;\n}, n.listenerCount = function (e, t) {\n  return e.listenerCount(t);\n}, function (e, t, n) {\n  e.exports.Dispatcher = n(163);\n}, function (e, t, n) {\n  "use strict";\n  function r(e, t) {\n    if (!(e instanceof t)) throw new TypeError("Cannot call a class as a function");\n  }\n  t.__esModule = !0;\n  var a = n(164),\n  o = function () {\n    function e() {\n      r(this, e), this._callbacks = {}, this._isDispatching = !1, this._isHandled = {}, this._isPending = {}, this._lastID = 1;\n    }\n    return e.prototype.register = function (e) {\n      var t = "ID_" + this._lastID++;\n      return this._callbacks[t] = e, t;\n    }, e.prototype.unregister = function (e) {\n      this._callbacks[e] || a(!1), delete this._callbacks[e];\n    }, e.prototype.waitFor = function (e) {\n      this._isDispatching || a(!1);\n      for (var t = 0; t < e.length; t++) {\n        var n = e[t];\n        this._isPending[n] ? this._isHandled[n] || a(!1) : (this._callbacks[n] || a(!1), this._invokeCallback(n));\n      }\n    }, e.prototype.dispatch = function (e) {\n      this._isDispatching && a(!1), this._startDispatching(e);\n      try {\n        for (var t in this._callbacks) {\n          this._isPending[t] || this._invokeCallback(t);\n        }\n      } finally {\n        this._stopDispatching();\n      }\n    }, e.prototype.isDispatching = function () {\n      return this._isDispatching;\n    }, e.prototype._invokeCallback = function (e) {\n      this._isPending[e] = !0, this._callbacks[e](this._pendingPayload), this._isHandled[e] = !0;\n    }, e.prototype._startDispatching = function (e) {\n      for (var t in this._callbacks) {\n        this._isPending[t] = !1, this._isHandled[t] = !1;\n      }\n      this._pendingPayload = e, this._isDispatching = !0;\n    }, e.prototype._stopDispatching = function () {\n      delete this._pendingPayload, this._isDispatching = !1;\n    }, e;\n  }();\n  e.exports = o;\n}, function (e, t, n) {\n  "use strict";\n  function r(e, t, n, r, o, i, s, u) {\n    if (a(t), !e) {\n      var l;\n      if (void 0 === t) l = new Error("Minified exception occurred; use the non-minified dev environment for the full error message and additional helpful warnings.");else {\n        var c = [n, r, o, i, s, u],\n        f = 0;\n        l = new Error(t.replace(/%s/g, function () {\n          return c[f++];\n        })), l.name = "Invariant Violation";\n      }\n      throw l.framesToPop = 1, l;\n    }\n  }\n  var a = function a(e) {};\n  e.exports = r;\n}, function (e, t, n) {\n  "use strict";\n  function r(e) {\n    return e && e.__esModule ? e : {\n      default: e\n    };}\n  function a(e, t) {\n    if (!(e instanceof t)) throw new TypeError("Cannot call a class as a function");\n  }\n  function o(e, t) {\n    if (!e) throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n    return !t || "object" !== typeof t && "function" !== typeof t ? e : t;\n  }\n  function i(e, t) {\n    if ("function" !== typeof t && null !== t) throw new TypeError("Super expression must either be null or a function, not " + typeof t);\n    e.prototype = Object.create(t && t.prototype, {\n      constructor: {\n        value: e,\n        enumerable: !1,\n        writable: !0,\n        configurable: !0\n      }\n    }), t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__ = t);\n  }\n  Object.defineProperty(t, "__esModule", {\n    value: !0\n  });\n  var s = function () {\n

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function e(e, t) {\n    for (var n = 0; n < t.length; n++) {\n        var r = t[n];\n        r.enumerable = r.enumerable ||
!1, r.configurable = !0, \\'value\' in r && (r.writable = !0), Object.defineProperty(e, r.key, r);\n    }\n}\n\nreturn function (t, n, r) {\n    return n && e(t.prototype, n), r && e(t, r), t;\n};\n\n},\n    u = n(0),\n    l =
r(u),\n    c = n(1),\n    f = r(c),\n    d = function (e) {\n    function t() {\n    return a(this, t), o(this,
(t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments));\n    }\n\n    return i(t, e), s(t, [{\n    key:
\'render\',\n    value: function value() {\n    return l.default.createElement(\\'div\', (0,
f.default)(this.props.theme, \\'nan\'), \\'NaN\');\n    }\n    }]), t;\n}(l.default.PureComponent);\n\n    t.default =
d;\n}, function (e, t, n) {\n    \\'use strict\';\n\n    function r(e) {\n    return e && e.__esModule ? e : {\n
default: e\n};\n}\n\n    function a(e, t) {\n    if (!(e instanceof t)) throw new TypeError(\\'Cannot call a class
as a function\');\n}\n\n    function o(e, t) {\n    if (!e) throw new ReferenceError(\\'this hasn\'t been initialised -
super() hasn\'t been called\');\n    return !t || \\'object\' != typeof t && \\'function\' != typeof t ? e : t;\n}\n\n
function i(e, t) {\n    if (\\'function\' != typeof t && null !== t) throw new TypeError(\\'Super expression must
either be null or a function, not \' + typeof t);\n    e.prototype = Object.create(t && t.prototype, {\n
constructor: {\n    value: e,\n    enumerable: !1,\n    writable: !0,\n    configurable: !0\n    }\n    }), t
&& (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__ = t);\n}\n\n    Object.defineProperty(t,
\'__esModule\', {\n    value: !0\n});\n\n    var s = function () {\n    function e(e, t) {\n    for (var n = 0; n <
t.length; n++) {\n        var r = t[n];\n        r.enumerable = r.enumerable || !1, r.configurable = !0, \\'value\' in r &&
(r.writable = !0), Object.defineProperty(e, r.key, r);\n    }\n    }\n\n    return function (t, n, r) {\n    return n
&& e(t.prototype, n), r && e(t, r), t;\n};\n\n    },\n    u = n(0),\n    l = r(u),\n    c = n(1),\n    f = r(c),\n
d = function (e) {\n    function t() {\n    return a(this, t), o(this, (t.__proto__ ||
Object.getPrototypeOf(t)).apply(this, arguments));\n    }\n\n    return i(t, e), s(t, [{\n    key: \\'render\',\n
value: function value() {\n    return l.default.createElement(\\'div\', (0, f.default)(this.props.theme, \\'null\'),
\'NULL\');\n    }\n    }]), t;\n}(l.default.PureComponent);\n\n    t.default = d;\n}, function (e, t, n) {\n    \\'use
strict\';\n\n    function r(e) {\n    return e && e.__esModule ? e : {\n    default: e\n};\n}\n\n    function a(e,
t) {\n    if (!(e instanceof t)) throw new TypeError(\\'Cannot call a class as a function\');\n}\n\n    function o(e, t)
{\n    if (!e) throw new ReferenceError(\\'this hasn\'t been initialised - super() hasn\'t been called\');\n    return !t ||
\'object\' != typeof t && \\'function\' != typeof t ? e : t;\n}\n\n    function i(e, t) {\n    if (\\'function\' !=
typeof t && null !== t) throw new TypeError(\\'Super expression must either be null or a function, not \' +
typeof t);\n    e.prototype = Object.create(t && t.prototype, {\n    constructor: {\n    value: e,\n    enumerable: !1,\n
writable: !0,\n    configurable: !0\n    }\n    }), t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) :
e.__proto__ = t);\n}\n\n    Object.defineProperty(t, \\'__esModule\', {\n    value: !0\n});\n\n    var s =
Object.assign || function (e) {\n    for (var t = 1; t < arguments.length; t++) {\n        var n = arguments[t];\n\n
for (var r in n) {\n        Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n    }\n\n    return
e;\n},\n    u = function () {\n    function e(e, t) {\n    for (var n = 0; n < t.length; n++) {\n        var r = t[n];\n
r.enumerable = r.enumerable || !1, r.configurable = !0, \\'value\' in r && (r.writable = !0),
Object.defineProperty(e, r.key, r);\n    }\n    }\n\n    return function (t, n, r) {\n    return n && e(t.prototype,
n), r && e(t, r), t;\n};\n\n    },\n    l = n(0),\n    c = r(l),\n    f = n(6),\n    d = r(f),\n    p = n(1),\n    b
= r(p),\n    h = function (e) {\n    function t() {\n    return a(this, t), o(this, (t.__proto__ ||
Object.getPrototypeOf(t)).apply(this, arguments));\n    }\n\n    return i(t, e), u(t, [{\n    key: \\'render\',\n
value: function value() {\n    var e = this.props;\n    return c.default.createElement(\\'div\', (0,
b.default)(e.theme, \\'integer\'), c.default.createElement(d.default, s({\n    type_name: \\'int\'\n    }, e)),
this.props.value);\n    }\n    }]), t;\n}(c.default.PureComponent);\n\n    t.default = h;\n}, function (e, t, n) {\n
\'use strict\';\n\n    function r(e) {\n    return e && e.__esModule ? e : {\n    default: e\n};\n}\n\n    function
a(e, t) {\n    if (!(e instanceof t)) throw new TypeError(\\'Cannot call a class as a function\');\n}\n\n    function
o(e, t) {\n    if (!e) throw new ReferenceError(\\'this hasn\'t been initialised - super() hasn\'t been called\');\n
return !t || \\'object\' != typeof t && \\'function\' != typeof t ? e : t;\n}\n\n    function i(e, t) {\n    if
(\\'function\' != typeof t && null !== t) throw new TypeError(\\'Super expression must either be null or a function,
not \' + typeof t);\n    e.prototype = Object.create(t && t.prototype, {\n    constructor: {\n    value: e,\n
}

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enumerable: !1,\n      writable: !0,\n      configurable: !0\n    }\n  }, t && (Object.setPrototypeOf ?
Object.setPrototypeOf(e, t) : e.__proto__ = t);\n  }\n\n  Object.defineProperty(t, \"__esModule\", {\n    value:
!0\n  });\n\n  var s = Object.assign || function (e) {\n    for (var t = 1; t < arguments.length; t++) {\n      var n =
arguments[t];\n\n      for (var r in n) {\n        Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n      }\n    }\n\n    return e;\n  },\n  u = function () {\n    function e(e, t) {\n      for (var n = 0; n < t.length; n++)\n        var r = t[n];\n      r.enumerable = r.enumerable || !1, r.configurable = !0, \"value\" in r && (r.writable =
!0), Object.defineProperty(e, r.key, r);\n    }\n\n    return function (t, n, r) {\n      return n &&
e(t.prototype, n), r && e(t, r), t;\n    };,\n    l = n(0),\n    c = r(l),\n    f = n(6),\n    d = r(f),\n    p
= n(1),\n    b = r(p),\n    h = function (e) {\n      function t() {\n        return a(this, t), o(this, (t.__proto__ ||
Object.getPrototypeOf(t)).apply(this, arguments));\n      }\n\n      return i(t, e), u(t, [{\n        key: \"render\", \n      value: function value() {\n        var e = this.props;\n        return c.default.createElement(\"div\", (0,
b.default)(e.theme, \"regexp\"), c.default.createElement(d.default, s({\n          type_name: \"regexp\", \n        }, e)),
this.props.value.toString());\n      }\n    }]), t);\n    }(c.default.PureComponent);\n\n    t.default = h;\n  }, function
(e, t, n) {\n    \"use strict\";\n\n    function r(e) {\n      return e && e.__esModule ? e : {\n        default: e\n      };\n    }\n\n    function a(e, t) {\n      if (!(e instanceof t)) throw new TypeError(\"Cannot call a class as a function\");\n    }\n\n    function o(e, t) {\n      if (!e) throw new ReferenceError(\"this hasn't been initialised - super() hasn't been
called\");\n      return !t || \"object\" !== typeof t && \"function\" !== typeof t ? e : t;\n    }\n\n    function i(e, t) {\n      if
(\"function\" !== typeof t && null !== t) throw new TypeError(\"Super expression must either be null or a function,
not \" + typeof t);\n      e.prototype = Object.create(t && t.prototype, {\n        constructor: {\n          value: e,\n          enumerable: !1,\n          writable: !0,\n          configurable: !0\n        }\n      }, t && (Object.setPrototypeOf ?
Object.setPrototypeOf(e, t) : e.__proto__ = t);\n    }\n\n    Object.defineProperty(t, \"__esModule\", {\n      value:
!0\n    });\n\n    var s = Object.assign || function (e) {\n      for (var t = 1; t < arguments.length; t++) {\n        var n =
arguments[t];\n\n        for (var r in n) {\n          Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n        }\n      }\n\n      return e;\n    },\n    u = function () {\n      function e(e, t) {\n        for (var n = 0; n < t.length; n++)\n          var r = t[n];\n        r.enumerable = r.enumerable || !1, r.configurable = !0, \"value\" in r && (r.writable =
!0), Object.defineProperty(e, r.key, r);\n      }\n\n      return function (t, n, r) {\n        return n &&
e(t.prototype, n), r && e(t, r), t;\n      }(),\n      l = n(0),\n      c = r(l),\n      f = n(6),\n      d = r(f),\n      p
= n(4),\n      b = n(1),\n      h = r(b),\n      y = n(13),\n      v = r(y),\n      m = function (e) {\n        function t(e) {\n          a(this, t);\n          var n = o(this, (t.__proto__ || Object.getPrototypeOf(t)).call(this, e));\n          return
n.toggleCollapsed = function () {\n            n.setState({\n              collapsed: !n.state.collapsed\n            }, function () {\n              v.default.set(n.props.rjvId, n.props.namespace, \"collapsed\", n.state.collapsed);\n            });\n          }, n.state =
{\n            collapsed: v.default.get(e.rjvId, e.namespace, \"collapsed\", !0)\n          }, n);\n        }\n\n        return i(t, e), u(t,
[{\n          key: \"render\", \n        value: function value() {\n          var e = (this.state.collapsed, this.props),\n          t
= e.collapseStringsAfterLength,\n          n = e.theme,\n          r = e.value,\n          a = \"integer\" === (0,
p.toType)(t),\n          o = {\n            style: {\n              cursor: \"default\", \n            }\n          };\n          return a &&
r.length > t && (o.style.cursor = \"pointer\", this.state.collapsed && (r = c.default.createElement(\"span\", null,
r.substring(0, t), c.default.createElement(\"span\", (0, h.default)(n, \"ellipsis\"), \" ...\"))),\n          c.default.createElement(\"div\", (0, h.default)(n, \"string\"), c.default.createElement(d.default, s({\n            type_name: \"string\", \n          }, e)), c.default.createElement(\"span\", s({\n            className: \"string-value\", \n          }, o, {\n            onClick: this.toggleCollapsed\n          }, \"\", r, \"\"));\n        }\n      }]), t);\n    }(c.default.PureComponent);\n\n    t.default = m;\n  }, function (e, t, n) {\n    \"use strict\";\n\n    function r(e) {\n      return e && e.__esModule ? e : {\n        default: e\n      };\n    }\n\n    function a(e, t) {\n      if (!(e instanceof t)) throw new TypeError(\"Cannot call a class as a function\");\n    }\n\n    function o(e, t) {\n      if (!e) throw new ReferenceError(\"this hasn't been initialised - super() hasn't been
called\");\n      return !t || \"object\" !== typeof t && \"function\" !== typeof t ? e : t;\n    }\n\n    function i(e, t) {\n      if
(\"function\" !== typeof t && null !== t) throw new TypeError(\"Super expression must either be null or a function,
not \" + typeof t);\n      e.prototype = Object.create(t && t.prototype, {\n        constructor: {\n          value: e,\n          enumerable: !1,\n          writable: !0,\n          configurable: !0\n        }\n      }, t && (Object.setPrototypeOf ?
Object.setPrototypeOf(e, t) : e.__proto__ = t);\n    }\n

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}\n\n Object.defineProperty(t, \"__esModule\", {\n  value: !0\n });\n\n var s = function () {\n  function
e(e, t) {\n    for (var n = 0; n < t.length; n++) {\n      var r = t[n];\n      r.enumerable = r.enumerable || !1,
r.configurable = !0, \"value\" in r && (r.writable = !0), Object.defineProperty(e, r.key, r);\n    }\n  }\n\n  return function (t, n, r) {\n    return n && e(t.prototype, n), r && e(t, r, t);\n  };}\n\n  u = n(0),\n  l =
r(u),\n  c = n(1),\n  f = r(c),\n  d = function (e) {\n    function t() {\n      return a(this, t), o(this,
(t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments));\n    }\n\n    return i(t, e), s(t, [{\n      key:
\"render\", \n      value: function value() {\n        return l.default.createElement(\"div\", (0,
f.default)(this.props.theme, \"undefined\"), \"undefined\");\n      }\n    }]), t;\n  }(l.default.PureComponent);\n\n  t.default = d;\n }, function (e, t, n) {\n   \"use strict\";\n\n   function r(e) {\n     return e && e.__esModule ? e : {\n       default: e\n     };\n   }\n\n   function a(e) {\n     if (Array.isArray(e)) {\n       for (var t = 0, n = Array(e.length);
t < e.length; t++) {\n         n[t] = e[t];\n       }\n\n       return n;\n     }\n\n     return Array.from(e);\n   }\n\n   function o(e, t) {\n     if (!(e instanceof t)) throw new TypeError(\"Cannot call a class as a function\");\n   }\n\n   function i(e, t) {\n     if (!e) throw new ReferenceError(\"this hasn't been initialised - super() hasn't been called\");\n     return !t || \"object\" !== typeof t && \"function\" !== typeof t ? e : t;\n   }\n\n   function s(e, t) {\n     if (\"function\"
!== typeof t && null !== t) throw new TypeError(\"Super expression must either be null or a function, not \" + typeof
t);\n     e.prototype = Object.create(t && t.prototype, {\n       constructor: {\n         value: e,\n         enumerable:
!1,\n         writable: !0,\n         configurable: !0\n       }\n     }), t && (Object.setPrototypeOf ?
Object.setPrototypeOf(e, t) : e.__proto__ = t);\n   }\n\n   Object.defineProperty(t, \"__esModule\", {\n     value:
!0\n   });\n\n   var u = Object.assign || function (e) {\n     for (var t = 1; t < arguments.length; t++) {\n       var n =
arguments[t];\n\n       for (var r in n) {\n         Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n       }\n     }\n\n     return e;\n   },\n   l = function () {\n     function e(e, t) {\n       for (var n = 0; n < t.length; n++)
{\n         var r = t[n];\n         r.enumerable = r.enumerable || !1, r.configurable = !0, \"value\" in r && (r.writable =
!0), Object.defineProperty(e, r.key, r);\n       }\n     }\n\n     return function (t, n, r) {\n       return n &&
e(t.prototype, n), r && e(t, r, t);\n     };\n   }(),\n   c = n(0),\n   f = r(c),\n   d = n(172),\n   p = r(d),\n   b = (n(4), n(14)),\n   h = r(b),\n   y = n(176),\n   v = r(y),\n   m = n(54),\n   g = r(m),\n   _ =
n(55),\n   j = r(_),\n   O = n(42),\n   E = n(15),\n   w = n(1),\n   x = r(w),\n   C = function (e) {\n     function t(e) {\n       o(this, t);\n       var n = i(this, (t.__proto__ || Object.getPrototypeOf(t)).call(this, e));\n       return k.call(n), n.state = {\n         editMode: !1,\n         editValue: \"\",\n         renameKey: !1,\n         parsedInput:
{\n           type: !1,\n           value: null\n         }\n       }, n;\n     }\n\n     return s(t, e), l(t, [{\n       key:
\"render\", \n       value: function value() {\n         var e = this,\n             t = this.props,\n             n = t.variable,\n             r = (t.src, t.singleIndent),\n             o = t.type,\n             i = t.theme,\n             s = t.namespace,\n             l =
t.indentWidth,\n             c = t.enableClipboard,\n             d = t.onEdit,\n             p = t.onDelete,\n             b =
t.onSelect,\n             h = (t.rjvId, this.state.editMode);\n         return f.default.createElement(\"div\", u({\n           (0,
x.default)(i, \"objectKeyVal\", {\n             paddingLeft: l * r\n           }), {\n             className: \"variable-row\", \n             key: n.name\n           }, \"array\" === o ? f.default.createElement(\"span\", u({\n             (0,
x.default)(i, \"array-key\", {\n               key: n.name + \"_\" + s\n             }), n.name, f.default.createElement(\"div\", (0, x.default)(i, \"colon\", \":\")) :
f.default.createElement(\"span\", null, f.default.createElement(\"span\", u({\n             (0, x.default)(i, \"object-name\", {\n               className: \"object-key\", \n               key: n.name + \"_\" + s\n             }), f.default.createElement(\"span\", {\n
style: {\n               verticalAlign: \"top\"\n             }\n           }, \"\"), f.default.createElement(\"span\", {\n             style:
{\n               display: \"inline-block\"\n             }\n           }, n.name), f.default.createElement(\"span\", {\n             style:
{\n               verticalAlign: \"top\"\n             }\n           }, \"\")), f.default.createElement(\"span\", (0, x.default)(i,
\"colon\", \":\")), f.default.createElement(\"div\", u({\n             className: \"variable-value\", \n             onClick: !1
=== b && !1 === d ? null : function (t) {\n               var r = [].concat(a(s));\n               (t.ctrlKey || t.metaKey) && !1
!== d ? e.prepopInput(n) : !1 !== b && (r.shift(), b(u({\n                 namespace: r\n               })));
\n             }, (0, x.default)(i, \"variableValue\", {\n               cursor: !1 === b ? \"default\" : \"pointer\"\n             })),
this.getValue(n, h)), c ? f.default.createElement(j.default, u({\n             hidden: h,\n             src: n.value,\n             clickCallback: c\n           }, {\n             theme: i,\n             namespace: s\n           })): null, !1 !== d && 0 === h ?
this.getEditIcon() : null, !1 !== p && 0 === h ? this.getRemoveIcon() : null);\n       }\n     }]), t;\n   }

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}(f.default.PureComponent),\n    k = function k() {\n    var e = this;\n    this.getEditIcon = function () {\n    var t = e.props,\n        n = t.variable,\n        r = t.theme;\n    return f.default.createElement("div", {\n    className: "click-to-edit",\n    style: {\n        verticalAlign: "top"\n    }},\n    f.default.createElement(E.Edit, u({\n        className: "click-to-edit-icon",\n        }, (0, x.default)(r,\n    "editVarIcon"), {\n        onClick: function onClick() {\n            e.prepopInput(n);\n        }},\n    this.prepopInput = function (t) {\n        if (!1 !== e.props.onEdit) {\n            var n = (0, g.default)(t.value),\n                r\n            = (0, v.default)(n);\n            e.setState({\n                editMode: !0,\n                editValue: n,\n                parsedInput: {\n                    type: r.type,\n                    value: r.value\n                }\n            });\n        }, this.getRemoveIcon = function () {\n    var t = e.props,\n        n = t.variable,\n        r = t.namespace,\n        a = t.theme,\n        o = t.rjvId;\n    return f.default.createElement("div", {\n        className: "click-to-remove",\n        style: {\n            verticalAlign: "top"\n        }},\n        f.default.createElement(E.RemoveCircle, u({\n            className: "click-to-\nremove-icon",\n            }, (0, x.default)(a, "removeVarIcon"), {\n            onClick: function onClick() {\n                h.default.dispatch({\n                    name: "VARIABLE_REMOVED",\n                    rjvId: o,\n                    data: {\n                        name: n.name,\n                        namespace: r,\n                        existing_value: n.value,\n                        variable_removed: !0\n                    }\n                });\n            }},\n            this.getValue = function (t, n) {\n                var r = !n && t.type,\n                    a =\n                e.props;\n                switch (r) {\n                    case !1:\n                        return e.getEditInput();\n                    case "string":\n                        return f.default.createElement(O.JsonString, u({\n                            value: t.value\n                        }, a));\n                    case "integer":\n                        return f.default.createElement(O.JsonInteger, u({\n                            value: t.value\n                        }, a));\n                    case\n"float":\n                        return f.default.createElement(O.JsonFloat, u({\n                            value: t.value\n                        }, a));\n                    case "boolean":\n                        return f.default.createElement(O.JsonBoolean, u({\n                            value: t.value\n                        },\n                    a));\n                    case "function":\n                        return f.default.createElement(O.JsonFunction, u({\n                            value:\n                t.value\n                        }, a));\n                    case "null":\n                        return f.default.createElement(O.JsonNull, a);\n                    case\n"nan":\n                        return f.default.createElement(O.JsonNan, a);\n                    case "undefined":\n                        return\n                f.default.createElement(O.JsonUndefined, a);\n                    case "date":\n                        return\n                f.default.createElement(O.JsonDate, u({\n                            value: t.value\n                        }, a));\n                    case "regexp":\n                        return\n                f.default.createElement(O.JsonRegexp, u({\n                            value: t.value\n                        }, a));\n                    default:\n                        return\n                f.default.createElement("div", {\n                            className: "object-value",\n                            },\n                JSON.stringify(t.value));\n            }},\n            this.getEditInput = function () {\n                var t = e.props.theme,\n                    n =\n                e.state.editValue;\n                return f.default.createElement("div", null, f.default.createElement(p.default, u({\n                    type: "text",\n                    inputRef: function inputRef(e) {\n                        return e && e.focus();\n                    },\n                    value: n,\n                    className: "variable-editor",\n                    onChange: function onChange(t) {\n                        var n = t.target.value,\n                            r =\n                        (0, v.default)(n);\n                        e.setState({\n                            editValue: n,\n                            parsedInput: {\n                                type:\n                r.type,\n                                value: r.value\n                            }\n                        });\n                    },\n                    onKeyDown: function onKeyDown(t) {\n                        switch (t.key) {\n                            case "Escape":\n                                e.setState({\n                                    editMode: !1,\n                                    editValue: ""\n                                });\n                                break;\n                            case "Enter":\n                                (t.ctrlKey || t.metaKey) &&\n                e.submitEdit(!0);\n                                }\n                                t.stopPropagation();\n                            },\n                            placeholder: "update this value"\n                        }, (0, x.default)(t, "edit-input")), f.default.createElement("div", (0, x.default)(t, "edit-icon-container"),\n                f.default.createElement(E.RemoveCircle, u({\n                    className: "edit-cancel",\n                    }, (0, x.default)(t, "cancel-\nicon"), {\n                    onClick: function onClick() {\n                        e.setState({\n                            editMode: !1,\n                            editValue:\n                ""\n                        });\n                    }},\n                    f.default.createElement(E.CheckCircle, u({\n                    className: "edit-check\nstring-value",\n                    }, (0, x.default)(t, "check-icon"), {\n                    onClick: function onClick() {\n                        e.submitEdit();\n                    }},\n                    f.default.createElement("div", null, e.showDetected())));,\n            this.submitEdit\n            = function (t) {\n                var n = e.props,\n                    r = n.variable,\n                    a = n.namespace,\n                    o = n.rjvId,\n                    i = e.state,\n                    s = i.editValue,\n                    u = i.parsedInput,\n                    l = s;\n                t && u.type && (l = u.value),\n                e.setState({\n                    editMode: !1\n                }), h.default.dispatch({\n                    name: "VARIABLE_UPDATED",\n                    rjvId: o,\n                    data: {\n                        name: r.name,\n                        namespace: a,\n                        existing_value: r.value,\n                        new_value: l,\n                        variable_removed: !1\n                    }\n                });\n            }, this.showDetected = function () {\n                var t\n                = e.props,\n                    n = t.theme,\n                    r = (t.variable, t.namespace, t.rjvId, e.state.parsedInput),\n                    a =

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(r.type, r.value, e.getDetectedInput());\n    if (a) return f.default.createElement("div", null,
f.default.createElement("div", (0, x.default)(n, "detected-row"), a, f.default.createElement(E.CheckCircle, {\n
  className: "edit-check detected",\n
  style: u({\n
    verticalAlign: "top",\n
    paddingLeft:
"3px",\n
  }, (0, x.default)(n, "check-icon").style),\n
  onClick: function onClick() {\n
e.submitEdit(!0);\n
  }\n
}));\n  }, this.getDetectedInput = function () {\n
  var t =
e.state.parsedInput,\n
  n = t.type,\n
  r = t.value,\n
  a = e.props,\n
  o = a.theme;\n
  if (!1
!== n) switch (n.toLowerCase()) {\n
  case "object":\n
    return f.default.createElement("span", null,
f.default.createElement("span", {\n
  style: u({}, (0, x.default)(o, "brace").style, {\n
  cursor:
"default",\n
  })\n
}, "\{", f.default.createElement("span", {\n
  style: u({}, (0, x.default)(o,
"ellipsis").style, {\n
  cursor: "default",\n
  })\n
}, "..."), f.default.createElement("span",
{\n
  style: u({}, (0, x.default)(o, "brace").style, {\n
  cursor: "default",\n
  })\n
},
"}"));
\n
  case "array":\n
    return f.default.createElement("span", null,
f.default.createElement("span", {\n
  style: u({}, (0, x.default)(o, "brace").style, {\n
  cursor:
"default",\n
  })\n
}, "[", f.default.createElement("span", {\n
  style: u({}, (0, x.default)(o,
"ellipsis").style, {\n
  cursor: "default",\n
  })\n
}, "..."), f.default.createElement("span",
{\n
  style: u({}, (0, x.default)(o, "brace").style, {\n
  cursor: "default",\n
  })\n
},
"]"));
\n
  case "string":\n
    return f.default.createElement(O.JsonString, u({\n
  value: r\n
}, a));
\n
  case "integer":\n
    return f.default.createElement(O.JsonInteger, u({\n
  value: r\n
}, a));
\n
  case "float":\n
    return f.default.createElement(O.JsonFloat, u({\n
  value: r\n
}, a));
\n
  case "boolean":\n
    return f.default.createElement(O.JsonBoolean, u({\n
  value: r\n
}, a));
\n
  case "function":\n
    return f.default.createElement(O.JsonFunction, u({\n
  value: r\n
}, a));
\n
  case "null":\n
    return f.default.createElement(O.JsonNull, a);
\n
  case "nan":\n
    return f.default.createElement(O.JsonNan, a);
\n
  case "undefined":\n
    return
f.default.createElement(O.JsonUndefined, a);
\n
  case "date":\n
    return
f.default.createElement(O.JsonDate, u({\n
  value: new Date(r)\n
}, a));
\n
  }\n
};\n
\n
t.default = C;\n
}, function (e, t, n) {\n
  "use strict";\n
\n
  function r() {\n
    return r = Object.assign || function
(e) {\n
      for (var t = 1; t < arguments.length; t++) {\n
        var n = arguments[t];\n
        for (var r in n) {\n
          Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n
        }\n
      }\n
      return e;\n
    },
r.apply(this, arguments);\n
  }\n
\n
  function a(e, t) {\n
    e.prototype = Object.create(t.prototype),
e.prototype.constructor = e, e.__proto__ = t;\n
  }\n
\n
  function o(e, t) {\n
    if (null == e) return {};\n
    var n,\n
    r,\n
    a = {},\n
    o = Object.keys(e);\n
    for (r = 0; r < o.length; r++) {\n
      n = o[r], t.indexOf(n) >=
0 || (a[n] = e[n]);\n
    }\n
    if (Object.getOwnPropertySymbols) {\n
      var i =
Object.getOwnPropertySymbols(e);\n
      for (r = 0; r < i.length; r++) {\n
        n = i[r], t.indexOf(n) >= 0 ||
Object.prototype.propertyIsEnumerable.call(e, n) && (a[n] = e[n]);\n
      }\n
    }\n
    return a;\n
  }\n
\n
  function i(e, t, n, r, a) {\n
    void 0 === n && (n = !1), void 0 === r && (r = null), void 0 === a && (a = null), null
=== v.parentNode && document.body.appendChild(v);\n
    var o = s(e, t, n);\n
    if (null === o) return null;\n
    var i = o.paddingSize,\n
    u = o.borderSize,\n
    l = o.boxSizing,\n
    c = o.sizingStyle;\n
    Object.keys(c).forEach(function (e) {\n
      v.style[e] = c[e];\n
    }), m(v), v.value = e.value || e.placeholder ||
"x";\n
    var f = -1 / 0,\n
    d = 1 / 0,\n
    p = v.scrollHeight;\n
    "border-box" === l ? p += u : "content-
box" === l && (p -= i), v.value = "x";\n
    var b = v.scrollHeight - i;\n
    return null === r && null === a || (null
!== r && (f = b * r, "border-box" === l && (f = f + i + u), p = Math.max(f, p)), null !== a && (d = b * a, "border-
box" === l && (d = d + i + u), p = Math.min(d, p)), {\n
  height: p,\n
  minHeight: f,\n
  maxHeight: d,\n
  rowCount: Math.floor(p / b)\n
});\n
  }\n
\n
  function s(e, t, n) {\n
    if (void 0 === n && (n = !1), n && y[t])
return y[t];\n
    var r = window.getComputedStyle(e);\n
    if (null === r) return null;\n
    var a =
h.reduce(function (e, t) {\n
      return e[t] = r.getPropertyValue(t, e,\n
  }, {}),\n
    o = a["box-sizing"];
\n
    if (" " === o) return null;\n
    p && "border-box" === o && (a.width = parseFloat(a.width) +
parseFloat(r["border-right-width"]) + parseFloat(r["border-left-width"]) + parseFloat(r["padding-right"]) +
parseFloat(r["padding-left"]) + "px");\n
    var i = parseFloat(a["padding-bottom"]) + parseFloat(a["padding-

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top\"]),\n      s = parseFloat(a[\"border-bottom-width\"]) + parseFloat(a[\"border-top-width\"]),\n      u = {\n        sizingStyle: a,\n        paddingSize: i,\n        borderSize: s,\n        boxSizing: o\n      };\n      return n && (y[t] = u),\n      u;\n    }\n\n    Object.defineProperty(t, \"__esModule\", {\n      value: !0\n    });\n\n    var u = n(0),\n        l = n.n(u),\n        c = n(173),\n        f = n.n(c),\n        d = (Object.setPrototypeOf, \"object\" == typeof Reflect &&\n        Reflect.construct, \"undefined\" != typeof window && \"undefined\" != typeof document),\n        p = !!d &&\n        !!document.documentElement.currentStyle,\n        b = {\n          \"min-height\": \"0\",\n          \"max-height\": \"none\",\n          height: \"0\",\n          visibility: \"hidden\",\n          overflow: \"hidden\",\n          position: \"absolute\",\n          \"z-index\": \"-1000\",\n          top: \"0\",\n          right: \"0\"\n        },\n        h = [\"letter-spacing\", \"line-height\", \"font-family\", \"font-weight\", \"font-size\", \"font-style\", \"tab-size\", \"text-rendering\", \"text-transform\", \"width\", \"text-indent\", \"padding-top\", \"padding-right\", \"padding-bottom\", \"padding-left\", \"border-top-width\", \"border-right-width\", \"border-bottom-width\", \"border-left-width\", \"box-sizing\"],\n        y = {},\n        v = d &&\n        document.createElement(\"textarea\"),\n        m = function m(e) {\n          Object.keys(b).forEach(function (t) {\n            e.style.setProperty(t, b[t], \"important\");\n          });\n        }\n        d && m(v);\n\n        var g = function g(e) {\n          return delete y[e];\n        },\n        _ = function (e) {\n          return void 0 === e && (e = 0), function () {\n            return ++e;\n          }\n        }(),\n        j = function j() {},\n        O = d && window.requestAnimationFrame ?\n        [window.requestAnimationFrame, window.cancelAnimationFrame] : [setTimeout, clearTimeout],\n        E = O[0],\n        w = O[1],\n        x = function (e) {\n          function t(t) {\n            var n;\n            return n = e.call(this, t) || this,\n            n._resizeLock = !1, n._onRootDOMNode = function (e) {\n              n._rootDOMNode = e, n.props.inputRef(e);\n            }, n._onChange = function (e) {\n              n._controlled || n._resizeComponent(), n.props.onChange(e);\n            }, n._resizeComponent = function (e) {\n              if (void 0 === e && (e = j), void 0 === n._rootDOMNode) return void e();\n              var t = i(n._rootDOMNode, n._uid, n.props.useCacheForDOMMeasurements, n.props.minRows, n.props.maxRows);\n              if (null === t) return void e();\n              var r = t.height,\n                  a = t.minHeight,\n                  o = t.maxHeight,\n                  s = t.rowCount;\n              if (n.rowCount = s, n.state.height !== r || n.state.minHeight !== a || n.state.maxHeight !== o) return void n.setState({\n                height: r,\n                minHeight: a,\n                maxHeight: o\n              }, e);\n              e();\n            }, n.state = {\n              height: t.style && t.style.height || 0,\n              minHeight: -1 / 0,\n              maxHeight: 1 / 0\n            }, n._uid = _, n._controlled = \"string\" == typeof t.value, n;\n          }\n\n          a(t, e);\n          var n = t.prototype;\n          return n.render = function () {\n            var e = this.props,\n                t = (e.inputRef, e.maxRows, e.minRows, e.onHeightChange, e.useCacheForDOMMeasurements, o(e, [\"inputRef\", \"maxRows\", \"minRows\", \"onHeightChange\", \"useCacheForDOMMeasurements\"]));\n            return t.style = r({\n              t: t.style,\n              height: this.state.height\n            }), Math.max(t.style.maxHeight || 1 / 0, this.state.maxHeight) < this.state.height && (t.style.overflow = \"hidden\"), l.a.createElement(\"textarea\", r({\n              t: t,\n              onChange: this._onChange,\n              ref: this._onRootDOMNode\n            }));\n          }, n.componentDidMount = function () {\n            var e = this;\n            this._resizeComponent(), this._resizeListener = function () {\n              e._resizeLock || (e._resizeLock = !0, e._resizeComponent(function () {\n                return e._resizeLock = !1;\n              }));\n            },\n            window.addEventListener(\"resize\", this._resizeListener);\n          }, n.componentDidUpdate = function (e, t) {\n            var n = this;\n            e !== this.props && (this._clearNextFrame(), this._onNextFrameActionId = E(function () {\n              return n._resizeComponent();\n            })), this.state.height !== t.height &&\n            this.props.onHeightChange(this.state.height, this);\n          }, n.componentWillUnmount = function () {\n            this._clearNextFrame(), window.removeEventListener(\"resize\", this._resizeListener), g(this._uid);\n          },\n          n._clearNextFrame = function () {\n            w(this._onNextFrameActionId);\n          }, t;\n        }(l.a.Component);\n\n        x.propTypes = {\n          inputRef: f.a.func,\n          maxRows: f.a.number,\n          minRows: f.a.number,\n          onChange: f.a.func,\n          onHeightChange: f.a.func,\n          useCacheForDOMMeasurements: f.a.bool,\n          value: f.a.string\n        },\n        x.defaultProps = {\n          inputRef: j,\n          onChange: j,\n          onHeightChange: j,\n          useCacheForDOMMeasurements: !1\n        }, t.default = x;\n      }, function (e, t, n) {\n        e.exports = n(174)();\n      }, function (e, t, n) {\n        \"use strict\";\n\n        function r() {}\n\n        var a = n(175);\n\n        e.exports = function () {\n          function e(e, t, n, r, o, i) {\n            if (i !== a) {\n              var s = new Error(\"Calling PropTypes validators directly is not supported by the `prop-types` package. Use PropTypes.checkPropTypes() to call them. Read more at http://fb.me/use-check-prop-types\");\n              throw s.name = \"Invariant Violation\", s;\n            }\n          }\n        }\n      }\n    }\n  }\n}

```

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function t() {\n    return e;\n    }\n\n    e.isRequired = e;\n    var n = {\n        array: e,\n        bool: e,\n        func: e,\n        number: e,\n        object: e,\n        string: e,\n        symbol: e,\n        any: e,\n        arrayOf: t,\n        element: e,\n        instanceof: t,\n        node: e,\n        objectOf: t,\n        oneOf: t,\n        oneOfType: t,\n        shape: t,\n        exact: t\n    };\n    return n.checkPropTypes = r, n.PropTypes = n, n;\n    };\n    }, function (e, t, n) {\n        \"use strict\";\n\n        e.exports = \"SECRET_DO_NOT_PASS_THIS_OR_YOU_WILL_BE_FIRED\";\n    }, function (e, t, n) {\n        \"use strict\";\n\n        function r(e) {\n            e = e.trim();\n            try {\n                if (e = JSON.stringify(JSON.parse(e)), \"[\" === e[0]) return a(\"array\", JSON.parse(e));\n                if (\"{\" === e[0]) return a(\"object\", JSON.parse(e));\n                if (e.match(/\\|-?\\|d+\\.\\|d+\\|) && e.match(/\\|-?\\|d+\\.\\|d+\\|)[0] === e) return a(\"float\", parseFloat(e));\n                if (e.match(/\\|-?\\|d+\\|) && e.match(/\\|-?\\|d+\\|)[0] === e) return a(\"integer\", parseInt(e));\n            } catch (e) {\n                switch (e = e.toLowerCase()) {\n                    case \"undefined\":\n                        return a(\"undefined\", void 0);\n                    case \"nan\":\n                        return a(\"nan\", NaN);\n                    case \"null\":\n                        return a(\"null\", null);\n                    case \"true\":\n                        return a(\"boolean\", !0);\n                    case \"false\":\n                        return a(\"boolean\", !1);\n                    default:\n                        if (e = Date.parse(e)) return a(\"date\", new Date(e));\n                }\n                return a(!1, null);\n            }\n        }\n\n        function a(e, t) {\n            return {\n                type: e,\n                value: t\n            };\n        }\n\n        Object.defineProperty(t, \"__esModule\", {\n            value: !0\n        }), t.default = r;\n    }, function (e, t, n) {\n        \"use strict\";\n\n        function r(e) {\n            return e && e.__esModule ? e : {\n                default: e\n            };\n        }\n\n        function a(e, t) {\n            if (!(e instanceof t)) throw new TypeError(\"Cannot call a class as a function\");\n        }\n\n        function o(e, t) {\n            if (!e) throw new ReferenceError(\"this hasn't been initialised - super() hasn't been called\");\n            return !t || \"object\" !== typeof t && \"function\" !== typeof t ? e : t;\n        }\n\n        function i(e, t) {\n            if (\"function\" !== typeof t && null !== t) throw new TypeError(\"Super expression must either be null or a function, not \" + typeof t);\n            e.prototype = Object.create(t && t.prototype, {\n                constructor: {\n                    value: e,\n                    enumerable: !1,\n                    writable: !0,\n                    configurable: !0\n                }\n            }), t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__ = t);\n        }\n\n        Object.defineProperty(t, \"__esModule\", {\n            value: !0\n        });\n\n        var s = Object.assign || function (e) {\n            for (var t = 1; t < arguments.length; t++) {\n                var n = arguments[t];\n                for (var r in n) {\n                    Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);\n                }\n            }\n            return e;\n        },\n        u = function () {\n            function e(e, t) {\n                for (var n = 0; n < t.length; n++) {\n                    var r = t[n];\n                    r.enumerable = r.enumerable || !1, r.configurable = !0, \"value\" in r && (r.writable = !0),\n                    Object.defineProperty(e, r.key, r);\n                }\n                return function (t, n, r) {\n                    return n && e(t.prototype, n, r) && e(t, r, t);\n                },\n                l = n(0),\n                c = r(l),\n                f = n(14),\n                d = r(f),\n                p = n(13),\n                b = r(p),\n                h = n(178),\n                y = r(h),\n                v = n(1),\n                m = (r(v), function (e) {\n                    function t() {\n                        var e, n, r, i;\n                        a(this, t);\n                        for (var u = arguments.length, l = Array(u), c = 0; c < u; c++) {\n                            l[c] = arguments[c];\n                        }\n                        return n = r = o(this, (e = t.__proto__ || Object.getPrototypeOf(t)).call.apply(e, [this].concat(l))), r.isValid = function (e) {\n                            var t = r.props.rjvId,\n                                n = b.default.get(t, \"action\", \"new-key-request\");\n                            return \"\" !== e && -1 === Object.keys(n.existing_value).indexOf(e);\n                        },\n                        r.submit = function (e) {\n                            var t = r.props.rjvId,\n                                n = b.default.get(t, \"action\", \"new-key-request\");\n                            n.new_value = s({}, n.existing_value), n.new_value[e] = r.props.defaultValue,\n                            d.default.dispatch({\n                                name: \"VARIABLE_ADDED\", \n                                rjvId: t,\n                                data: n\n                            });\n                        },\n                        i = n, o(r, i);\n                    }\n                    return i(t, e), u(t, [{\n                        key: \"render\", \n                        value: function value() {\n                            var e = this.props,\n                                t = e.active,\n                                n = e.theme,\n                                r = e.rjvId;\n                            return t ?\n                                c.default.createElement(y.default, {\n                                    rjvId: r,\n                                    theme: n,\n                                    isValid: this.isValid,\n                                    submit: this.submit\n                                }) : null;\n                        }\n                    }]), t;\n                }(c.default.PureComponent));\n                t.default = m;\n            },\n            function (e, t, n) {\n                \"use strict\";\n\n                function r(e) {\n                    return e && e.__esModule ? e : {\n                        default: e\n                    };\n                }\n\n                function a(e, t) {\n                    if (!(e instanceof t)) throw new TypeError(\"Cannot call a class as a function\");\n                }\n\n                function o(e, t) {\n                    if (!e) throw new ReferenceError(\"this hasn't been initialised - super() hasn't been called\");\n                    return !t || \"object\" !== typeof t && \"function\" !== typeof t ? e : t;\n                }\n\n                function i(e, t) {\n                    if (\"function\" !== typeof t && null !== t) throw new TypeError(\"Super expression must either be null or a function, not \" + typeof t);\n                    e.prototype = Object.create(t && t.prototype, {\n                        constructor: {\n                            value: e,\n                            enumerable: !1,\n                            writable: !0,\n                            configurable: !0\n                        }\n                    }), t && (Object.setPrototypeOf

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? Object.setPrototypeOf(e, t) : e.__proto__ = t);
}

Object.defineProperty(t, "__esModule", {
  value:
!0
});

var s = Object.assign || function (e) {
  for (var t = 1; t < arguments.length; t++) {
    var n = arguments[t];

    for (var r in n) {
      Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);
    }
  }

  return e;
},

u = function () {
  function e(e, t) {
    for (var n = 0; n < t.length; n++) {
      var r = t[n];

      r.enumerable = r.enumerable || !1, r.configurable = !0, "value" in r && (r.writable = !0), Object.defineProperty(e, r.key, r);
    }
  }

  return function (t, n, r) {
    return n && e(t.prototype, n, r) && e(t, r, t);
  }
}(),

l = n(0),
c = r(1),
f = n(14),
d = r(f),
p = n(15),
b = n(1),
h = r(b),
y = function (e) {
  function t(e) {
    a(this, t);

    var n = o(this, (t.__proto__ || Object.getPrototypeOf(t)).call(this, e));

    return n.closeModal = function () {
      d.default.dispatch({
        rjvId: n.props.rjvId,
        name: "RESET"
      });
    }, n.submit = function () {
      n.props.submit(n.state.input);
    }, n.state = {
      input: e.input ? e.input : ""
    }, n;
  }

  return i(t, e), u(t, [{
    key: "render",
    value: function value() {
      var e = this, t = this.props, n = t.theme, r = t.rjvId, a = t.isValid, o = this.state.input, i = a(o);

      return c.default.createElement("div", s({
        className: "key-modal-request"
      }), (0, h.default)(n, "key-modal-request"), {
        onClick: this.closeModal
      }), c.default.createElement("div", s({
        (0, h.default)(n, "key-modal"),
        onClick: function onClick(e) {
          e.stopPropagation();
        }
      }), c.default.createElement("div", (0, h.default)(n, "key-modal-label"), "Key Name:"), c.default.createElement("div", {
        style: {
          position: "relative"
        }
      }), c.default.createElement("input", s({
        (0, h.default)(n, "key-modal-input"),
        className: "key-modal-input",
        ref: function ref(e) {
          return e && e.focus();
        },
        spellCheck: !1,
        value: o,
        placeholder: "...",
        onChange: function onChange(t) {
          e.setState({
            input: t.target.value
          });
        },
        onKeyPress: function onKeyPress(t) {
          i && "Enter" === t.key ? e.submit() : "Escape" === t.key && e.closeModal();
        }
      }), i ? c.default.createElement(p.CheckCircle, s({
        (0, h.default)(n, "key-modal-submit"),
        className: "key-modal-submit",
        onClick: function onClick(t) {
          return e.submit();
        }
      }) : null), c.default.createElement("span", (0, h.default)(n, "key-modal-cancel"), c.default.createElement(p.Add, s({
        (0, h.default)(n, "key-modal-cancel-icon"),
        className: "key-modal-cancel",
        onClick: function onClick() {
          d.default.dispatch({
            rjvId: r,
            name: "RESET"
          });
        }
      })))));
}

(c.default.PureComponent);

t.default = y;
}, function (e, t, n) {
  "use strict";

  function r(e) {
    return e && e.__esModule ? e : {
      default: e
    };
  }

  function a(e, t) {
    if (!(e instanceof t)) throw new TypeError("Cannot call a class as a function");
  }

  function o(e, t) {
    if (!e) throw new ReferenceError("this hasn't been initialised - super() hasn't been called");

    return !t || "object" !== typeof t && "function" !== typeof t ? e : t;
  }

  function i(e, t) {
    if ("function" !== typeof t && null !== t) throw new TypeError("Super expression must either be null or a function, not " + typeof t);

    e.prototype = Object.create(t && t.prototype, {
      constructor: {
        value: e,
        enumerable: !1,
        writable: !0,
        configurable: !0
      }
    }), t && (Object.setPrototypeOf ? Object.setPrototypeOf(e, t) : e.__proto__ = t);

    Object.defineProperty(t, "__esModule", {
      value:
!0
});

var s = Object.assign || function (e) {
  for (var t = 1; t < arguments.length; t++) {
    var n = arguments[t];

    for (var r in n) {
      Object.prototype.hasOwnProperty.call(n, r) && (e[r] = n[r]);
    }
  }

  return e;
},

u = function () {
  function e(e, t) {
    for (var n = 0; n < t.length; n++) {
      var r = t[n];

      r.enumerable = r.enumerable || !1, r.configurable = !0, "value" in r && (r.writable = !0), Object.defineProperty(e, r.key, r);
    }
  }

  return function (t, n, r) {
    return n && e(t.prototype, n, r) && e(t, r, t);
  }
}(),

l = n(0),
c = r(1),
f = n(14),
d = r(f),
p = n(13),
b = (r(p), n(15)),
h = n(1),
y = r(h),
v = function (e) {
  function t() {
    return a(this, t), o(this, (t.__proto__ || Object.getPrototypeOf(t)).apply(this, arguments));
  }

  return i(t, e), u(t, [{
    key: "render",
    value: function value() {
      var e = this.props, t = e.message, n = e.active, r = e.theme, a = e.rjvId;

      return n ? c.default.createElement("div", s({
        className: "validation-failure"
      }), (0, y.default)(r, "validation-failure"), {
        onClick: function

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onClick() {\n      d.default.dispatch({\n        rjvId: a,\n        name: \"RESET\"\n      });\n    }, c.default.createElement(\"span\", (0, y.default)(r, \"validation-failure-label\"), t),\n    c.default.createElement(b.Add, (0, y.default)(r, \"validation-failure-clear\")) : null;\n  });\n  t;\n}(c.default.PureComponent);\n\n  t.default = v;\n}, function (e, t, n) {\n  var r = n(181);\n  \"string\" === typeof r\n  && (r = [[e.i, r, \"\"]]);\n  var a = {};\n  a.transform = void 0, n(183)(r, a), r.locals && (e.exports = r.locals);\n},\nfunction (e, t, n) {\n  t = e.exports = n(182)(!1), t.push([e.i, \".react-json-view .copy-to-clipboard-\n  container{vertical-align:top;display:none}.react-json-view .click-to-add,.react-json-view .click-to-edit,.react-json-\n  view .click-to-remove{display:none}.react-json-view .object-content .variable-row:hover .click-to-edit,.react-json-\n  view .object-content .variable-row:hover .click-to-remove,.react-json-view .object-key-val:hover>span>.object-\n  meta-data>.click-to-add,.react-json-view .object-key-val:hover>span>.object-meta-data>.click-to-remove,.react-\n  json-view .object-key-val:hover>span>.object-meta-data>.copy-to-clipboard-container,.react-json-view .variable-\n  row:hover .copy-to-clipboard-container{display:inline-block}\", \"\"]);;\n}, function (e, t) {\n  function n(e, t) {\n    var n = e[1] || \"\",\n        a = e[3];\n    if (!a) return n;\n    if (t && \"function\" === typeof btoa) {\n      var o =\n      r(a);\n      return [n].concat(a.sources.map(function (e) {\n        return \"/*# sourceMappingURL=\" + a.sourceRoot + e + \"\n        *^\";\n      })).concat([o]).join(\"\\n\");\n    }\n    return [n].join(\"\\n\");\n  }\n  function r(e) {\n    return\n    \"/*# sourceMappingURL=data:application/json;charset=utf-8;base64,\" +\n    btoa(unescape(encodeURIComponent(JSON.stringify(e)))) + \" *^\";\n  }\n  e.exports = function (e) {\n    var t\n    = [];\n    return t.toString = function () {\n      return this.map(function (t) {\n        var r = n(t, e);\n        return\n        t[2] ? \"@media \" + t[2] + \"{\" + r + \"}\" : r;\n      }).join(\"\\n\");\n    }, t.i = function (e, n) {\n      \"string\" ===\n      typeof e && (e = [[null, e, \"\"]]);\n      for (var r = {}, a = 0; a < this.length; a++) {\n        var o = this[a][0];\n        \"number\" === typeof o && (r[o] = !0);\n      }\n      for (a = 0; a < e.length; a++) {\n        var i = e[a];\n        \"number\" === typeof i[0] && r[i[0]] || (n && !i[2] ? i[2] = n : n && (i[2] = \"(\" + i[2] + \") and (\" + n + \")\"),\n        t.push(i));\n      }\n      }, t;\n    };;\n  }, function (e, t, n) {\n    function r(e, t) {\n      for (var n = 0; n < e.length; n++)\n      {\n        var r = e[n],\n            a = b[r.id];\n        if (a) {\n          a.refs++;\n          for (var o = 0; o < a.parts.length;\n          o++) {\n            a.parts[o](r.parts[o]);\n          }\n          for (; o < r.parts.length; o++) {\n            a.parts.push(c(r.parts[o], t));\n          }\n        } else {\n          for (var i = [], o = 0; o < r.parts.length; o++) {\n            i.push(c(r.parts[o], t));\n          }\n          b[r.id] = {\n            id: r.id,\n            refs: 1,\n            parts: i;\n          };\n        }\n      }\n    }\n    function a(e, t) {\n      for (var n = [], r = {}, a = 0; a < e.length; a++) {\n        var o = e[a],\n            i = t.base ? o[0] + t.base : o[0],\n            s = o[1],\n            u = o[2],\n            l = o[3],\n            c = {\n              css: s,\n              media: u,\n              sourceMap: l;\n            };\n        r[i] ? r[i].parts.push(c) : n.push(r[i] = {\n          id: i,\n          parts:\n          [c];\n        });\n      }\n      return n;\n    }\n    function o(e, t) {\n      var n = y(e.insertInto);\n      if (!n) throw new\n      Error(\"Couldn't find a style target. This probably means that the value for the 'insertInto' parameter is invalid.\");\n      var r = g[g.length - 1];\n      if (\"top\" === e.insertAt) r ? r.nextSibling ? n.insertBefore(t, r.nextSibling) :\n      n.appendChild(t) : n.insertBefore(t, n.firstChild), g.push(t);\n      else {\n        if (\"bottom\" !== e.insertAt) throw new\n        Error(\"Invalid value for parameter 'insertAt'. Must be 'top' or 'bottom'.\");\n        n.appendChild(t);\n      }\n    }\n    function i(e) {\n      if (null === e.parentNode) return !1;\n      e.parentNode.removeChild(e);\n      var t =\n      g.indexOf(e);\n      t >= 0 && g.splice(t, 1);\n    }\n    function s(e) {\n      var t =\n      document.createElement(\"style\");\n      return e.attrs.type = \"text/css\", l(t, e.attrs), o(e, t), t;\n    }\n    function\n    u(e) {\n      var t = document.createElement(\"link\");\n      return e.attrs.type = \"text/css\", e.attrs.rel =\n      \"stylesheet\", l(t, e.attrs), o(e, t), t;\n    }\n    function l(e, t) {\n      Object.keys(t).forEach(function (n) {\n        e.setAttribute(n, t[n]);\n      });\n    }\n    function c(e, t) {\n      var n, r, a, o;\n      if (t.transform && e.css) {\n        if (!o = t.transform(e.css)) return function () {};\n        e.css = o;\n      }\n      if (t.singleton) {\n        var l =\n        m++;\n        n = v || (v = s(t)), r = f.bind(null, n, l, !1), a = f.bind(null, n, l, !0);\n      } else e.sourceMap &&\n      \"function\" === typeof URL && \"function\" === typeof URL.createObjectURL && \"function\" === typeof\n      URL.revokeObjectURL && \"function\" === typeof Blob && \"function\" === typeof btoa ? (n = u(t), r = p.bind(null,\n      n, t), a = function a() {\n        i(n), n.href && URL.revokeObjectURL(n.href);\n      }) : (n = s(t), r = d.bind(null, n),\n      a = function a() {\n        i(n);\n      });\n      return r(e), function (t) {\n        if (t) {\n          if (t.css === e.css &&\n          t.media === e.media && t.sourceMap === e.sourceMap) return;\n          r(e = t);\n        } else a();\n      };;\n    }\n  }\n}
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```

function f(e, t, n, r) {\n    var a = n ? \"\" : r.css;\n    if (e.styleSheet) e.styleSheet.cssText = j(t, a);else {\n        var
o = document.createTextNode(a);\n        i = e.childNodes;\n        i[t] && e.removeChild(i[t]), i.length ?
e.insertBefore(o, i[t]) : e.appendChild(o);\n    }\n}\n\nfunction d(e, t) {\n    var n = t.css,\n        r =
t.media;\n    if (r && e.setAttribute(\"media\", r), e.styleSheet) e.styleSheet.cssText = n;else {\n        for (;
e.firstChild;) {\n            e.removeChild(e.firstChild);\n        }\n        e.appendChild(document.createTextNode(n));\n    }\n}\n\nfunction p(e, t, n) {\n    var r = n.css,\n        a = n.sourceMap,\n        o = void 0 ===
t.convertToAbsoluteUrls && a;\n    (t.convertToAbsoluteUrls || o) && (r = _(r)), a && (r += \"\\n/*#
sourceMappingURL=data:application/json;base64,\" + btoa(unescape(encodeURIComponent(JSON.stringify(a)))) +
\" *^\");\n    var i = new Blob([r], {\n        type: \"text/css\"\n    }),\n        s = e.href;\n    e.href =
URL.createObjectURL(i), s && URL.revokeObjectURL(s);\n}\n\nvar b = {},\n    h = function (e) {\n    var
t;\n    return function () {\n        return void 0 === t && (t = e.apply(this, arguments)), t;\n    };(function ()
{\n        return window && document && document.all && !window.atob;\n    }),\n    y = function (e) {\n    var t
= {};\n    return function (n) {\n        return void 0 === t[n] && (t[n] = e.call(this, n)), t[n];\n    };(function
(e) {\n        return document.querySelector(e);\n    }),\n    v = null,\n    m = 0,\n    g = [],\n    _ = n(184);\n    n
e.exports = function (e, t) {\n        if (!\"undefined\" != typeof DEBUG && DEBUG && \"object\" != typeof
document) throw new Error(\"The style-loader cannot be used in a non-browser environment\");\n        t = t || {},
t.attrs = \"object\" == typeof t.attrs ? t.attrs : {}, t.singleton || (t.singleton = h()), t.insertInto || (t.insertInto = \"head\"),
t.insertAt || (t.insertAt = \"bottom\");\n        var n = a(e, t);\n        return r(n, t), function (e) {\n            for (var o = [], i = 0;
i < n.length; i++) {\n                var s = n[i],\n                    u = b[s.id];\n                u.refs--, o.push(u);\n            }\n            e && r(a(e,
t), t);\n            for (var i = 0; i < o.length; i++) {\n                var u = o[i];\n                if (0 === u.refs) {\n                    for (var l =
0; l < u.parts.length; l++) {\n                        u.parts[l]();\n                    }\n                    delete b[u.id];\n                }\n            }\n        };(function () {\n            var e = [];\n            return function (t, n) {\n                return e[t] = n,
e.filter(Boolean).join(\"\\n\");\n            };(function (e, t) {\n                e.exports = function (e) {\n                    var t =
\"undefined\" != typeof window && window.location;\n                    if (!t) throw new Error(\"fixUrls requires
window.location\");\n                    if (!e || \"string\" != typeof e) return e;\n                    var n = t.protocol + \"//\" + t.host,\n                        r = n
+ t.pathname.replace(/\\/[^\\/*$%/, \"^\");\n                    return e.replace(/url\\s*((?:[^\]|\[([^\]]+|\\[^\]]*)*)\\s*)\\s*/gi,
function (e, t) {\n                        var a = t.trim().replace(/^(.*)\"$/, function (e, t) {\n                            return t;\n                        }).replace(/^(.*)\"$/,
function (e, t) {\n                            return t;\n                        });\n                        if (/^(#|data:|http:\\/\\/|https:\\/\\/|file:\\/\\/)/i.test(a)) return e;\n
                        var o;\n                        return o = 0 === a.indexOf(\"/\") ? a : 0 === a.indexOf(\"^\") ? n + a : r + a.replace(/\\/\\.\\./, \"\\\"/\"),
                        \"url(\" + JSON.stringify(o) + \")\";\n                    });\n                };(function () {\n                    \"module\".exports = {\n                        'assign': require('./assign'),\n
                        'assignIn': require('./assignIn'),\n                        'assignInWith': require('./assignInWith'),\n                        'assignWith': require('./assignWith'),\n
                        'at': require('./at'),\n                        'create': require('./create'),\n                        'defaults': require('./defaults'),\n                        'defaultsDeep':
                        require('./defaultsDeep'),\n                        'entries': require('./entries'),\n                        'entriesIn': require('./entriesIn'),\n                        'extend':
                        require('./extend'),\n                        'extendWith': require('./extendWith'),\n                        'findKey': require('./findKey'),\n                        'findLastKey':
                        require('./findLastKey'),\n                        'forIn': require('./forIn'),\n                        'forInRight': require('./forInRight'),\n                        'forOwn':
                        require('./forOwn'),\n                        'forOwnRight': require('./forOwnRight'),\n                        'functions': require('./functions'),\n                        'functionsIn':
                        require('./functionsIn'),\n                        'get': require('./get'),\n                        'has': require('./has'),\n                        'hasIn': require('./hasIn'),\n
                        'invert': require('./invert'),\n                        'invertBy': require('./invertBy'),\n                        'invoke': require('./invoke'),\n                        'keys': require('./keys'),\n
                        'keysIn': require('./keysIn'),\n                        'mapKeys': require('./mapKeys'),\n                        'mapValues': require('./mapValues'),\n                        'merge':
                        require('./merge'),\n                        'mergeWith': require('./mergeWith'),\n                        'omit': require('./omit'),\n                        'omitBy':
                        require('./omitBy'),\n                        'pick': require('./pick'),\n                        'pickBy': require('./pickBy'),\n                        'result': require('./result'),\n
                        'set': require('./set'),\n                        'setWith': require('./setWith'),\n                        'toPairs': require('./toPairs'),\n                        'toPairsIn': require('./toPairsIn'),\n
                        'transform': require('./transform'),\n                        'unset': require('./unset'),\n                        'update': require('./update'),\n                        'updateWith':
                        require('./updateWith'),\n                        'values': require('./values'),\n                        'valuesIn': require('./valuesIn')\n                    };\"function
createThunkMiddleware(extraArgument) {\n                    return function (_ref) {\n                        var dispatch = _ref.dispatch,\n                            getState = _ref.getState;\n                        return function (next) {\n                            return function (action) {\n                                if (typeof action ===
'function') {\n                                    return action(dispatch, getState, extraArgument);\n                                }\n                                return next(action);\n                            };(function () {\n                                return next(action);\n                            });\n                        }\n                    };(function () {\n                        return next(action);\n                    });\n                }\n            }\n        }\n    }\n}\n\nvar thunk = createThunkMiddleware();\nthunk.withExtraArgument =

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createThunkMiddleware;\nexport default thunk;","export default function _defineProperty(obj, key, value) {\n if
(key in obj) {\n Object.defineProperty(obj, key, {\n value: value,\n enumerable: true,\n configurable:
true,\n writable: true\n });\n } else {\n obj[key] = value;\n }\n\n return obj;\n}","import defineProperty from
\"./defineProperty\";\nexport default function _objectSpread(target) {\n for (var i = 1; i < arguments.length; i++) {\n
var source = arguments[i] != null ? arguments[i] : {};\n var ownKeys = Object.keys(source);\n\n if (typeof
Object.getOwnPropertySymbols === 'function') {\n ownKeys =
ownKeys.concat(Object.getOwnPropertySymbols(source).filter(function (sym) {\n return
Object.getOwnPropertyDescriptor(source, sym).enumerable;\n }));\n }\n\n ownKeys.forEach(function (key)
{\n defineProperty(target, key, source[key]);\n });\n }\n\n return target;\n}","/** @license React v16.6.1\n *
react.production.min.js\n * Copyright (c) Facebook, Inc. and its affiliates.\n * This source code is licensed
under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n */\n'use
strict';\n\nvar k = require(\"object-assign\"),\n n = \"function\" === typeof Symbol && Symbol.for,\n p = n ?
Symbol.for(\"react.element\") : 60103,\n q = n ? Symbol.for(\"react.portal\") : 60106,\n r = n ?
Symbol.for(\"react.fragment\") : 60107,\n t = n ? Symbol.for(\"react.strict_mode\") : 60108,\n u = n ?
Symbol.for(\"react.profiler\") : 60114,\n v = n ? Symbol.for(\"react.provider\") : 60109,\n w = n ?
Symbol.for(\"react.context\") : 60110,\n x = n ? Symbol.for(\"react.concurrent_mode\") : 60111,\n y = n ?
Symbol.for(\"react.forward_ref\") : 60112,\n z = n ? Symbol.for(\"react.suspense\") : 60113,\n A = n ?
Symbol.for(\"react.memo\") : 60115,\n B = n ? Symbol.for(\"react.lazy\") : 60116,\n C = \"function\" === typeof
Symbol && Symbol.iterator;\n\nfunction aa(a, b, e, c, d, g, h, f) {\n if (!a) {\n a = void 0;\n if (void 0 === b) a =
Error(\"Minified exception occurred; use the non-minified dev environment for the full error message and additional
helpful warnings.\");\n } else {\n var l = [e, c, d, g, h, f],\n m = 0;\n a = Error(b.replace(/%s/g, function () {\n
return l[m++];\n }));\n a.name = \"Invariant Violation\";\n }\n a.framesToPop = 1;\n throw a;\n
}\n\nfunction D(a) {\n for (var b = arguments.length - 1, e = \"https://reactjs.org/docs/error-
decoder.html?invariant=\" + a, c = 0; c < b; c++) {\n e += \"%&args[\" + encodeURIComponent(arguments[c +
1]);\n }\n\n aa(!1, \"Minified React error #\" + a + \"; visit %s for the full message or use the non-minified dev
environment for full errors and additional helpful warnings. \", e);\n}\n\nvar E = {\n isMounted: function
isMounted() {\n return !1;\n },\n enqueueForceUpdate: function enqueueForceUpdate() {},\n
enqueueReplaceState: function enqueueReplaceState() {},\n enqueueSetState: function enqueueSetState() {}},\n
F = {};\n\nfunction G(a, b, e) {\n this.props = a;\n this.context = b;\n this.refs = F;\n this.updater = e ||
E;\n}\n\nG.prototype.isReactComponent = {};\n\nG.prototype.setState = function (a, b) {\n \"object\" !== typeof a
&& \"function\" !== typeof a && null !== a ? D(\"85\") : void 0;\n this.updater.enqueueSetState(this, a, b,
\"setState\");\n};\n\nG.prototype.forceUpdate = function (a) {\n this.updater.enqueueForceUpdate(this, a,
\"forceUpdate\");\n};\n\nfunction H() {\n}\n\nH.prototype = G.prototype;\n\nfunction I(a, b, e) {\n this.props = a;\n
this.context = b;\n this.refs = F;\n this.updater = e || E;\n}\n\nvar J = I.prototype = new H();\n\nJ.constructor =
I;\n\nJ.isPureReactComponent = !0;\n\nvar K = {\n current: null,\n currentDispatcher: null},\n
L = Object.prototype.hasOwnProperty,\n M = {\n key: !0,\n ref: !0,\n __self: !0,\n __source: !0};\n\nfunction
N(a, b, e) {\n var c = void 0,\n d = {},\n g = null,\n h = null;\n if (null !== b) for (c in void 0 !== b.ref &&
(h = b.ref), void 0 !== b.key && (g = \"\" + b.key), b) {\n L.call(b, c) && !M.hasOwnProperty(c) && (d[c] =
b[c]);\n }\n\n var f = arguments.length - 2;\n if (1 === f) d.children = e;\n else if (1 < f) {\n for (var l = Array(f), m =
0; m < f; m++) {\n l[m] = arguments[m + 2];\n }\n\n d.children = l;\n }\n\n if (a && a.defaultProps) for (c in f
= a.defaultProps, f) {\n void 0 === d[c] && (d[c] = f[c]);\n }\n\n return {\n $$typeof: p,\n type: a,\n key: g,\n
ref: h,\n props: d,\n _owner: K.current\n };\n}\n\nfunction ba(a, b) {\n return {\n $$typeof: p,\n type:
a.type,\n key: b,\n ref: a.ref,\n props: a.props,\n _owner: a._owner\n };\n}\n\nfunction O(a) {\n return
\"object\" === typeof a && null !== a && a.$$typeof === p;\n}\n\nfunction escape(a) {\n var b = {\n \"=\":
\"=0\", \"\": \"\": \"=2\";\n }\n\n return \"\" + (\"\" + a).replace(/[=]/g, function (a) {\n return b[a];\n });\n}\n\nvar
P = /\|+/g,\n Q = [];\n\nfunction R(a, b, e, c) {\n if (Q.length) {\n var d = Q.pop();\n d.result = a;\n
d.keyPrefix = b;\n d.func = e;\n d.context = c;\n d.count = 0;\n return d;\n }\n\n return {\n result: a,\n
keyPrefix: b,\n func: e,\n context: c,\n count: 0\n };\n}\n\nfunction S(a) {\n a.result = null;\n a.keyPrefix =

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null;\n a.func = null;\n a.context = null;\n a.count = 0;\n 10 > Q.length && Q.push(a);\n}\n\nfunction T(a, b, e, c)
{\n  var d = typeof a;\n  if (\\"undefined\\" === d || \\"boolean\\" === d) a = null;\n  var g = !1;\n  if (null === a) g =
!0;else switch (d) {\n  case \\"string\\":\n  case \\"number\\":\n  g = !0;\n  break;\n\n  case \\"object\\":\n  switch (a.$typeof) {\n  case p:\n  case q:\n  g = !0;\n  }\n\n  }\n  if (g) return e(c, a, \\"\" === b ? \\".\" +
U(a, 0) : b), 1;\n  g = 0;\n  b = \\"\" === b ? \\".\" : b + \\".\";\n  if (Array.isArray(a)) for (var h = 0; h < a.length; h++)
{\n  d = a[h];\n  var f = b + U(d, h);\n  g += T(d, f, e, c);\n  }\n  else if (null === a || \\"object\\" !== typeof a ? f =
null : (f = C && a[C] || a[\\"@iterator\\"], f = \\"function\\" === typeof f ? f : null), \\"function\\" === typeof f) for (a =
f.call(a), h = 0; !(d = a.next()).done;) {\n  d = d.value, f = b + U(d, h++), g += T(d, f, e, c);\n  }\n  else \\"object\\" ===
d && (e = \\"\" + a, D(\\"31\\", \\"[object Object]\\") === e ? \\"object with keys {" + Object.keys(a).join(\", \") + \"}\\" :
e, \\"\"));\n  return g;\n}\n\nfunction V(a, b, e) {\n  return null == a ? 0 : T(a, \\"\", b, e);\n}\n\nfunction U(a, b) {\n
return \\"object\\" === typeof a && null !== a && null != a.key ? escape(a.key) : b.toString(36);\n}\n\nfunction ca(a,
b) {\n  a.func.call(a.context, b, a.count++);\n}\n\nfunction da(a, b, e) {\n  var c = a.result,\n  d = a.keyPrefix;\n  a
= a.func.call(a.context, b, a.count++);\n  Array.isArray(a) ? W(a, c, e, function (a) {\n  return a;\n  }) : null != a &&
(O(a) && (a = ba(a, d + (!a.key || b && b.key === a.key ? \\"\" : (\\"\" + a.key).replace(P, \\"$&^\\") + \\"^\\") +
e)),
c.push(a));\n}\n\nfunction W(a, b, e, c, d) {\n  var g = \\"\";\n  null != e && (g = (\\"\" + e).replace(P, \\"$&^\\") +
\\\"^\\");\n  b = R(b, g, c, d);\n  V(a, da, b);\n  S(b);\n}\n\nvar X = {\n  Children: {\n  map: function map(a, b, e) {\n
if (null == a) return a;\n  var c = [];\n  W(a, c, null, b, e);\n  return c;\n  },\n  forEach: function forEach(a,
b, e) {\n  if (null == a) return a;\n  b = R(null, null, b, e);\n  V(a, ca, b);\n  S(b);\n  },\n  count: function
count(a) {\n  return V(a, function () {\n  return null;\n  }, null);\n  },\n  toArray: function toArray(a) {\n
var b = [];\n  W(a, b, null, function (a) {\n  return a;\n  });\n  return b;\n  },\n  only: function only(a)
{\n  O(a) ? void 0 : D(\\"143\\");\n  return a;\n  }\n  },\n  createRef: function createRef() {\n  return {\n
current: null;\n  };\n  },\n  Component: G,\n  PureComponent: I,\n  createContext: function createContext(a, b) {\n
void 0 === b && (b = null);\n  a = {\n  $$typeof: w,\n  _calculateChangedBits: b,\n  _currentValue: a,\n
_currentValue2: a,\n  Provider: null,\n  Consumer: null;\n  };\n  a.Provider = {\n  $$typeof: v,\n
_context: a;\n  };\n  return a.Consumer = a;\n  },\n  forwardRef: function forwardRef(a) {\n  return {\n
$$typeof: y,\n  render: a;\n  };\n  },\n  lazy: function lazy(a) {\n  return {\n  $$typeof: B,\n  _ctor: a,\n
_status: -1,\n  _result: null;\n  };\n  },\n  memo: function memo(a, b) {\n  return {\n  $$typeof: A,\n  type:
a,\n  compare: void 0 === b ? null : b;\n  };\n  },\n  Fragment: r,\n  StrictMode: t,\n  Suspense: z,\n
createElement: N,\n  cloneElement: function cloneElement(a, b, e) {\n  null === a || void 0 === a ? D(\\"267\\", a) :
void 0;\n  var c = void 0,\n  d = k({}, a.props),\n  g = a.key,\n  h = a.ref,\n  f = a._owner;\n  if
(null != b) {\n  void 0 !== b.ref && (h = b.ref, f = K.current);\n  void 0 !== b.key && (g = \\"\" + b.key);\n
var l = void 0;\n  a.type && a.type.defaultProps && (l = a.type.defaultProps);\n  for (c in b) {\n  L.call(b,
c) && !M.hasOwnProperty(c) && (d[c] = void 0 === b[c] && void 0 !== l ? l[c] : b[c]);\n  }\n  }\n  c =
arguments.length - 2;\n  if (l === c) d.children = e;else if (l < c) {\n  l = Array(c);\n  for (var m = 0; m < c;
m++) {\n  l[m] = arguments[m + 2];\n  }\n  }\n  d.children = l;\n  }\n  return {\n  $$typeof: p,\n  type:
a.type,\n  key: g,\n  ref: h,\n  props: d,\n  _owner: f;\n  };\n  },\n  createFactory: function createFactory(a)
{\n  var b = N.bind(null, a);\n  b.type = a;\n  return b;\n  },\n  isValidElement: O,\n  version: \\"16.6.1\\",\n
__SECRET_INTERNALS_DO_NOT_USE_OR_YOU_WILL_BE_FIRED: {\n  ReactCurrentOwner: K,\n
assign: k;\n  }\n  };\n  X.unstable_ConcurrentMode = x;\n  X.unstable_Profiler = u;\n  var Y = {\n  default: X;\n  },\n  Z =
Y && X || Y;\n  module.exports = Z.default || Z;\n  /** @license React v16.6.1\n  * react-dom.production.min.js\n  *
\n  * Copyright (c) Facebook, Inc. and its affiliates.\n  * This source code is licensed under the MIT license found in
the\n  * LICENSE file in the root directory of this source tree.\n  */\n  Modernizr 3.0.0pre (Custom Build) |
MIT\n  * use strict';\n  var aa = require(\\"react\\"),\n  n = require(\\"object-assign\\"),\n  ba =
require(\\"scheduler\\");\n  function ca(a, b, c, d, e, f, g, h) {\n  if (!a) {\n  a = void 0;\n  if (void 0 === b) a =
Error(\\"Minified exception occurred; use the non-minified dev environment for the full error message and additional
helpful warnings.\");\n  }\n  var k = [c, d, e, f, g, h],\n  l = 0;\n  a = Error(b.replace(/%s/g, function () {\n
return k[l++];\n  }));\n  a.name = \\"Invariant Violation\\";\n  }\n  a.framesToPop = 1;\n  throw a;\n
}\n}\n\nfunction t(a) {\n  for (var b = arguments.length - 1, c = \\"https://reactjs.org/docs/error-

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decoder.html?invariant=" + a, d = 0; d < b; d++) {\n  c += "&args[=" + encodeURIComponent(arguments[d +
1]);\n }\n\n ca(!1, "Minified React error #" + a + "; visit %s for the full message or use the non-minified dev
environment for full errors and additional helpful warnings. \", c);\n\nnaa ? void 0 : t("227");\n\nfunction da(a, b,
c, d, e, f, g, h, k) {\n  var l = Array.prototype.slice.call(arguments, 3);\n\n  try {\n    b.apply(c, l);\n  } catch (m) {\n
this.onError(m);\n  }\n\n  nvar ea = !1, fa = null, ha = !1, ia = null, ja = {\n    onError: function
onError(a) {\n      ea = !0;\n      fa = a;\n    }\n  };\n\n  function ka(a, b, c, d, e, f, g, h, k) {\n    ea = !1;\n    fa = null;\n
da.apply(ja, arguments);\n  }\n\n  function la(a, b, c, d, e, f, g, h, k) {\n    ka.apply(this, arguments);\n\n    if (ea) {\n      if
(ea) {\n        var l = fa;\n        ea = !1;\n        fa = null;\n      } else t("198"), l = void 0;\n\n      ha || (ha = !0, ia = l);\n
}\n\n  nvar ma = null, na = {};\n\n  function oa() {\n    if (ma) for (var a in na) {\n      var b = na[a], c =
ma.indexOf(a);\n      -1 < c ? void 0 : t("96", a);\n\n      if (!pa[c]) {\n        b.extractEvents ? void 0 : t("97", a);\n
pa[c] = b;\n        c = b.eventTypes;\n\n        for (var d in c) {\n          var e = void 0;\n          var f = c[d], g = b,\n
h = d;\n          qa.hasOwnProperty(h) ? t("99", h) : void 0;\n          qa[h] = f;\n          var k =
f.phasedRegistrationNames;\n\n          if (k) {\n            for (e in k) {\n              k.hasOwnProperty(e) && ra(k[e], g, h);\n
}\n\n            e = !0;\n          } else f.registrationName ? (ra(f.registrationName, g, h), e = !0) : e = !1;\n\n          e ?
void 0 : t("98", d, a);\n        }\n      }\n\n      function ra(a, b, c) {\n        sa[a] ? t("100", a) : void 0;\n        sa[a] = b;\n
ta[a] = b.eventTypes[c].dependencies;\n      }\n\n      nvar pa = [], qa = {}, sa = {}, ta = {}, ua = null, va =
null, wa = null;\n\n      function xa(a, b, c) {\n        var d = a.type || "unknown-event";\n        a.currentTarget = wa(c);\n
la(d, b, void 0, a);\n        a.currentTarget = null;\n      }\n\n      function ya(a, b) {\n        null == b ? t("30") : void 0;\n        if (null ==
a) return b;\n\n        if (Array.isArray(a)) {\n          if (Array.isArray(b)) return a.push.apply(a, b), a;\n          a.push(b);\n
return a;\n        }\n\n        return Array.isArray(b) ? [a].concat(b) : [a, b];\n      }\n\n      function za(a, b, c) {\n        Array.isArray(a) ?
a.forEach(b, c) : a && b.call(c, a);\n      }\n\n      nvar Aa = null;\n\n      function Ba(a) {\n        if (a) {\n          var b =
a._dispatchListeners,\n          c = a._dispatchInstances;\n          if (Array.isArray(b)) for (var d = 0; d < b.length &&
!a.isPropagationStopped(); d++) {\n            xa(a, b[d], c[d]);\n          } else b && xa(a, b, c);\n          a._dispatchListeners =
null;\n          a._dispatchInstances = null;\n          a.isPersistent() || a.constructor.release(a);\n        }\n      }\n\n      nvar Ca = {\n
injectEventPluginOrder: function injectEventPluginOrder(a) {\n        ma ? t("101") : void 0;\n        ma =
Array.prototype.slice.call(a);\n        oa();\n      },\n      injectEventPluginsByName: function injectEventPluginsByName(a)
{\n        var b = !1, c;\n\n        for (c in a) {\n          if (a.hasOwnProperty(c)) {\n            var d = a[c];\n
na.hasOwnProperty(c) && na[c] === d || (na[c] ? t("102", c) : void 0, na[c] = d, b = !0);\n          }\n        }\n\n        b &&
oa();\n      }\n\n      function Da(a, b) {\n        var c = a.stateNode;\n        if (!c) return null;\n        var d = ua(c);\n        if (!d) return
null;\n        c = d[b];\n\n        a: switch (b) {\n          case "onClick":\n          case "onClickCapture":\n          case
"onDoubleClick":\n          case "onDoubleClickCapture":\n          case "onMouseDown":\n          case
"onMouseDownCapture":\n          case "onMouseMove":\n          case "onMouseMoveCapture":\n          case
"onMouseUp":\n          case "onMouseUpCapture":\n            (d = !d.disabled) || (a = a.type, d = !("button" === a ||
"input" === a || "select" === a || "textarea" === a));\n            a = !d;\n            break a;\n\n          default:\n            a = !1;\n          }\n\n        if (a) return null;\n        c && "function" !== typeof c ? t("231", b, typeof c) : void 0;\n        return c;\n      }\n\n      function Ea(a)
{\n        null !== a && (Aa = ya(Aa, a));\n        a = Aa;\n        Aa = null;\n        if (a && (za(a, Ba), Aa ? t("95") : void 0, ha))
throw a = ia, ha = !1, ia = null, a;\n      }\n\n      nvar Fa = Math.random().toString(36).slice(2), Ga =
"__reactInternalInstance$" + Fa, Ha = "__reactEventHandlers$" + Fa;\n\n      function Ia(a) {\n        if (a[Ga]) return
a[Ga];\n\n        for (; !a[Ga];) {\n          if (a.parentNode) a = a.parentNode; else return null;\n        }\n\n        a = a[Ga];\n        return 5
=== a.tag || 6 === a.tag ? a : null;\n      }\n\n      function Ja(a) {\n        a = a[Ga];\n        return !a || 5 !== a.tag && 6 !== a.tag ? null
: a;\n      }\n\n      function Ka(a) {\n        if (5 === a.tag || 6 === a.tag) return a.stateNode;\n        t("33");\n      }\n\n      function La(a) {\n
return a[Ha] || null;\n      }\n\n      function Ma(a) {\n        do {\n          a = a.return;\n        } while (a && 5 !== a.tag);\n\n        return a ? a :
null;\n      }\n\n      function Na(a, b, c) {\n        if (b = Da(a, c.dispatchConfig.phasedRegistrationNames[b]))\n          c._dispatchListeners = ya(c._dispatchListeners, b), c._dispatchInstances = ya(c._dispatchInstances,
a);\n\n        function Oa(a) {\n          if (a && a.dispatchConfig.phasedRegistrationNames) {\n            for (var b = a._targetInst, c
= []; b;) {\n              c.push(b), b = Ma(b);\n            }\n\n            for (b = c.length; 0 < b--;) {\n              Na(c[b], "captured", a);\n            }\n
\n            for (b = 0; b < c.length; b++) {\n              Na(c[b], "bubbled", a);\n            }\n          }\n\n          function Pa(a, b, c) {\n            a && c &&
c.dispatchConfig.registrationName && (b = Da(a, c.dispatchConfig.registrationName)) && (c._dispatchListeners =

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ya(c._dispatchListeners, b), c._dispatchInstances = ya(c._dispatchInstances, a);\n\nfunction Qa(a) {\n  a &&
a.dispatchConfig.registrationName && Pa(a._targetInst, null, a);\n\nfunction Ra(a) {\n  za(a, Oa);\n\nfunction Sa =
!(\n"undefined" === typeof window || !window.document || !window.document.createElement);\n\nfunction Ta(a, b)
{\n  var c = {};\n  c[a.toLowerCase()] = b.toLowerCase();\n  c["Webkit" + a] = "webkit" + b;\n  c["Moz" + a] =
"moz" + b;\n  return c;\n\nfunction Ua = {\n  animationend: Ta("Animation", "AnimationEnd"),\n
animationiteration: Ta("Animation", "AnimationIteration"),\n  animationstart: Ta("Animation",
"AnimationStart"),\n  transitionend: Ta("Transition", "TransitionEnd")\n},\n  Va = {},\n  Wa = {};\nSa &&
(Wa = document.createElement("div").style, "AnimationEvent" in window || (delete Ua.animationend.animation,
delete Ua.animationiteration.animation, delete Ua.animationstart.animation), "TransitionEvent" in window || delete
Ua.transitionend.transition);\n\nfunction Xa(a) {\n  if (Va[a]) return Va[a];\n  if (!Ua[a]) return a;\n  var b = Ua[a],\n
c;\n\n  for (c in b) {\n    if (b.hasOwnProperty(c) && c in Wa) return Va[a] = b[c];\n  }\n  return a;\n\nfunction Ya
= Xa("animationend"),\n  Za = Xa("animationiteration"),\n  $a = Xa("animationstart"),\n  ab =
Xa("transitionend"),\n  bb = "abort canplay canplaythrough durationchange emptied encrypted ended error
loadeddata loadedmetadata loadstart pause play playing progress ratechange seeked seeking stalled suspend
timeupdate volumechange waiting".split(" ");\n  cb = null,\n  eb = null,\n  fb = null;\n\nfunction gb() {\n  if
(fb) return fb;\n  var a,\n  b = eb,\n  c = b.length,\n  d,\n  e = "value" in cb ? cb.value : cb.textContent,\n
f = e.length;\n  for (a = 0; a < c && b[a] === e[a]; a++) {\n    ;\n  }\n  var g = c - a;\n  for (d = 1; d <= g &&
b[c - d] === e[f - d]; d++) {\n    ;\n  }\n  return fb = e.slice(a, 1 < d ? 1 - d : void 0);\n\nfunction hb() {\n  return
!0;\n\nfunction ib() {\n  return !1;\n\nfunction A(a, b, c, d) {\n  this.dispatchConfig = a;\n  this._targetInst =
b;\n  this.nativeEvent = c;\n  a = this.constructor.Interface;\n\n  for (var e in a) {\n    a.hasOwnProperty(e) && ((b =
a[e]) ? this[e] = b(c) : "target" === e ? this.target = d : this[e] = c[e]);\n  }\n  this.isDefaultPrevented = (null !=
c.defaultPrevented ? c.defaultPrevented : !1 === c.returnValue) ? hb : ib;\n  this.isPropagationStopped = ib;\n
return this;\n\n(A.prototype, {\n  preventDefault: function preventDefault() {\n    this.defaultPrevented = !0;\n
var a = this.nativeEvent;\n    a && (a.preventDefault ? a.preventDefault() : "unknown" !== typeof a.returnValue
&& (a.returnValue = !1), this.isDefaultPrevented = hb);\n  },\n  stopPropagation: function stopPropagation() {\n
var a = this.nativeEvent;\n    a && (a.stopPropagation ? a.stopPropagation() : "unknown" !== typeof
a.cancelBubble && (a.cancelBubble = !0), this.isPropagationStopped = hb);\n  },\n  persist: function persist() {\n
this.isPersistent = hb;\n  },\n  isPersistent: ib,\n  destructor: function destructor() {\n    var a =
this.constructor.Interface,\n    b;\n\n    for (b in a) {\n      this[b] = null;\n    }\n\n    this.nativeEvent =
this._targetInst = this.dispatchConfig = null;\n    this.isPropagationStopped = this.isDefaultPrevented = ib;\n
this._dispatchInstances = this._dispatchListeners = null;\n  });\nA.Interface = {\n  type: null,\n  target: null,\n
currentTarget: function currentTarget() {\n    return null;\n  },\n  eventPhase: null,\n  bubbles: null,\n  cancelable:
null,\n  timeStamp: function timeStamp(a) {\n    return a.timeStamp || Date.now();\n  },\n  defaultPrevented: null,\n
isTrusted: null\n};\nA.extend = function (a) {\n  function b() {};\n  function c() {\n    return d.apply(this,
arguments);\n  }\n\n  var d = this;\n  b.prototype = d.prototype;\n  var e = new b();\n  n(e, c.prototype);\n
c.prototype = e;\n  c.prototype.constructor = c;\n  c.Interface = n({}, d.Interface, a);\n  c.extend = d.extend;\n
jb(c);\n  return c;\n};\njb(A);\n\nfunction kb(a, b, c, d) {\n  if (this.eventPool.length) {\n    var e =
this.eventPool.pop();\n    this.call(e, a, b, c, d);\n    return e;\n  }\n  return new this(a, b, c, d);\n\nfunction lb(a)
{\n  a instanceof this ? void 0 : t("279");\n  a.destructor();\n  10 > this.eventPool.length &&
this.eventPool.push(a);\n\nfunction jb(a) {\n  a.eventPool = [];\n  a.getPooled = kb;\n  a.release = lb;\n\nfunction
mb = A.extend({\n  data: null\n}),\n  nb = A.extend({\n  data: null\n}),\n  ob = [9, 13, 27, 32],\n  pb = Sa &&
"CompositionEvent" in window,\n  qb = null;\nSa && "documentMode" in document && (qb =
document.documentMode);\nvar rb = Sa && "TextEvent" in window && !qb,\n  sb = Sa && (!pb || qb && 8 <
qb && 11 >= qb),\n  tb = String.fromCharCode(32),\n  ub = {\n  beforeInput: {\n  phasedRegistrationNames: {\n
bubbled: "onBeforeInput",\n  captured: "onBeforeInputCapture"\n  },\n  dependencies:
["compositionend", "keypress", "textInput", "paste"]\n  },\n  compositionEnd: {\n  phasedRegistrationNames:
{\n  bubbled: "onCompositionEnd",\n  captured: "onCompositionEndCapture"\n  },\n  dependencies:
"blur compositionend keydown keypress keyup mousedown".split(" ");\n  },\n  compositionStart: {\n

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phasedRegistrationNames: {\n  bubbled: \"onCompositionStart\", \n  captured: \"onCompositionStartCapture\" \n
  }, \n  dependencies: \"blur compositionstart keydown keypress keyup mousedown\".split(\" \") \n }, \n
compositionUpdate: {\n  phasedRegistrationNames: {\n  bubbled: \"onCompositionUpdate\", \n  captured:
  \"onCompositionUpdateCapture\" \n  }, \n  dependencies: \"blur compositionupdate keydown keypress keyup
  mousedown\".split(\" \") \n }, \n  vb = !1; \n \n function wb(a, b) {\n  switch (a) {\n  case \"keyup\": \n
  return -1 \n  !== ob.indexOf(b.keyCode); \n \n  case \"keydown\": \n  return 229 !== b.keyCode; \n \n  case \"keypress\": \n
  case \"mousedown\": \n  case \"blur\": \n  return !0; \n \n  default: \n  return !1; \n  } \n } \n \n function xb(a) {\n  a =
  a.detail; \n  return \"object\" === typeof a && \"data\" in a ? a.data : null; \n } \n \n var yb = !1; \n \n function zb(a, b) {\n
  switch (a) {\n  case \"compositionend\": \n  return xb(b); \n \n  case \"keypress\": \n  if (32 !== b.which) return
  null; \n  vb = !0; \n  return tb; \n \n  case \"textInput\": \n  return a = b.data, a === tb && vb ? null : a; \n \n
  default: \n  return null; \n  } \n } \n \n function Ab(a, b) {\n  if (yb) return \"compositionend\" === a || !pb && wb(a, b)
  ? (a = gb(), fb = eb = cb = null, yb = !1, a) : null; \n \n  switch (a) {\n  case \"paste\": \n  return null; \n \n  case
  \"keypress\": \n  if (!(b.ctrlKey || b.altKey || b.metaKey) || b.ctrlKey && b.altKey) {\n  if (b.char && 1 <
  b.char.length) return b.char; \n  if (b.which) return String.fromCharCode(b.which); \n  } \n \n  return null; \n \n
  case \"compositionend\": \n  return sb && \"ko\" !== b.locale ? null : b.data; \n \n  default: \n  return null; \n
  } \n } \n \n var Bb = {\n  eventTypes: ub, \n  extractEvents: function extractEvents(a, b, c, d) {\n  var e = void 0; \n
  var f = void 0; \n  if (pb) b: {\n  switch (a) {\n  case \"compositionstart\": \n  e = ub.compositionStart; \n
  break b; \n \n  case \"compositionend\": \n  e = ub.compositionEnd; \n  break b; \n \n  case
  \"compositionupdate\": \n  e = ub.compositionUpdate; \n  break b; \n  } \n \n  e = void 0; \n  } else yb ?
  wb(a, c) && (e = ub.compositionEnd) : \"keydown\" === a && 229 === c.keyCode && (e =
  ub.compositionStart); \n  e ? (sb && \"ko\" !== c.locale && (yb || e !== ub.compositionStart ? e ===
  ub.compositionEnd && yb && (f = gb())) : (cb = d, eb = \"value\" in cb ? cb.value : cb.textContent, yb = !0)), e =
  mb.getPooled(e, b, c, d), f ? e.data = f : (f = xb(c), null !== f && (e.data = f)), Ra(e), f = e) : f = null; \n  (a = rb ?
  zb(a, c) : Ab(a, c)) ? (b = nb.getPooled(ub.beforeInput, b, c, d), b.data = a, Ra(b)) : b = null; \n  return null === f ? b
  : null === b ? f : [f, b]; \n  } \n }, \n  Cb = null, \n  Db = null, \n  Eb = null; \n \n function Hb(a) {\n  if (a = va(a)) {\n
  \"function\" !== typeof Cb ? t(\"280\"): void 0; \n  var b = ua(a.stateNode); \n  Cb(a.stateNode, a.type, b); \n
  } \n } \n \n function Ib(a) {\n  Db ? Eb ? Eb.push(a) : Eb = [a] : Db = a; \n } \n \n function Jb() {\n  if (Db) {\n  var a =
  Db, \n  b = Eb; \n  Eb = Db = null; \n  Hb(a); \n  if (b) for (a = 0; a < b.length; a++) {\n  Hb(b[a]); \n  } \n
  } \n } \n \n function Kb(a, b) {\n  return a(b); \n } \n \n function Lb(a, b, c) {\n  return a(b, c); \n } \n \n function Mb()
  {} \n \n var Nb = !1; \n \n function Ob(a, b) {\n  if (Nb) return a(b); \n  Nb = !0; \n \n  try {\n  return Kb(a, b); \n  }
  finally {\n  if (Nb = !1, null !== Db || null !== Eb) Mb(), Jb(); \n  } \n } \n \n var Pb = {\n  color: !0, \n  date: !0, \n  datetime:
  !0, \n  \"datetime-local\": !0, \n  email: !0, \n  month: !0, \n  number: !0, \n  password: !0, \n  range: !0, \n  search: !0, \n
  tel: !0, \n  text: !0, \n  time: !0, \n  url: !0, \n  week: !0 \n }; \n \n function Qb(a) {\n  var b = a && a.nodeName &&
  a.nodeName.toLowerCase(); \n  return \"input\" === b ? !Pb[a.type] : \"textarea\" === b ? !0 : !1; \n } \n \n function
  Rb(a) {\n  a = a.target || a.srcElement || window; \n  a.correspondingUseElement && (a =
  a.correspondingUseElement); \n  return 3 === a.nodeType ? a.parentNode : a; \n } \n \n function Sb(a) {\n  if (!Sa)
  return !1; \n  a = \"on\" + a; \n  var b = a in document; \n  b || (b = document.createElement(\"div\"), b.setAttribute(a,
  \"return;\"), b = \"function\" === typeof b[a]); \n  return b; \n } \n \n function Tb(a) {\n  var b = a.type; \n  return (a =
  a.nodeName) && \"input\" === a.toLowerCase() && (\"checkbox\" === b || \"radio\" === b); \n } \n \n function Ub(a)
  {\n  var b = Tb(a) ? \"checked\" : \"value\", \n  c = Object.getOwnPropertyDescriptor(a.constructor.prototype, b), \n
  d = \"\" + a[b]; \n \n  if (!a.hasOwnProperty(b) && \"undefined\" !== typeof c && \"function\" === typeof c.get
  && \"function\" === typeof c.set) {\n  var e = c.get, \n  f = c.set; \n  Object.defineProperty(a, b, {\n
  configurable: !0, \n  get: function get() {\n  return e.call(this); \n  }, \n  set: function set(a) {\n  d = \"\"
  + a; \n  f.call(this, a); \n  } \n }); \n  Object.defineProperty(a, b, {\n  enumerable: c.enumerable \n }); \n
  return {\n  getValue: function getValue() {\n  return d; \n  }, \n  setValue: function setValue(a) {\n  d =
  \"\" + a; \n  }, \n  stopTracking: function stopTracking() {\n  a._valueTracker = null; \n  delete a[b]; \n
  } \n }; \n } \n } \n \n function Vb(a) {\n  a._valueTracker || (a._valueTracker = Ub(a)); \n } \n \n function Wb(a) {\n  if
  (!a) return !1; \n  var b = a._valueTracker; \n  if (!b) return !0; \n  var c = b.getValue(); \n  var d = \"\"; \n  a && (d =

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Tb(a) ? a.checked ? \"true\" : \"false\" : a.value);\n a = d;\n return a !== c ? (b.setValue(a, !0) : !1);\n\n\nvar Xb =
aa. __SECRET_INTERNALS_DO_NOT_USE_OR_YOU_WILL_BE_FIRED,\n Yb = /^(.*)[\\\\\\\\\\|/];\n B =
\"function\" === typeof Symbol && Symbol.for,\n Zb = B ? Symbol.for(\"react.element\") : 60103,\n $b = B ?
Symbol.for(\"react.portal\") : 60106,\n ac = B ? Symbol.for(\"react.fragment\") : 60107,\n bc = B ?
Symbol.for(\"react.strict_mode\") : 60108,\n cc = B ? Symbol.for(\"react.profiler\") : 60114,\n dc = B ?
Symbol.for(\"react.provider\") : 60109,\n ec = B ? Symbol.for(\"react.context\") : 60110,\n fc = B ?
Symbol.for(\"react.concurrent_mode\") : 60111,\n gc = B ? Symbol.for(\"react.forward_ref\") : 60112,\n hc = B
? Symbol.for(\"react.suspense\") : 60113,\n ic = B ? Symbol.for(\"react.memo\") : 60115,\n jc = B ?
Symbol.for(\"react.lazy\") : 60116,\n kc = \"function\" === typeof Symbol && Symbol.iterator;\n\n\nfunction lc(a)
{\n if (null === a || \"object\" !== typeof a) return null;\n a = kc && a[kc] || a[\"@@iterator\"];\n return
\"function\" === typeof a ? a : null;\n}\n\n\nfunction mc(a) {\n if (null == a) return null;\n if (\"function\" === typeof
a) return a.displayName || a.name || null;\n if (\"string\" === typeof a) return a;\n\n switch (a) {\n case fc:\n
return \"ConcurrentMode\";\n\n case ac:\n return \"Fragment\";\n\n case $b:\n return \"Portal\";\n\n case
cc:\n return \"Profiler\";\n\n case bc:\n return \"StrictMode\";\n\n case hc:\n return \"Suspense\";\n
}\n\n if (\"object\" === typeof a) switch (a.$typeof) {\n case ec:\n return \"Context.Consumer\";\n\n case
dc:\n return \"Context.Provider\";\n\n case gc:\n var b = a.render;\n b = b.displayName || b.name || \"\";\n
return a.displayName || (\"\" !== b ? \"ForwardRef(\" + b + \")\" : \"ForwardRef\");\n\n case ic:\n return
mc(a.type);\n\n case jc:\n if (a = 1 === a._status ? a._result : null) return mc(a);\n }\n return
null;\n}\n\n\nfunction nc(a) {\n var b = \"\";\n\n do {\n a: switch (a.tag) {\n case 2:\n case 16:\n case 0:\n
case 1:\n case 5:\n case 8:\n case 13:\n var c = a._debugOwner,\n d = a._debugSource,\n
e = mc(a.type);\n var f = null;\n c && (f = mc(c.type));\n c = e;\n e = \"\";\n d ? e = \"(at \" +
d.fileName.replace(Yb, \"\") + \":\" + d.lineNumber + \")\" : f && (e = \"(created by \" + f + \")\");\n f = \"\n
in \" + (c || \"Unknown\") + e;\n break a;\n\n default:\n f = \"\";\n }\n\n b += f;\n a = a.return;\n }
while (a);\n\n return b;\n}\n\n\nvar oc = /^[A-Z_a-z\\u00C0-\\u00D6\\u00D8-\\u00F6\\u00F8-\\u02FF\\u0370-
\\u037D\\u037F-\\u1FFF\\u200C-\\u200D\\u2070-\\u218F\\u2C00-\\u2FEF\\u3001-\\uD7FF\\uF900-
\\uFDCF\\uFDF0-\\uFFFF]:[A-Z_a-z\\u00C0-\\u00D6\\u00D8-\\u00F6\\u00F8-\\u02FF\\u0370-\\u037D\\u037F-
\\u1FFF\\u200C-\\u200D\\u2070-\\u218F\\u2C00-\\u2FEF\\u3001-\\uD7FF\\uF900-\\uFDCF\\uFDF0-\\uFFFF]\\.
-0-9\\u00B7\\u0300-\\u036F\\u203F-\\u2040]*$/,\n pc = Object.prototype.hasOwnProperty,\n qc = {},\n rc =
{};\n\n\nfunction sc(a) {\n if (pc.call(rc, a)) return !0;\n if (pc.call(qc, a)) return !1;\n if (oc.test(a)) return rc[a] =
!0;\n qc[a] = !0;\n return !1;\n}\n\n\nfunction tc(a, b, c, d) {\n if (null !== c && 0 === c.type) return !1;\n\n switch
(typeof b) {\n case \"function\":\n case \"symbol\":\n return !0;\n\n case \"boolean\":\n if (d) return !1;\n\n if (null !== c) return !c.acceptsBooleans;\n a = a.toLowerCase().slice(0, 5);\n return \"data-\" !== a &&
\"aria-\" !== a;\n\n default:\n return !1;\n }\n}\n\n\nfunction uc(a, b, c, d) {\n if (null === b || \"undefined\" ===
typeof b || tc(a, b, c, d)) return !0;\n if (d) return !1;\n if (null !== c) switch (c.type) {\n case 3:\n return !b;\n
case 4:\n return !1 === b;\n\n case 5:\n return isNaN(b);\n\n case 6:\n return isNaN(b) || 1 > b;\n }\n\n return !1;\n}\n\n\nfunction E(a, b, c, d, e) {\n this.acceptsBooleans = 2 === b || 3 === b || 4 === b;\n
this.attributeName = d;\n this.attributeNamespace = e;\n this.mustUseProperty = c;\n this.propertyName = a;\n
this.type = b;\n}\n\n\nvar F = {};\n\n\"children dangerouslySetInnerHTML defaultValue defaultChecked innerHTML
suppressContentEditableWarning suppressHydrationWarning style\".split(\" \").forEach(function (a) {\n F[a] = new
E(a, 0, !1, a, null);\n});\n\n[\"acceptCharset\", \"accept-charset\"], [\"className\", \"class\"], [\"htmlFor\", \"for\"],
[\"httpEquiv\", \"http-equiv\"]].forEach(function (a) {\n var b = a[0];\n F[b] = new E(b, 1, !1, a[1],
null);\n});\n\n[\"contentEditable\", \"draggable\", \"spellCheck\", \"value\"].forEach(function (a) {\n F[a] = new E(a,
2, !1, a.toLowerCase(), null);\n});\n\n[\"autoReverse\", \"externalResourcesRequired\", \"focusable\",
\"preserveAlpha\"].forEach(function (a) {\n F[a] = new E(a, 2, !1, a, null);\n});\n\n\"allowFullScreen async autoFocus
autoPlay controls default defer disabled formNoValidate hidden loop noModule noValidate open playsInline
readOnly required reversed scoped seamless itemScope\".split(\" \").forEach(function (a) {\n F[a] = new E(a, 3, !1,
a.toLowerCase(), null);\n});\n\n[\"checked\", \"multiple\", \"muted\", \"selected\"].forEach(function (a) {\n F[a] =
new E(a, 3, !0, a, null);\n});\n\n[\"capture\", \"download\"].forEach(function (a) {\n F[a] = new E(a, 4, !1, a,

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null);\n});\n["cols", "rows", "size", "span"].forEach(function (a) {\n F[a] = new E(a, 6, !1, a,
null);\n});\n["rowSpan", "start"].forEach(function (a) {\n F[a] = new E(a, 5, !1, a.toLowerCase(), null);\n});\nvar
vc = /[\-:]([a-z])/g;\n\nfunction xc(a) {\n return a[1].toUpperCase();\n}\n\n"accent-height alignment-baseline
arabic-form baseline-shift cap-height clip-path clip-rule color-interpolation color-interpolation-filters color-profile
color-rendering dominant-baseline enable-background fill-opacity fill-rule flood-color flood-opacity font-family
font-size font-size-adjust font-stretch font-style font-variant font-weight glyph-name glyph-orientation-horizontal
glyph-orientation-vertical horiz-adv-x horiz-origin-x image-rendering letter-spacing lighting-color marker-end
marker-mid marker-start overline-position overline-thickness paint-order panose-1 pointer-events rendering-intent
shape-rendering stop-color stop-opacity strikethrough-position strikethrough-thickness stroke-dasharray stroke-
dashoffset stroke-linecap stroke-linejoin stroke-miterlimit stroke-opacity stroke-width text-anchor text-decoration
text-rendering underline-position underline-thickness unicode-bidi unicode-range units-per-em v-alphabetic v-
hanging v-ideographic v-mathematical vector-effect vert-adv-y vert-origin-x vert-origin-y word-spacing writing-
mode xmlns:xlink x-height".split(" ").forEach(function (a) {\n var b = a.replace(vc, xc);\n F[b] = new E(b, 1, !1,
a, null);\n});\n"xlink:actuate xlink:arcrole xlink:href xlink:role xlink:show xlink:title xlink:type".split("
").forEach(function (a) {\n var b = a.replace(vc, xc);\n F[b] = new E(b, 1, !1, a,
"http://www.w3.org/1999/xlink");\n});\n["xml:base", "xml:lang", "xml:space"].forEach(function (a) {\n var b
= a.replace(vc, xc);\n F[b] = new E(b, 1, !1, a, "http://www.w3.org/XML/1998/namespace");\n});\nF.tabIndex =
new E("tabIndex", 1, !1, "tabindex", null);\n\nfunction yc(a, b, c, d) {\n var e = F.hasOwnProperty(b) ? F[b] :
null;\n var f = null !== e ? 0 === e.type : d ? !1 : !(2 < b.length) || "o" !== b[0] && "O" !== b[0] || "n" !== b[1]
&& "N" !== b[1] ? !1 : !0;\n f || (uc(b, c, e, d) && (c = null), d || null === e ? sc(b) && (null === c ?
a.removeAttribute(b) : a.setAttribute(b, "\" + c)) : e.mustUseProperty ? a[e.propertyName] = null === c ? 3 ===
e.type ? !1 : "\" : c : (b = e.attributeName, d = e.attributeNamespace, null === c ? a.removeAttribute(b) : (e = e.type,
c = 3 === e || 4 === e && !0 === c ? "\" : "\" + c, d ? a.setAttributeNS(d, b, c) : a.setAttribute(b,
c)));\n}\n\nfunction zc(a) {\n switch (typeof a) {\n case "boolean":\n case "number":\n case "object":\n
case "string":\n case "undefined":\n return a;\n\n default:\n return "";}\n}\n\nfunction Ac(a, b) {\n
var c = b.checked;\n return n({}, b, {\n defaultChecked: void 0,\n defaultValue: void 0,\n value: void 0,\n
checked: null != c ? c : a._wrapperState.initialChecked\n });\n}\n\nfunction Bc(a, b) {\n var c = null ==
b.defaultValue ? "\" : b.defaultValue,\n d = null != b.checked ? b.checked : b.defaultChecked;\n c = zc(null !=
b.value ? b.value : c);\n a._wrapperState = {\n initialChecked: d,\n initialValue: c,\n controlled: "checkbox"\n
=== b.type || "radio" === b.type ? null != b.checked : null != b.value\n });\n}\n\nfunction Cc(a, b) {\n b =
b.checked;\n null != b && yc(a, "checked", b, !1);\n}\n\nfunction Dc(a, b) {\n Cc(a, b);\n var c = zc(b.value),\n
d = b.type;\n if (null != c) {\n if ("number" === d) {\n if (0 === c && "\" === a.value || a.value != c) a.value
= "\" + c;\n } else a.value !== "\" + c && (a.value = "\" + c);\n } else if ("submit" === d || "reset" === d) {\n
a.removeAttribute("value");\n return;\n }\n b.hasOwnProperty("value") ? Ec(a, b.type, c) :
b.hasOwnProperty("defaultValue") && Ec(a, b.type, zc(b.defaultValue));\n null == b.checked && null !=
b.defaultChecked && (a.defaultChecked = !!b.defaultChecked);\n}\n\nfunction Fc(a, b, c) {\n if
(b.hasOwnProperty("value") || b.hasOwnProperty("defaultValue")) {\n var d = b.type;\n if (!(("submit" !== d
&& "reset" !== d || void 0 !== b.value && null !== b.value)) return;\n b = "\" + a._wrapperState.initialValue;\n
c || b === a.value || (a.value = b);\n a.defaultValue = b;\n }\n\n c = a.name;\n "\" !== c && (a.name = "\");\n
a.defaultChecked = !a.defaultChecked;\n a.defaultChecked = !!a._wrapperState.initialChecked;\n "\" !== c &&
(a.name = c);\n}\n\nfunction Ec(a, b, c) {\n if ("number" !== b || a.ownerDocument.activeElement !== a) null == c
? a.defaultValue = "\" + a._wrapperState.initialValue : a.defaultValue !== "\" + c && (a.defaultValue = "\" +
c);\n}\n\nvar Gc = {\n change: {\n phasedRegistrationNames: {\n bubbled: "onChange",\n captured:
"onChangeCapture"\n },\n dependencies: "blur change click focus input keydown keyup
selectionchange".split(" ")\n }\n};\n\nfunction Hc(a, b, c) {\n a = A.getPooled(Gc.change, a, b, c);\n a.type =
"change";\n Ib(c);\n Ra(a);\n return a;\n}\n\nvar Jc = null,\n Kc = null;\n\nfunction Lc(a) {\n
Ea(a);\n}\n\nfunction Mc(a) {\n var b = Ka(a);\n if (Wb(b)) return a;\n}\n\nfunction Nc(a, b) {\n if ("change"
=== a) return b;\n}\n\nvar Oc = !1;\nSa && (Oc = Sb("input") && (!document.documentMode || 9 <

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document.documentMode));\n\nfunction Pc() {\n  Jc && (Jc.detachEvent(\\"onpropertychange\", Qc), Kc = Jc =
null);\n}\n\nfunction Qc(a) {\n  \\"value\" === a.propertyName && Mc(Kc) && (a = Hc(Kc, a, Rb(a)), Ob(Lc,
a));\n}\n\nfunction Rc(a, b, c) {\n  \\"focus\" === a ? (Pc(), Jc = b, Kc = c, Jc.attachEvent(\\"onpropertychange\", Qc))
: \\"blur\" === a && Pc();\n}\n\nfunction Sc(a) {\n  if (\\"selectionchange\" === a || \\"keyup\" === a || \\"keydown\"
=== a) return Mc(Kc);\n}\n\nfunction Tc(a, b) {\n  if (\\"click\" === a) return Mc(b);\n}\n\nfunction Uc(a, b) {\n  if
(\\"input\" === a || \\"change\" === a) return Mc(b);\n}\n\nvar Vc = {\n  eventTypes: Gc,\n  _isInputEventSupported:
Oc,\n  extractEvents: function extractEvents(a, b, c, d) {\n    var e = b ? Ka(b) : window,\n        f = void 0,\n        g =
void 0,\n        h = e.nodeName && e.nodeName.toLowerCase();\n    \\"select\" === h || \\"input\" === h && \\"file\"
=== e.type ? f = Nc : Qb(e) ? Oc ? f = Uc : (f = Sc, g = Rc) : (h = e.nodeName) && \\"input\" === h.toLowerCase()
&& (\\"checkbox\" === e.type || \\"radio\" === e.type) && (f = Tc);\n    if (f && (f = f(a, b))) return Hc(f, c, d);\n    g
&& g(a, e, b);\n    \\"blur\" === a && (a = e._wrapperState) && a.controlled && \\"number\" === e.type && Ec(e,
\\"number\", e.value);\n  }\n},\n  Wc = A.extend({\n    view: null,\n    detail: null\n  }),\n  Xc = {\n    Alt: \\"altKey\", \n
Control: \\"ctrlKey\", \n Meta: \\"metaKey\", \n Shift: \\"shiftKey\"\n};\n\nfunction Yc(a) {\n  var b =
this.nativeEvent;\n  return b.getModifierState ? b.getModifierState(a) : (a = Xc[a]) ? !!b[a] : !1;\n}\n\nfunction Zc()
{\n  return Yc;\n}\n\nvar $c = 0,\n    ad = 0,\n    bd = !1,\n    cd = !1,\n    dd = Wc.extend({\n    screenX: null,\n
screenY: null,\n    clientX: null,\n    clientY: null,\n    pageX: null,\n    pageY: null,\n    ctrlKey: null,\n    shiftKey: null,\n
altKey: null,\n    metaKey: null,\n    getModifierState: Zc,\n    button: null,\n    buttons: null,\n    relatedTarget: function
relatedTarget(a) {\n    return a.relatedTarget || (a.fromElement === a.srcElement ? a.toElement : a.fromElement);\n
  },\n    movementX: function movementX(a) {\n    if (\\"movementX\" in a) return a.movementX;\n    var b = $c;\n
$c = a.screenX;\n    return bd ? \\"mousemove\" === a.type ? a.screenX - b : 0 : (bd = !0, 0);\n  },\n    movementY:
function movementY(a) {\n    if (\\"movementY\" in a) return a.movementY;\n    var b = ad;\n    ad = a.screenY;\n
return cd ? \\"mousemove\" === a.type ? a.screenY - b : 0 : (cd = !0, 0);\n  }\n}),\n    ed = dd.extend({\n    pointerId:
null,\n    width: null,\n    height: null,\n    pressure: null,\n    tangentialPressure: null,\n    tiltX: null,\n    tiltY: null,\n
twist: null,\n    pointerType: null,\n    isPrimary: null\n}),\n    fd = {\n    mouseEnter: {\n      registrationName:
\\"onMouseEnter\", \n      dependencies: [\\"mouseout\", \\"mouseover\"]\n    },\n    mouseLeave: {\n      registrationName:
\\"onMouseLeave\", \n      dependencies: [\\"mouseout\", \\"mouseover\"]\n    },\n    pointerEnter: {\n      registrationName:
\\"onPointerEnter\", \n      dependencies: [\\"pointerout\", \\"pointerover\"]\n    },\n    pointerLeave: {\n      registrationName:
\\"onPointerLeave\", \n      dependencies: [\\"pointerout\", \\"pointerover\"]\n    }\n},\n    gd = {\n    eventTypes: fd,\n
extractEvents: function extractEvents(a, b, c, d) {\n    var e = \\"mouseover\" === a || \\"pointerover\" === a,\n        f =
\\"mouseout\" === a || \\"pointerout\" === a;\n    if (e && (c.relatedTarget || c.fromElement) || !f && !e) return null;\n
e = d.window === d ? d : (e = d.ownerDocument) ? e.defaultView || e.parentWindow : window;\n    f ? (f = b, b =
(b = c.relatedTarget || c.toElement) ? Ia(b) : null) : f = null;\n    if (f === b) return null;\n    var g = void 0,\n        h =
void 0,\n        k = void 0,\n        l = void 0;\n    if (\\"mouseout\" === a || \\"mouseover\" === a) g = dd, h =
fd.mouseLeave, k = fd.mouseEnter, l = \\"mouse\";\n    else if (\\"pointerout\" === a || \\"pointerover\" === a) g = ed, h =
fd.pointerLeave, k = fd.pointerEnter, l = \\"pointer\";\n    var m = null == f ? e : Ka(f);\n    e = null == b ? e : Ka(b);\n
a = g.getPooled(h, f, c, d);\n    a.type = l + \\"leave\";\n    a.target = m;\n    a.relatedTarget = e;\n    c =
g.getPooled(k, b, c, d);\n    c.type = l + \\"enter\";\n    c.target = e;\n    c.relatedTarget = m;\n    d = b;\n    if (f && d)
a: {\n      b = f;\n      e = d;\n      l = 0;\n      for (g = b; g; g = Ma(g)) {\n        l++;\n      }\n      g = 0;\n      for (k
= e; k; k = Ma(k)) {\n        g++;\n      }\n      for (; 0 < l - g;) {\n        b = Ma(b), l--;\n      }\n      for (; 0 < g - l;)
{\n        e = Ma(e), g--;\n      }\n      for (; l--;) {\n        if (b === e || b === e.alternate) break a;\n        b = Ma(b);\n
e = Ma(e);\n      }\n      b = null;\n    } else b = null;\n    e = b;\n    for (b = []; f && f !== e;) {\n      l =
f.alternate;\n      if (null !== l && l === e) break;\n      b.push(f);\n      f = Ma(f);\n    }\n    for (f = []; d && d !==
e;) {\n      l = d.alternate;\n      if (null !== l && l === e) break;\n      f.push(d);\n      d = Ma(d);\n    }\n    for (d =
0; d < b.length; d++) {\n      Pa(b[d], \\"bubbled\", a);\n    }\n    for (d = f.length; 0 < d--;) {\n      Pa(f[d],
\\"captured\", c);\n    }\n    return [a, c];\n  }\n},\n  hd = Object.prototype.hasOwnProperty;\n\nfunction id(a, b) {\n
return a === b ? 0 : !a || 0 !== b || 1 / a === 1 / b : a !== a && b !== b;\n}\n\nfunction jd(a, b) {\n  if (id(a, b))
return !0;\n  if (\\"object\" !== typeof a || null === a || \\"object\" !== typeof b || null === b) return !1;\n  var c =
Object.keys(a),\n      d = Object.keys(b);\n  if (c.length !== d.length) return !1;\n  for (d = 0; d < c.length; d++) {\n

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if (!hd.call(b, c[d]) || !id(a[c[d]], b[c[d]])) return !1;\n } \n\n return !0;\n}\n\nfunction kd(a) {\n var b = a;\n if
(a.alternate) for (; b.return;) {\n b = b.return;\n } else {\n if (0 !== (b.effectTag & 2)) return 1;\n for (;
b.return;) {\n if (b = b.return, 0 !== (b.effectTag & 2)) return 1;\n } \n\n return 3 === b.tag ? 2 :
3;\n}\n\nfunction ld(a) {\n 2 !== kd(a) ? t("188") : void 0;\n}\n\nfunction md(a) {\n var b = a.alternate;\n if (!b)
return b = kd(a), 3 === b ? t("188") : void 0, 1 === b ? null : a;\n\n for (var c = a, d = b; ;) {\n var e = c.return,\n f = e ? e.alternate : null;\n if (!e || !f) break;\n\n if (e.child === f.child) {\n for (var g = e.child; g;) {\n if
(g === c) return ld(e), a;\n if (g === d) return ld(e), b;\n g = g.sibling;\n } \n\n t("188");\n } \n\n if
(c.return !== d.return) c = e, d = f; else {\n g = !1;\n\n for (var h = e.child; h;) {\n if (h === c) {\n g =
!0;\n c = e;\n d = f;\n break;\n } \n\n if (h === d) {\n g = !0;\n d = e;\n c =
f;\n break;\n } \n\n h = h.sibling;\n } \n\n if (!g) {\n for (h = f.child; h;) {\n if (h === c)
{\n g = !0;\n c = f;\n d = e;\n break;\n } \n\n if (h === d) {\n g = !0;\n
d = f;\n c = e;\n break;\n } \n\n h = h.sibling;\n } \n\n g ? void 0 : t("189");\n } \n\n } \n\n c.alternate !== d ? t("190") : void 0;\n } \n\n 3 !== c.tag ? t("188") : void 0;\n return
c.stateNode.current === c ? a : b;\n}\n\nfunction nd(a) {\n a = md(a);\n if (!a) return null;\n\n for (var b = a; ;) {\n
if (5 === b.tag || 6 === b.tag) return b;\n if (b.child) b.child.return = b, b = b.child; else {\n if (b === a)
break;\n\n for (; !b.sibling;) {\n if (!b.return || b.return === a) return null;\n b = b.return;\n } \n\n
b.sibling.return = b.return;\n b = b.sibling;\n } \n\n } \n\n return null;\n}\n\nvar od = A.extend({\n
animationName: null,\n elapsedTime: null,\n pseudoElement: null\n}),\n pd = A.extend({\n clipboardData:
function clipboardData(a) {\n return "clipboardData" in a ? a.clipboardData : window.clipboardData;\n } \n\n}),\n
qd = Wc.extend({\n relatedTarget: null\n});\n\nfunction rd(a) {\n var b = a.keyCode;\n "charCode" in a ? (a =
a.charCode, 0 === a && 13 === b && (a = 13)) : a = b;\n 10 === a && (a = 13);\n return 32 <= a || 13 === a ? a :
0;\n}\n\nvar sd = {\n Esc: "Escape",\n Spacebar: " ",\n Left: "ArrowLeft",\n Up: "ArrowUp",\n Right:
"ArrowRight",\n Down: "ArrowDown",\n Del: "Delete",\n Win: "OS",\n Menu: "ContextMenu",\n Apps:
"ContextMenu",\n Scroll: "ScrollLock",\n MozPrintableKey: "Unidentified",\n td = {\n 8:
"Backspace",\n 9: "Tab",\n 12: "Clear",\n 13: "Enter",\n 16: "Shift",\n 17: "Control",\n 18: "Alt",\n 19:
"Pause",\n 20: "CapsLock",\n 27: "Escape",\n 32: " ",\n 33: "PageUp",\n 34: "PageDown",\n 35:
"End",\n 36: "Home",\n 37: "ArrowLeft",\n 38: "ArrowUp",\n 39: "ArrowRight",\n 40: "ArrowDown",\n 45:
"Insert",\n 46: "Delete",\n 112: "F1",\n 113: "F2",\n 114: "F3",\n 115: "F4",\n 116: "F5",\n 117:
"F6",\n 118: "F7",\n 119: "F8",\n 120: "F9",\n 121: "F10",\n 122: "F11",\n 123: "F12",\n 144:
"NumLock",\n 145: "ScrollLock",\n 224: "Meta",\n },\n ud = Wc.extend({\n key: function key(a) {\n if
(a.key) {\n var b = sd[a.key] || a.key;\n if ("Unidentified" !== b) return b;\n } \n\n return "keypress" ===
a.type ? (a = rd(a), 13 === a ? "Enter" : String.fromCharCode(a)) : "keydown" === a.type || "keyup" === a.type
? td[a.keyCode] || "Unidentified" : "";\n },\n location: null,\n ctrlKey: null,\n shiftKey: null,\n altKey: null,\n
metaKey: null,\n repeat: null,\n locale: null,\n getModifierState: Zc,\n charCode: function charCode(a) {\n
return "keypress" === a.type ? rd(a) : 0;\n },\n keyCode: function keyCode(a) {\n return "keydown" ===
a.type || "keyup" === a.type ? a.keyCode : 0;\n },\n which: function which(a) {\n return "keypress" === a.type
? rd(a) : "keydown" === a.type || "keyup" === a.type ? a.keyCode : 0;\n } \n\n}),\n vd = dd.extend({\n
dataTransfer: null\n}),\n wd = Wc.extend({\n touches: null,\n targetTouches: null,\n changedTouches: null,\n
altKey: null,\n metaKey: null,\n ctrlKey: null,\n shiftKey: null,\n getModifierState: Zc\n}),\n xd = A.extend({\n
propertyName: null,\n elapsedTime: null,\n pseudoElement: null\n}),\n yd = dd.extend({\n deltaX: function
deltaX(a) {\n return "deltaX" in a ? a.deltaX : "wheelDeltaX" in a ? -a.wheelDeltaX : 0;\n },\n deltaY: function
deltaY(a) {\n return "deltaY" in a ? a.deltaY : "wheelDeltaY" in a ? -a.wheelDeltaY : "wheelDelta" in a ? -
a.wheelDelta : 0;\n },\n deltaZ: null,\n deltaMode: null\n}),\n zd = [{"abort"}, {"abort"}, [Ya, "animationEnd"],
[Za, "animationIteration"], [$a, "animationStart"], ["canplay", "canPlay"], ["canplaythrough",
"canPlayThrough"], ["drag", "drag"], ["dragenter", "dragEnter"], ["dragexit", "dragExit"], ["dragleave",
"dragLeave"], ["dragover", "dragOver"], ["durationchange", "durationChange"], ["emptied", "emptied"],
["encrypted", "encrypted"], ["ended", "ended"], ["error", "error"], ["gotpointercapture",
"gotPointerCapture"], ["load", "load"], ["loadeddata", "loadedData"], ["loadedmetadata",

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\loadedMetadata\", [\"loadstart\", \"loadStart\"], [\"lostpointercapture\", \"lostPointerCapture\"], [\"mousemove\",
\"mouseMove\"], [\"mouseout\", \"mouseOut\"], [\"mouseover\", \"mouseOver\"], [\"playing\", \"playing\"],
[\"pointermove\", \"pointerMove\"], [\"pointerout\", \"pointerOut\"], [\"pointerover\", \"pointerOver\"], [\"progress\",
\"progress\"], [\"scroll\", \"scroll\"], [\"seeking\", \"seeking\"], [\"stalled\", \"stalled\"], [\"suspend\", \"suspend\"],
[\"timeupdate\", \"timeUpdate\"], [\"toggle\", \"toggle\"], [\"touchmove\", \"touchMove\"], [ab, \"transitionEnd\"],
[\"waiting\", \"waiting\"], [\"wheel\", \"wheel\"]],\n Ad = {},\n Bd = {};\n\nfunction Cd(a, b) {\n var c = a[0];\n
a = a[1];\n var d = \"on\" + (a[0].toUpperCase() + a.slice(1));\n b = {\n phasedRegistrationNames: {\n
bubbled: d,\n captured: d + \"Capture\"\n },\n dependencies: [c],\n isInteractive: b\n }; \n Ad[a] = b;\n
Bd[c] = b;\n}\n\n[\"blur\", \"blur\"], [\"cancel\", \"cancel\"], [\"click\", \"click\"], [\"close\", \"close\"],
[\"contextmenu\", \"contextMenu\"], [\"copy\", \"copy\"], [\"cut\", \"cut\"], [\"auxclick\", \"auxClick\"], [\"dblclick\",
\"doubleClick\"], [\"dragend\", \"dragEnd\"], [\"dragstart\", \"dragStart\"], [\"drop\", \"drop\"], [\"focus\", \"focus\"],
[\"input\", \"input\"], [\"invalid\", \"invalid\"], [\"keydown\", \"keyDown\"], [\"keypress\", \"keyPress\"], [\"keyup\",
\"keyUp\"], [\"mousedown\", \"mouseDown\"], [\"mouseup\", \"mouseUp\"], [\"paste\", \"paste\"], [\"pause\",
\"pause\"], [\"play\", \"play\"], [\"pointercancel\", \"pointerCancel\"], [\"pointerdown\", \"pointerDown\"],
[\"pointerup\", \"pointerUp\"], [\"ratechange\", \"rateChange\"], [\"reset\", \"reset\"], [\"seeked\", \"seeked\"],
[\"submit\", \"submit\"], [\"touchcancel\", \"touchCancel\"], [\"touchend\", \"touchEnd\"], [\"touchstart\",
\"touchStart\"], [\"volumechange\", \"volumeChange\"]].forEach(function (a) {\n Cd(a,
!0);});\n\nznd.forEach(function (a) {\n Cd(a, !1);});\n\nvar Dd = {\n eventTypes: Ad,\n
isInteractiveTopLevelEventType: function isInteractiveTopLevelEventType(a) {\n a = Bd[a];\n return void 0
!== a && !0 === a.isInteractive;\n },\n extractEvents: function extractEvents(a, b, c, d) {\n var e = Bd[a];\n if
(!e) return null;\n\n switch (a) {\n case \"keypress\":\n if (0 === rd(c)) return null;\n\n case
\"keydown\":\n case \"keyup\":\n a = ud;\n break;\n\n case \"blur\":\n case \"focus\":\n a =
qd;\n break;\n\n case \"click\":\n if (2 === c.button) return null;\n\n case \"auxclick\":\n case
\"dblclick\":\n case \"mousedown\":\n case \"mousemove\":\n case \"mouseup\":\n case \"mouseout\":\n
case \"mouseover\":\n case \"contextmenu\":\n a = dd;\n break;\n\n case \"drag\":\n case
\"dragend\":\n case \"dragenter\":\n case \"dragexit\":\n case \"dragleave\":\n case \"dragover\":\n
case \"dragstart\":\n case \"drop\":\n a = vd;\n break;\n\n case \"touchcancel\":\n case
\"touchend\":\n case \"touchmove\":\n case \"touchstart\":\n a = wd;\n break;\n\n case Ya:\n
case Za:\n case $a:\n a = od;\n break;\n\n case ab:\n a = xd;\n break;\n\n case \"scroll\":\n
a = Wc;\n break;\n\n case \"wheel\":\n a = yd;\n break;\n\n case \"copy\":\n case \"cut\":\n
case \"paste\":\n a = pd;\n break;\n\n case \"gotpointercapture\":\n case \"lostpointercapture\":\n
case \"pointercancel\":\n case \"pointerdown\":\n case \"pointermove\":\n case \"pointerout\":\n case
\"pointerover\":\n case \"pointerup\":\n a = ed;\n break;\n\n default:\n a = A;\n }\n\n b =
a.getPooled(e, b, c, d);\n Ra(b);\n return b;\n }},\n Ed = Dd.isInteractiveTopLevelEventType,\n Fd =
[];\n\nfunction Gd(a) {\n var b = a.targetInst,\n c = b;\n do {\n if (!c) {\n a.ancestors.push(c);\n
break;\n }\n\n var d;\n\n for (d = c; d.return;) {\n d = d.return;\n }\n\n d = 3 !== d.tag ? null :
d.stateNode.containerInfo;\n if (!d) break;\n a.ancestors.push(c);\n c = Ia(d);\n } while (c);\n\n for (c = 0; c <
a.ancestors.length; c++) {\n b = a.ancestors[c];\n var e = Rb(a.nativeEvent);\n d = a.topLevelType;\n\n for
(var f = a.nativeEvent, g = null, h = 0; h < pa.length; h++) {\n var k = pa[h];\n k && (k = k.extractEvents(d, b,
f, e)) && (g = ya(g, k));\n }\n\n Ea(g);\n }\n}\n\nvar Hd = !0;\n\nfunction G(a, b) {\n if (!b) return null;\n var c =
(Ed(a) ? Id : Jd).bind(null, a);\n b.addEventListener(a, c, !1);\n}\n\nfunction Kd(a, b) {\n if (!b) return null;\n var c =
(Ed(a) ? Id : Jd).bind(null, a);\n b.addEventListener(a, c, !0);\n}\n\nfunction Id(a, b) {\n Lb(Jd, a,
b);\n}\n\nfunction Jd(a, b) {\n if (Hd) {\n var c = Rb(b);\n c = Ia(c);\n null === c || \"number\" !== typeof
c.tag || 2 === kd(c) || (c = null);\n\n if (Fd.length) {\n var d = Fd.pop();\n d.topLevelType = a;\n
d.nativeEvent = b;\n d.targetInst = c;\n a = d;\n } else a = {\n topLevelType: a,\n nativeEvent: b,\n
targetInst: c,\n ancestors: []\n };\n\n try {\n Ob(Gd, a);\n } finally {\n a.topLevelType = null,\n
a.nativeEvent = null, a.targetInst = null, a.ancestors.length = 0, 10 > Fd.length && Fd.push(a);\n }\n }\n}\n\nvar
Ld = {},\n Md = 0,\n Nd = \"_reactListenersID\" + (\"\" + Math.random()).slice(2);\n\nfunction Od(a) {\n

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Object.prototype.hasOwnProperty.call(a, Nd) || (a[Nd] = Md++, Ld[a[Nd]] = {});\n return
Ld[a[Nd]];)\n\nfunction Pd(a) {\n  a = a || ("undefined" !== typeof document ? document : void 0);\n  if
("undefined" === typeof a) return null;\n  try {\n    return a.activeElement || a.body;\n  } catch (b) {\n    return
a.body;\n  }\n}\n\nfunction Qd(a) {\n  for (; a && a.firstChild;) {\n    a = a.firstChild;\n  }\n  return
a;\n}\n\nfunction Rd(a, b) {\n  var c = Qd(a);\n  a = 0;\n  for (var d; c;) {\n    if (3 === c.nodeType) {\n      d = a +
c.textContent.length;\n      if (a <= b && d >= b) return {\n        node: c,\n        offset: b - a\n      };\n      a = d;\n    }\n    a: {\n      for (; c;) {\n        if (c.nextSibling) {\n          c = c.nextSibling;\n          break a;\n        }\n      }\n      c =
c.parentNode;\n    }\n    c = void 0;\n  }\n  c = Qd(c);\n}\n\nfunction Sd(a, b) {\n  return a && b ? a
=== b ? !0 : a && 3 === a.nodeType ? !1 : b && 3 === b.nodeType ? Sd(a, b.parentNode) : "contains" in a ?
a.contains(b) : a.compareDocumentPosition ? !(a.compareDocumentPosition(b) & 16) : !1 : !1;\n}\n\nfunction Td(\n
{\n  for (var a = window, b = Pd()); b instanceof a.HTMLIFrameElement;) {\n    try {\n      a =
b.contentDocument.defaultView;\n    } catch (c) {\n      break;\n    }\n    b = Pd(a.document);\n  }\n  return
b;\n}\n\nfunction Ud(a) {\n  var b = a && a.nodeName && a.nodeName.toLowerCase();\n  return b && ("input"
=== b && ("text" === a.type || "search" === a.type || "tel" === a.type || "url" === a.type || "password" ===
a.type) || "textarea" === b || "true" === a.contentEditable);\n}\n\nvar Vd = Sa && "documentMode" in
document && 11 >= document.documentMode,\n  Wd = {\n    select: {\n      phasedRegistrationNames: {\n
        bubbled: "onSelect",\n        captured: "onSelectCapture"\n      },\n      dependencies: "blur contextmenu dragend
focus keydown keyup mousedown mouseup selectionchange".split(" ")\n    },\n    Xd = null,\n    Yd = null,\n
    Zd = null,\n    $d = !1;\n  }\n\nfunction ae(a, b) {\n  var c = b.window === b ? b.document : 9 === b.nodeType ? b :
b.ownerDocument;\n  if ($d || null == Xd || Xd !== Pd(c)) return null;\n  c = Xd;\n  "selectionStart" in c && Ud(c)
? c = {\n    start: c.selectionStart,\n    end: c.selectionEnd\n  } : (c = (c.ownerDocument &&
c.ownerDocument.defaultView || window).getSelection(), c = {\n    anchorNode: c.anchorNode,\n    anchorOffset:
c.anchorOffset,\n    focusNode: c.focusNode,\n    focusOffset: c.focusOffset\n });\n  return Zd && jd(Zd, c) ? null :
(Zd = c, a = A.getPooled(Wd.select, Yd, a, b), a.type = "select", a.target = Xd, Ra(a, a));\n}\n\nvar be = {\n
eventTypes: Wd,\n  extractEvents: function extractEvents(a, b, c, d) {\n    var e = d.window === d ? d.document : 9
=== d.nodeType ? d : d.ownerDocument,\n    f;\n    if (!(f = !e)) {\n      a: {\n        e = Od(e);\n        f =
ta.onSelect;\n      }\n      for (var g = 0; g < f.length; g++) {\n        var h = f[g];\n        if (!e.hasOwnProperty(h) ||
!e[h]) {\n          e = !1;\n          break a;\n        }\n      }\n      e = !0;\n    }\n    f = !e;\n  }\n  if (f)
return null;\n  e = b ? Ka(b) : window;\n  switch (a) {\n    case "focus":\n      if (Qb(e) || "true" ===
e.contentEditable) Xd = e, Yd = b, Zd = null;\n      break;\n    case "blur":\n      Zd = Yd = Xd = null;\n
      break;\n    case "mousedown":\n      $d = !0;\n      break;\n    case "contextmenu":\n      case
"mouseup":\n      case "dragend":\n      return $d = !1, ae(c, d);\n    case "selectionchange":\n      if (Vd)
break;\n    case "keydown":\n      case "keyup":\n      return ae(c, d);\n  }\n  return null;\n}\n}\n\nCa.injectEventPluginOrder("ResponderEventPlugin SimpleEventPlugin EnterLeaveEventPlugin
ChangeEventPlugin SelectEventPlugin BeforeInputEventPlugin".split(" "));\nua = La;\nva = Ja;\nwa =
Ka;\nCa.injectEventPluginsByName({\n  SimpleEventPlugin: Dd,\n  EnterLeaveEventPlugin: gd,\n
ChangeEventPlugin: Vc,\n  SelectEventPlugin: be,\n  BeforeInputEventPlugin: Bb\n});\n\nfunction ce(a) {\n  var b =
"";\n  aa.Children.forEach(a, function (a) {\n    null != a && (b += a);\n  });\n  return b;\n}\n\nfunction ee(a, b)
{\n  a = n({\n    children: void 0\n  }, b);\n  if (b = ce(b.children)) a.children = b;\n  return a;\n}\n\nfunction fe(a, b,
c, d) {\n  a = a.options;\n  if (b) {\n    b = {};\n    for (var e = 0; e < c.length; e++) {\n      b["$" + c[e]] = !0;\n
    }\n    for (c = 0; c < a.length; c++) {\n      e = b.hasOwnProperty("$" + a[c].value), a[c].selected !== e &&
(a[c].selected = e), e && d && (a[c].defaultSelected = !0);\n    }\n  } else {\n    c = "" + zc(c);\n    b = null;\n
    for (e = 0; e < a.length; e++) {\n      if (a[e].value === c) {\n        a[e].selected = !0;\n        d &&
(a[e].defaultSelected = !0);\n        return;\n      }\n      null !== b || a[e].disabled || (b = a[e]);\n    }\n    null !== b
&& (b.selected = !0);\n  }\n}\n\nfunction ge(a, b) {\n  null != b.dangerouslySetInnerHTML ? t("91") : void 0;\n
return n({}, b, {\n  value: void 0,\n  defaultValue: void 0,\n  children: "" + a._wrapperState.initialValue\n});\n}\n\nfunction he(a, b) {\n  var c = b.value;\n  null == c && (c = b.defaultValue, b = b.children, null != b &&
(null != c ? t("92") : void 0, Array.isArray(b) && (1 >= b.length ? void 0 : t("93")), b = b[0], c = b), null == c &&

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(c = "\\");\n a._wrapperState = {\n  initialValue: zc(c)\n };\n\nfunction ie(a, b) {\n  var c = zc(b.value),\n  d = zc(b.defaultValue);\n  null != c && (c = "\\\" + c, c !== a.value && (a.value = c), null == b.defaultValue && a.defaultValue !== c && (a.defaultValue = c));\n  null != d && (a.defaultValue = "\\\" + d);\n}\n\nfunction je(a) {\n  var b = a.textContent;\n  b === a._wrapperState.initialValue && (a.value = b);\n}\n\nvar ke = {\n  html: \"http://www.w3.org/1999/xhtml\", \n  mathml: \"http://www.w3.org/1998/Math/MathML\", \n  svg: \"http://www.w3.org/2000/svg\";\n}\n\nfunction le(a) {\n  switch (a) {\n    case \"svg\":\n      return \"http://www.w3.org/2000/svg\";\n    case \"math\":\n      return \"http://www.w3.org/1998/Math/MathML\";\n    default:\n      return \"http://www.w3.org/1999/xhtml\";\n  }\n}\n\nfunction me(a, b) {\n  return null == a || \"http://www.w3.org/1999/xhtml\" === a ? le(b) : \"http://www.w3.org/2000/svg\" === a && \"foreignObject\" === b ? \"http://www.w3.org/1999/xhtml\" : a;\n}\n\nvar ne = void 0,\n  oe = function (a) {\n  return \"undefined\" !== typeof MSApp && MSApp.execUnsafeLocalFunction ? function (b, c, d, e) {\n    MSApp.execUnsafeLocalFunction(function () {\n      return a(b, c, d, e);\n    });\n  } : a;\n}(function (a, b) {\n  (a.namespaceURI !== ke.svg || \"innerHTML\" in a) a.innerHTML = b;else {\n    ne = ne || document.createElement(\"div\");\n    ne.innerHTML = \"<svg>\" + b + \"</svg>\";\n    for (b = ne.firstChild; a.firstChild;) {\n      a.removeChild(a.firstChild);\n    }\n    for (; b.firstChild;) {\n      a.appendChild(b.firstChild);\n    }\n  }\n}\n\nfunction pe(a, b) {\n  if (b) {\n    var c = a.firstChild;\n    if (c && c === a.lastChild && 3 === c.nodeType) {\n      c.nodeValue = b;\n      return;\n    }\n  }\n  a.textContent = b;\n}\n\nvar qe = {\n  animationIterationCount: !0,\n  borderImageOutset: !0,\n  borderImageSlice: !0,\n  borderImageWidth: !0,\n  boxFlex: !0,\n  boxFlexGroup: !0,\n  boxOrdinalGroup: !0,\n  columnCount: !0,\n  columns: !0,\n  flex: !0,\n  flexGrow: !0,\n  flexPositive: !0,\n  flexShrink: !0,\n  flexNegative: !0,\n  flexOrder: !0,\n  gridArea: !0,\n  gridRow: !0,\n  gridRowEnd: !0,\n  gridRowSpan: !0,\n  gridRowStart: !0,\n  gridColumn: !0,\n  gridColumnEnd: !0,\n  gridColumnSpan: !0,\n  gridColumnStart: !0,\n  fontWeight: !0,\n  lineClamp: !0,\n  lineHeight: !0,\n  opacity: !0,\n  order: !0,\n  orphans: !0,\n  tabSize: !0,\n  widows: !0,\n  zIndex: !0,\n  zoom: !0,\n  fillOpacity: !0,\n  floodOpacity: !0,\n  stopOpacity: !0,\n  strokeDasharray: !0,\n  strokeDashoffset: !0,\n  strokeMiterlimit: !0,\n  strokeOpacity: !0,\n  strokeWidth: !0\n},\n  re = [\"Webkit\", \"ms\", \"Moz\", \"O\"];\n\nObject.keys(qe).forEach(function (a) {\n  re.forEach(function (b) {\n    b = b + a.charAt(0).toUpperCase() + a.substring(1);\n    qe[b] = qe[a];\n  });\n}\n\nfunction se(a, b, c) {\n  return null == b || \"boolean\" === typeof b || \"\" === b ? \"\" : c || \"number\" !== typeof b || 0 === b || qe.hasOwnProperty(a) && qe[a] ? (\"\" + b).trim() : b + \"px\";\n}\n\nfunction te(a, b) {\n  a = a.style;\n  for (var c in b) {\n    if (b.hasOwnProperty(c)) {\n      var d = 0 === c.indexOf(\"--\"),\n        e = se(c, b[c], d);\n      \"float\" === c && (c = \"cssFloat\");\n      d ? a.setProperty(c, e) : a[c] = e;\n    }\n  }\n}\n\nvar ue = n({\n  menuItem: !0\n}, {\n  area: !0,\n  base: !0,\n  br: !0,\n  col: !0,\n  embed: !0,\n  hr: !0,\n  img: !0,\n  input: !0,\n  keygen: !0,\n  link: !0,\n  meta: !0,\n  param: !0,\n  source: !0,\n  track: !0,\n  wbr: !0\n});\n\nfunction ve(a, b) {\n  b && (ue[a] && (null != b.children || null != b.dangerouslySetInnerHTML ? t(\"137\", a, \"\") : void 0), null != b.dangerouslySetInnerHTML && (null != b.children ? t(\"60\") : void 0, \"object\" === typeof b.dangerouslySetInnerHTML && \"__html\" in b.dangerouslySetInnerHTML ? void 0 : t(\"61\")), null != b.style && \"object\" !== typeof b.style ? t(\"62\", \"\") : void 0);\n}\n\nfunction we(a, b) {\n  if (-1 === a.indexOf(\"-\")) return \"string\" === typeof b.is;\n  switch (a) {\n    case \"annotation-xml\":\n    case \"color-profile\":\n    case \"font-face\":\n    case \"font-face-src\":\n    case \"font-face-uri\":\n    case \"font-face-format\":\n    case \"font-face-name\":\n    case \"missing-glyph\":\n      return !1;\n    default:\n      return !0;\n  }\n}\n\nfunction xe(a, b) {\n  a = 9 === a.nodeType || 11 === a.nodeType ? a : a.ownerDocument;\n  var c = Od(a);\n  b = ta[b];\n  for (var d = 0; d < b.length; d++) {\n    var e = b[d];\n    if (!c.hasOwnProperty(e) || !c[e]) {\n      switch (e) {\n        case \"scroll\":\n          Kd(\"scroll\", a);\n          break;\n        case \"focus\":\n        case \"blur\":\n          Kd(\"focus\", a);\n          Kd(\"blur\", a);\n          c.blur = !0;\n          c.focus = !0;\n          break;\n        case \"cancel\":\n        case \"close\":\n          Sb(e) && Kd(e, a);\n          break;\n        case \"invalid\":\n        case \"submit\":\n        case \"reset\":\n          break;\n        default:\n          -1 === bb.indexOf(e) && G(e, a);\n      }\n    }\n    c[e] = !0;\n  }\n}\n\nfunction ye() {\n}\n\nvar ze = null,\n  Ae = null;\n\nfunction Be(a, b) {\n  switch (a) {\n    case \"button\":\n    case \"input\":\n    case \"select\":\n    case \"textarea\":\n      return !!b.autoFocus;\n  }\n  return !1;\n}\n\nfunction Ce(a, b) {\n  return \"textarea\" === a || \"option\" === a || \"noscript\" === a || \"string\" ===

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typeof b.children || \"number\" === typeof b.children || \"object\" === typeof b.dangerouslySetInnerHTML && null
!:= b.dangerouslySetInnerHTML && null != b.dangerouslySetInnerHTML.__html;\n}\n\nvar De = \"function\"
=== typeof setTimeout ? setTimeout : void 0;\n Ee = \"function\" === typeof clearTimeout ? clearTimeout : void
0;\n\nfunction Fe(a) {\n  for (a = a.nextSibling; a && 1 !== a.nodeType && 3 !== a.nodeType;) {\n    a =
a.nextSibling;\n  }\n  return a;\n}\n\nfunction Ge(a) {\n  for (a = a.firstChild; a && 1 !== a.nodeType && 3 !==
a.nodeType;) {\n    a = a.nextSibling;\n  }\n  return a;\n}\n\nnew Set();\nvar He = [],\n Ie = -1;\n\nfunction H(a)
{\n  0 > Ie || (a.current = He[Ie], He[Ie] = null, Ie--);\n}\n\nfunction I(a, b) {\n  Ie++;\n  He[Ie] = a.current;\n
a.current = b;\n}\n\nvar Je = {},\n J = {\n  current: Je;\n},\n K = {\n  current: !1;\n},\n Ke = Je;\n\nfunction
Le(a, b) {\n  var c = a.type.contextTypes;\n  if (!c) return Je;\n  var d = a.stateNode;\n  if (d &&
d.__reactInternalMemoizedUnmaskedChildContext === b) return
d.__reactInternalMemoizedMaskedChildContext;\n  var e = {},\n    f;\n  for (f in c) {\n    e[f] = b[f];\n  }\n  d
&& (a = a.stateNode, a.__reactInternalMemoizedUnmaskedChildContext = b,
a.__reactInternalMemoizedMaskedChildContext = e);\n  return e;\n}\n\nfunction L(a) {\n  a =
a.childContextTypes;\n  return null !== a && void 0 !== a;\n}\n\nfunction Me(a) {\n  H(K, a);\n  H(J,
a);\n}\n\nfunction Ne(a) {\n  H(K, a);\n  H(J, a);\n}\n\nfunction Oe(a, b, c) {\n  J.current !== Je ? t(\"168\"): void
0;\n  I(J, b, a);\n  I(K, c, a);\n}\n\nfunction Pe(a, b, c) {\n  var d = a.stateNode;\n  a = b.childContextTypes;\n  if
(\"function\" !== typeof d.getChildContext) return c;\n  d = d.getChildContext();\n  for (var e in d) {\n    e in a ?
void 0 : t(\"108\", mc(b) || \"Unknown\", e);\n  }\n  return n({}, c, d);\n}\n\nfunction Qe(a) {\n  var b =
a.stateNode;\n  b = b && b.__reactInternalMemoizedMergedChildContext || Je;\n  Ke = J.current;\n  I(J, b, a);\n
I(K, K.current, a);\n  return !0;\n}\n\nfunction Re(a, b, c) {\n  var d = a.stateNode;\n  d ? void 0 : t(\"169\");\n  c ? (b
= Pe(a, b, Ke), d.__reactInternalMemoizedMergedChildContext = b, H(K, a), H(J, a), I(J, b, a)) : H(K, a);\n  I(K, c,
a);\n}\n\nvar Se = null,\n Te = null;\n\nfunction Ue(a) {\n  return function (b) {\n    try {\n      return a(b);\n    }
catch (c) {}\n  }};\n}\n\nfunction Ve(a) {\n  if (!\"undefined\" === typeof
__REACT_DEVTOOLS_GLOBAL_HOOK__) return !1;\n  var b =
__REACT_DEVTOOLS_GLOBAL_HOOK__;\n  if (b.isDisabled || !b.supportsFiber) return !0;\n  try {\n    var c
= b.inject(a);\n    Se = Ue(function (a) {\n      return b.onCommitFiberRoot(c, a);\n    });\n    Te = Ue(function (a) {\n
      return b.onCommitFiberUnmount(c, a);\n    });\n  } catch (d) {}\n  return !0;\n}\n\nfunction We(a, b, c, d) {\n
this.tag = a;\n  this.key = c;\n  this.sibling = this.child = this.return = this.stateNode = this.type = this.elementType =
null;\n  this.index = 0;\n  this.ref = null;\n  this.pendingProps = b;\n  this.firstContextDependency =
this.memoizedState = this.updateQueue = this.memoizedProps = null;\n  this.mode = d;\n  this.effectTag = 0;\n
this.lastEffect = this.firstEffect = this.nextEffect = null;\n  this.childExpirationTime = this.expirationTime = 0;\n
this.alternate = null;\n}\n\nfunction M(a, b, c, d) {\n  return new We(a, b, c, d);\n}\n\nfunction Xe(a) {\n  a =
a.prototype;\n  return !(a || !a.isReactComponent);\n}\n\nfunction Ye(a) {\n  if (!\"function\" === typeof a) return
Xe(a) ? 1 : 0;\n  if (void 0 !== a && null !== a) {\n    a = a.$typeof;\n    if (a === gc) return 11;\n    if (a === ic)
return 14;\n  }\n  return 2;\n}\n\nfunction Ze(a, b) {\n  var c = a.alternate;\n  null === c ? (c = M(a.tag, b, a.key,
a.mode), c.elementType = a.elementType, c.type = a.type, c.stateNode = a.stateNode, c.alternate = a, a.alternate = c)
: (c.pendingProps = b, c.effectTag = 0, c.nextEffect = null, c.firstEffect = null, c.lastEffect = null);\n  c.childExpirationTime
= a.childExpirationTime;\n  c.expirationTime = a.expirationTime;\n  c.child = a.child;\n  c.memoizedProps = a.memoizedProps;\n
c.memoizedState = a.memoizedState;\n  c.updateQueue =
a.updateQueue;\n  c.firstContextDependency = a.firstContextDependency;\n  c.sibling = a.sibling;\n  c.index =
a.index;\n  c.ref = a.ref;\n  return c;\n}\n\nfunction $e(a, b, c, d, e, f) {\n  var g = 2;\n  d = a;\n  if (!\"function\" ===
typeof a) Xe(a) && (g = 1);else if (!\"string\" === typeof a) g = 5;else a: switch (a) {\n    case ac:\n      return
af(c.children, e, f, b);\n    case fc:\n      return bf(c, e | 3, f, b);\n    case bc:\n      return bf(c, e | 2, f, b);\n    case
cc:\n      return a = M(12, c, b, e | 4), a.elementType = cc, a.type = cc, a.expirationTime = f, a;\n    case hc:\n      return
a = M(13, c, b, e), a.elementType = hc, a.type = hc, a.expirationTime = f, a;\n    default:\n      if (!\"object\"
=== typeof a && null !== a) switch (a.$typeof) {\n        case dc:\n          g = 10;\n          break a;\n        case ec:\n
          g = 9;\n          break a;\n        case gc:\n          g = 11;\n          break a;\n        case ic:\n          g = 14;\n
          break a;\n        case jc:\n          g = 16;\n          d = null;\n          break a;\n      }\n      t(\"130\", null === a ? a : typeof a);
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a, "");\n }\n b = M(g, c, b, e);\n b.elementType = a;\n b.type = d;\n b.expirationTime = f;\n return
b);\n}\n\nfunction af(a, b, c, d) {\n a = M(7, a, d, b);\n a.expirationTime = c;\n return a;\n}\n\nfunction bf(a, b, c, d)
{\n a = M(8, a, d, b);\n b = 0 === (b & 1) ? bc : fc;\n a.elementType = b;\n a.type = b;\n a.expirationTime = c;\n
return a;\n}\n\nfunction cf(a, b, c) {\n a = M(6, a, null, b);\n a.expirationTime = c;\n return a;\n}\n\nfunction df(a,
b, c) {\n b = M(4, null !== a.children ? a.children : [], a.key, b);\n b.expirationTime = c;\n b.stateNode = {\n
containerInfo: a.containerInfo,\n pendingChildren: null,\n implementation: a.implementation\n };\n return
b);\n}\n\nfunction ef(a, b) {\n a.didError = !1;\n var c = a.earliestPendingTime;\n 0 === c ? a.earliestPendingTime
= a.latestPendingTime = b : c < b ? a.earliestPendingTime = b : a.latestPendingTime > b && (a.latestPendingTime =
b);\n ff(b, a);\n}\n\nfunction gf(a, b) {\n a.didError = !1;\n var c = a.latestPingedTime;\n 0 !== c && c >= b &&
(a.latestPingedTime = 0);\n c = a.earliestPendingTime;\n var d = a.latestPendingTime;\n c === b ?
a.earliestPendingTime = d === b ? a.latestPendingTime = 0 : d : d === b && (a.latestPendingTime = c);\n c =
a.earliestSuspendedTime;\n d = a.latestSuspendedTime;\n 0 === c ? a.earliestSuspendedTime =
a.latestSuspendedTime = b : c < b ? a.earliestSuspendedTime = b : d > b && (a.latestSuspendedTime = b);\n ff(b,
a);\n}\n\nfunction hf(a, b) {\n var c = a.earliestPendingTime;\n a = a.earliestSuspendedTime;\n c > b && (b =
c);\n a > b && (b = a);\n return b;\n}\n\nfunction if(a, b) {\n var c = b.earliestSuspendedTime,\n d =
b.latestSuspendedTime,\n e = b.earliestPendingTime,\n f = b.latestPingedTime;\n e = 0 !== e ? e : f;\n 0 ===
e && (0 === a || d < a) && (e = d);\n a = e;\n 0 !== a && c > a && (a = c);\n b.nextExpirationTimeToWorkOn =
e;\n b.expirationTime = a;\n}\n\nvar jf = !1;\n\nfunction kf(a) {\n return {\n baseState: a,\n firstUpdate: null,\n
lastUpdate: null,\n firstCapturedUpdate: null,\n lastCapturedUpdate: null,\n firstEffect: null,\n lastEffect:
null,\n firstCapturedEffect: null,\n lastCapturedEffect: null\n };\n}\n\nfunction lf(a) {\n return {\n baseState:
a.baseState,\n firstUpdate: a.firstUpdate,\n lastUpdate: a.lastUpdate,\n firstCapturedUpdate: null,\n
lastCapturedUpdate: null,\n firstEffect: null,\n lastEffect: null,\n firstCapturedEffect: null,\n
lastCapturedEffect: null\n };\n}\n\nfunction mf(a) {\n return {\n expirationTime: a,\n tag: 0,\n payload:
null,\n callback: null,\n next: null,\n nextEffect: null\n };\n}\n\nfunction nf(a, b) {\n null === a.lastUpdate ?
a.firstUpdate = a.lastUpdate = b : (a.lastUpdate.next = b, a.lastUpdate = b);\n}\n\nfunction of(a, b) {\n var c =
a.alternate;\n\n if (null === c) {\n var d = a.updateQueue;\n var e = null;\n null === d && (d = a.updateQueue
= kf(a.memoizedState));\n } else d = a.updateQueue, e = c.updateQueue, null === d ? null === e ? (d =
a.updateQueue = kf(a.memoizedState), e = c.updateQueue = kf(c.memoizedState)) : d = a.updateQueue = lf(e) : null
=== e && (e = c.updateQueue = lf(d));\n\n null === e || d === e ? nf(d, b) : null === d.lastUpdate || null ===
e.lastUpdate ? (nf(d, b), nf(e, b)) : (nf(d, b), e.lastUpdate = b);\n}\n\nfunction pf(a, b) {\n var c = a.updateQueue;\n
c = null === c ? a.updateQueue = kf(a.memoizedState) : qf(a, c);\n null === c.lastCapturedUpdate ?
c.firstCapturedUpdate = c.lastCapturedUpdate = b : (c.lastCapturedUpdate.next = b, c.lastCapturedUpdate =
b);\n}\n\nfunction qf(a, b) {\n var c = a.alternate;\n null !== c && b === c.updateQueue && (b = a.updateQueue =
lf(b));\n return b;\n}\n\nfunction rf(a, b, c, d, e, f) {\n switch (c.tag) {\n case 1:\n return a = c.payload,\n
\nfunction" === typeof a ? a.call(f, d, e) : a;\n\n case 3:\n a.effectTag = a.effectTag & -2049 | 64;\n\n case
0:\n a = c.payload;\n e = "function" === typeof a ? a.call(f, d, e) : a;\n if (null === e || void 0 === e)
break;\n return n({, d, e);\n\n case 2:\n jf = !0;\n }\n\n return d;\n}\n\nfunction sf(a, b, c, d, e) {\n jf =
!1;\n b = qf(a, b);\n\n for (var f = b.baseState, g = null, h = 0, k = b.firstUpdate, l = f; null !== k;) {\n var m =
k.expirationTime;\n m < e ? (null === g && (g = k, f = l), h < m && (h = m)) : (l = rf(a, b, k, l, c, d), null !==
k.callback && (a.effectTag |= 32, k.nextEffect = null, null === b.lastEffect ? b.firstEffect = b.lastEffect = k :
(b.lastEffect.nextEffect = k, b.lastEffect = k));\n k = k.next;\n }\n\n m = null;\n\n for (k =
b.firstCapturedUpdate; null !== k;) {\n var q = k.expirationTime;\n q < e ? (null === m && (m = k, null === g
&& (f = l)), h < q && (h = q)) : (l = rf(a, b, k, l, c, d), null !== k.callback && (a.effectTag |= 32, k.nextEffect = null,
null === b.lastCapturedEffect ? b.firstCapturedEffect = b.lastCapturedEffect = k : (b.lastCapturedEffect.nextEffect
= k, b.lastCapturedEffect = k));\n k = k.next;\n }\n\n null === g && (b.lastUpdate = null);\n null === m ?
b.lastCapturedUpdate = null : a.effectTag |= 32;\n null === g && null === m && (f = l);\n b.baseState = f;\n\n b.firstUpdate = g;\n b.firstCapturedUpdate = m;\n a.expirationTime = h;\n a.memoizedState = l;\n}\n\nfunction
tf(a, b, c) {\n null !== b.firstCapturedUpdate && (null !== b.lastUpdate && (b.lastUpdate.next =

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b.firstCapturedUpdate, b.lastUpdate = b.lastCapturedUpdate), b.firstCapturedUpdate = b.lastCapturedUpdate =
null);\n uf(b.firstEffect, c);\n b.firstEffect = b.lastEffect = null;\n uf(b.firstCapturedEffect, c);\n
b.firstCapturedEffect = b.lastCapturedEffect = null;\n\n\nfunction uf(a, b) {\n for (; null !== a;) {\n var c =
a.callback;\n\n if (null !== c) {\n a.callback = null;\n var d = b;\n \"function\" !== typeof c ? t(\"191\", c)
: void 0;\n c.call(d);\n }\n\n a = a.nextEffect;\n }\n}\n\nfunction vf(a, b) {\n return {\n value: a,\n source:
b,\n stack: nc(b)\n };\n}\n\nvar wf = {\n current: null\n},\n xf = null,\n yf = null,\n zf = null;\n\nfunction
Af(a, b) {\n var c = a.type._context;\n I(wf, c._currentValue, a);\n c._currentValue = b;\n}\n\nfunction Bf(a) {\n
var b = wf.current;\n H(wf, a);\n a.type._context._currentValue = b;\n}\n\nfunction Cf(a) {\n xf = a;\n zf = yf =
null;\n a.firstContextDependency = null;\n}\n\nfunction Df(a, b) {\n if (zf !== a && !1 !== b && 0 !== b) {\n if
(\"number\" !== typeof b || 1073741823 === b) zf = a, b = 1073741823;\n b = {\n context: a,\n
observedBits: b,\n next: null\n };\n null === yf ? (null === xf ? t(\"293\") : void 0, xf.firstContextDependency
= yf = b) : yf = yf.next = b;\n }\n\n return a._currentValue;\n}\n\nvar Ef = {},\n N = {\n current: Ef\n},\n Ff =
{\n current: Ef\n},\n Gf = {\n current: Ef\n};\n\nfunction Hf(a) {\n a === Ef ? t(\"174\") : void 0;\n return
a;\n}\n\nfunction If(a, b) {\n I(Gf, b, a);\n I(Ff, a, a);\n I(N, Ef, a);\n var c = b.nodeType;\n\n switch (c) {\n case
9:\n case 11:\n b = (b = b.documentElement) ? b.namespaceURI : me(null, \"\");\n break;\n\n default:\n
c = 8 === c ? b.parentNode : b, b = c.namespaceURI || null, c = c.tagName, b = me(b, c);\n }\n\n H(N, a);\n I(N, b,
a);\n}\n\nfunction Jf(a) {\n H(N, a);\n H(Ff, a);\n H(Gf, a);\n}\n\nfunction Kf(a) {\n Hf(Gf.current);\n var b =
Hf(N.current);\n var c = me(b, a.type);\n b !== c && (I(Ff, a, a), I(N, c, a));\n}\n\nfunction Lf(a) {\n Ff.current
=== a && (H(N, a), H(Ff, a));\n}\n\nfunction O(a, b) {\n if (a && a.defaultProps) {\n b = n({}, b);\n a =
a.defaultProps;\n\n for (var c in a) {\n void 0 === b[c] && (b[c] = a[c]);\n }\n }\n\n return b;\n}\n\nfunction
Mf(a) {\n var b = a._result;\n\n switch (a._status) {\n case 1:\n return b;\n case 2:\n throw b;\n case
0:\n throw b;\n\n default:\n throw a._status = 0, b = a._ctor, b = b(), b.then(function (b) {\n 0 ===
a._status && (b = b.default, a._status = 1, a._result = b);\n }, function (b) {\n 0 === a._status && (a._status
= 2, a._result = b);\n })), a._result = b, b;\n }\n}\n\nvar Nf = Xb.ReactCurrentOwner,\n Of = new
aa.Component().refs;\n\nfunction Pf(a, b, c, d) {\n b = a.memoizedState;\n c = c(d, b);\n c = null === c || void 0
=== c ? b : n({}, b, c);\n a.memoizedState = c;\n d = a.updateQueue;\n null !== d && 0 === a.expirationTime &&
(d.baseState = c);\n}\n\nvar Uf = {\n isMounted: function isMounted(a) {\n return (a = a._reactInternalFiber) ? 2
=== kd(a) : !1;\n },\n enqueueSetState: function enqueueSetState(a, b, c) {\n a = a._reactInternalFiber;\n var d
= Qf();\n d = Rf(d, a);\n var e = mf(d);\n e.payload = b;\n void 0 !== c && null !== c && (e.callback = c);\n
Sf();\n of(a, e);\n Tf(a, d);\n },\n enqueueReplaceState: function enqueueReplaceState(a, b, c) {\n a =
a._reactInternalFiber;\n var d = Qf();\n d = Rf(d, a);\n var e = mf(d);\n e.tag = 1;\n e.payload = b;\n void
0 !== c && null !== c && (e.callback = c);\n Sf();\n of(a, e);\n Tf(a, d);\n },\n enqueueForceUpdate: function
enqueueForceUpdate(a, b) {\n a = a._reactInternalFiber;\n var c = Qf();\n c = Rf(c, a);\n var d = mf(c);\n
d.tag = 2;\n void 0 !== b && null !== b && (d.callback = b);\n Sf();\n of(a, d);\n Tf(a, c);\n
}\n}\n}\n\nfunction Vf(a, b, c, d, e, f, g) {\n a = a.stateNode;\n return \"function\" === typeof
a.shouldComponentUpdate ? a.shouldComponentUpdate(d, f, g) : b.prototype &&
b.prototype.isPureReactComponent ? !jd(c, d) || !jd(e, f) : !0;\n}\n\nfunction Wf(a, b, c) {\n var d = !1,\n e =
Je;\n var f = b.contextType;\n \"object\" === typeof f && null !== f ? f = Nf.currentDispatcher.readContext(f) : (e
= L(b) ? Ke : J.current, d = b.contextTypes, f = (d = null !== d && void 0 !== d) ? Le(a, e) : Je);\n b = new b(c,
f);\n a.memoizedState = null !== b.state && void 0 !== b.state ? b.state : null;\n b.updater = Uf;\n a.stateNode =
b;\n b._reactInternalFiber = a;\n d && (a = a.stateNode, a.__reactInternalMemoizedUnmaskedChildContext = e,
a.__reactInternalMemoizedMaskedChildContext = f);\n return b;\n}\n\nfunction Xf(a, b, c, d) {\n a = b.state;\n
\"function\" === typeof b.componentWillReceiveProps && b.componentWillReceiveProps(c, d);\n \"function\"
=== typeof b.UNSAFE_componentWillReceiveProps && b.UNSAFE_componentWillReceiveProps(c, d);\n b.state
!== a && Uf.enqueueReplaceState(b, b.state, null);\n}\n\nfunction Yf(a, b, c, d) {\n var e = a.stateNode;\n e.props
= c;\n e.state = a.memoizedState;\n e.refs = Of;\n var f = b.contextType;\n \"object\" === typeof f && null !== f ?
e.context = Nf.currentDispatcher.readContext(f) : (f = L(b) ? Ke : J.current, e.context = Le(a, f));\n f =
a.updateQueue;\n null !== f && (sf(a, f, c, e, d), e.state = a.memoizedState);\n f = b.getDerivedStateFromProps;\n

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"function" === typeof f && (Pf(a, b, f, c), e.state = a.memoizedState);
"function" === typeof
b.getDerivedStateFromProps || "function" === typeof e.getSnapshotBeforeUpdate || "function" !== typeof
e.UNSAFE_componentWillMount && "function" !== typeof e.componentWillMount || (b = e.state, "function"
=== typeof e.componentWillMount && e.componentWillMount(), "function" === typeof
e.UNSAFE_componentWillMount && e.UNSAFE_componentWillMount(), b !== e.state &&
Uf.enqueueReplaceState(e, e.state, null), f = a.updateQueue, null !== f && (sf(a, f, c, e, d), e.state =
a.memoizedState));
"function" === typeof e.componentDidMount && (a.effectTag |= 4);
\n\n\nvar Zf =
Array.isArray;
\n\nfunction $(a, b, c) {\n  a = c.ref;\n  if (null !== a && "function" !== typeof a && "object"
!== typeof a) {\n    if (c._owner) {\n      c = c._owner;\n      var d = void 0;\n      c && (1 !== c.tag ? t("289") : void
0, d = c.stateNode);\n      d ? void 0 : t("147", a);\n      var e = "" + a;\n      if (null !== b && null !== b.ref &&
"function" === typeof b.ref && b.ref._stringRef === e) return b.ref;\n      b = function b(a) {\n        var b =
d.refs;\n        b === Of && (b = d.refs = {});\n        null === a ? delete b[e] : b[e] = a;\n      };\n      b._stringRef =
e;\n      return b;\n    }\n    "string" !== typeof a ? t("284") : void 0;\n    c._owner ? void 0 : t("290", a);\n  }\n  return a;\n}\n\nfunction ag(a, b) {\n  "textarea" !== a.type && t("31", "[object Object]") ===
Object.prototype.toString.call(b) ? "object with keys {" + Object.keys(b).join(", ") + "}" : b,
"\");\n}\n\nfunction bg(a) {\n  function b(b, c) {\n    if (a) {\n      var d = b.lastEffect;\n      null !== d ? (d.nextEffect
= c, b.lastEffect = c) : b.firstEffect = b.lastEffect = c;\n      c.nextEffect = null;\n      c.effectTag = 8;\n    }\n  }\n  function c(c, d) {\n    if (!a) return null;\n    for (; null !== d;) {\n      b(c, d), d = d.sibling;\n    }\n    return null;\n  }\n  function d(a, b) {\n    for (a = new Map(); null !== b;) {\n      null !== b.key ? a.set(b.key, b) : a.set(b.index,
b), b = b.sibling;\n    }\n    return a;\n  }\n  function e(a, b, c) {\n    a = Ze(a, b, c);\n    a.index = 0;\n    a.sibling =
null;\n    return a;\n  }\n  function f(b, c, d) {\n    b.index = d;\n    if (!a) return c;\n    d = b.alternate;\n    if (null
!== d) return d = d.index, d < c ? (b.effectTag = 2, c) : d;\n    b.effectTag = 2;\n    return c;\n  }\n  function g(b) {\n    a && null === b.alternate && (b.effectTag = 2);\n    return b;\n  }\n  function h(a, b, c, d) {\n    if (null === b || 6
!== b.tag) return b = cf(c, a.mode, d), b.return = a, b;\n    b = e(b, c, d);\n    b.return = a;\n    return b;\n  }\n  function k(a, b, c, d) {\n    if (null !== b && b.elementType === c.type) return d = e(b, c.props, d), d.ref = $(a, b,
c), d.return = a, d;\n    d = $e(c.type, c.key, c.props, null, a.mode, d);\n    d.ref = $(a, b, c);\n    d.return = a;\n    return d;\n  }\n  function l(a, b, c, d) {\n    if (null === b || 4 !== b.tag || b.stateNode.containerInfo !==
c.containerInfo || b.stateNode.implementation !== c.implementation) return b = df(c, a.mode, d), b.return = a, b;\n    b = e(b, c.children || [], d);\n    b.return = a;\n    return b;\n  }\n  function m(a, b, c, d, g) {\n    if (null === b || 7 !==
b.tag) return b = af(c, a.mode, d, g), b.return = a, b;\n    b = e(b, c, d);\n    b.return = a;\n    return b;\n  }\n  function q(a, b, c) {\n    if ("string" === typeof b || "number" === typeof b) return b = cf("" + b, a.mode, c), b.return = a,
b;\n    if ("object" === typeof b && null !== b) {\n      switch (b.$typeof) {\n        case Zb:\n          return c =
$e(b.type, b.key, b.props, null, a.mode, c), c.ref = $(a, null, b), c.return = a, c;\n        case $b:\n          return b =
df(b, a.mode, c), b.return = a, b;\n      }\n      if (Zf(b) || lc(b)) return b = af(b, a.mode, c, null), b.return = a, b;\n    }\n    ag(a, b);\n  }\n  function x(a, b, c, d) {\n    var e = null !== b ? b.key : null;\n    if ("string"
=== typeof c || "number" === typeof c) return null !== e ? null : h(a, b, "" + c, d);\n    if ("object" === typeof c
&& null !== c) {\n      switch (c.$typeof) {\n        case Zb:\n          return c.key === e ? c.type === ac ? m(a, b,
c.props.children, d, e) : k(a, b, c, d) : null;\n        case $b:\n          return c.key === e ? l(a, b, c, d) : null;\n      }\n      if (Zf(c) || lc(c)) return null !== e ? null : m(a, b, c, d, null);\n      ag(a, c);\n    }\n    return null;\n  }\n  function z(a, b, c, d, e) {\n    if ("string" === typeof d || "number" === typeof d) return a = a.get(c) || null, h(b, a, "" + d,
e);\n    if ("object" === typeof d && null !== d) {\n      switch (d.$typeof) {\n        case Zb:\n          return a =
a.get(null === d.key ? c : d.key) || null, d.type === ac ? m(b, a, d.props.children, e, d.key) : k(b, a, d, e);\n        case
$b:\n          return a = a.get(null === d.key ? c : d.key) || null, l(b, a, d, e);\n      }\n      if (Zf(d) || lc(d)) return a =
a.get(c) || null, m(b, a, d, e, null);\n      ag(b, d);\n    }\n    return null;\n  }\n  function C(e, g, h, k) {\n    for (var l
= null, r = null, m = g, u = g = 0, p = null; null !== m && u < h.length; u++) {\n      m.index > u ? (p = m, m = null) :
p = m.sibling;\n      var v = x(e, m, h[u], k);\n      if (null === v) {\n        null === m && (m = p);\n        break;\n      }\n      a && m && null === v.alternate && b(e, m);\n      g = f(v, g, u);\n      null === r ? l = v : r.sibling = v;\n      r = v;\n      m = p;\n    }\n    if (u === h.length) return c(e, m), l;\n    if (null === m) {\n      for (; u < h.length;

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u++) {\n    if (m = q(e, h[u], k)) g = f(m, g, u), null === r ? l = m : r.sibling = m, r = m;\n    }\n    return l;\n  }\n  }\n  for (m = d(e, m); u < h.length; u++) {\n    if (p = z(m, e, u, h[u], k)) a && null !== p.alternate &&\n    m.delete(null === p.key ? u : p.key), g = f(p, g, u), null === r ? l = p : r.sibling = p, r = p;\n    }\n    a &&\n    m.forEach(function (a) {\n      return b(e, a);\n    });\n    return l;\n  }\n  }\n  function Q(e, g, h, k) {\n    var l = lc(h);\n    \"function\" !== typeof l ? t(\"150\") : void 0;\n    h = l.call(h);\n    null == h ? t(\"151\") : void 0;\n    for (var m = l\n    = null, r = g, u = g = 0, p = null, v = h.next(); null !== r && !v.done; u++, v = h.next()) {\n      r.index > u ? (p = r, r\n      = null) : p = r.sibling;\n      var y = x(e, r, v.value, k);\n      if (null === y) {\n        r || (r = p);\n        break;\n      }\n      a && r && null === y.alternate && b(e, r);\n      g = f(y, g, u);\n      null === m ? l = y : m.sibling = y;\n      m = y;\n      r = p;\n    }\n    if (v.done) return c(e, r), l;\n    if (null === r) {\n      for (; !v.done; u++, v = h.next())\n      {\n        v = q(e, v.value, k), null !== v && (g = f(v, g, u), null === m ? l = v : m.sibling = v, m = v);\n      }\n    }\n    return l;\n  }\n  }\n  for (r = d(e, r); !v.done; u++, v = h.next()) {\n    v = z(r, e, u, v.value, k), null !== v && (a &&\n    null !== v.alternate && r.delete(null === v.key ? u : v.key), g = f(v, g, u), null === m ? l = v : m.sibling = v, m =\n    v);\n  }\n  }\n  a && r.forEach(function (a) {\n    return b(e, a);\n  });\n  return l;\n  }\n  }\n  return function (a, d, f,\n  h) {\n    var k = \"object\" === typeof f && null !== f && f.type === ac && null === f.key;\n    k && (f =\n    f.props.children);\n    var l = \"object\" === typeof f && null !== f;\n    if (l) switch (f.$$typeof) {\n      case Zb:\n        a: {\n          l = f.key;\n          for (k = d; null !== k;) {\n            if (k.key === l) {\n              if (7 === k.tag ? f.type\n              === ac : k.elementType === f.type) {\n                c(a, k.sibling);\n                d = e(k, f.type === ac ? f.props.children\n                : f.props, h);\n                d.ref = $f(a, k, f);\n                d.return = a;\n                a = d;\n                break a;\n              }\n            }\n            else {\n              c(a, k);\n              break;\n            }\n          }\n          } else b(a, k);\n          k = k.sibling;\n        }\n        f.type === ac ? (d = af(f.props.children, a.mode, h, f.key), d.return = a, a = d) : (h = $(f.type, f.key, f.props, null,\n        a.mode, h), h.ref = $f(a, d, f), h.return = a, a = h);\n        }\n        return g(a);\n      case $b:\n        a: {\n          for\n          (k = f.key; null !== d;) {\n            if (d.key === k) {\n              if (4 === d.tag && d.stateNode.containerInfo ===\n              f.containerInfo && d.stateNode.implementation === f.implementation) {\n                c(a, d.sibling);\n                d =\n                e(d, f.children || [], h);\n                d.return = a;\n                a = d;\n                break a;\n              }\n            }\n            else {\n              c(a, d);\n              break;\n            }\n          }\n          } else b(a, d);\n          d = d.sibling;\n        }\n        }\n        d = df(f,\n        a.mode, h);\n        d.return = a;\n        a = d;\n        }\n        return g(a);\n      }\n      if (\"string\" === typeof f ||\n      \"number\" === typeof f) return f = \"\" + f, null !== d && 6 === d.tag ? (c(a, d.sibling), d = e(d, f, h), d.return = a, a\n      = d) : (c(a, d), d = cf(f, a.mode, h), d.return = a, a = d), g(a);\n      if (Zf(f)) return C(a, d, f, h);\n      if (lc(f)) return Q(a,\n      d, f, h);\n      l && ag(a, f);\n      if (\"undefined\" === typeof f && !k) switch (a.tag) {\n        case 1:\n          case 0:\n            h = a.type, t(\"152\"), h.displayName || h.name || \"Component\";\n          }\n          return c(a, d);\n        }\n        }\n        nvar cg =\n        bg(!0),\n        dg = bg(!1),\n        eg = null,\n        fg = null,\n        gg = !1;\n        function hg(a, b) {\n          var c = M(5, null, null,\n          0);\n          c.elementType = \"DELETED\";\n          c.type = \"DELETED\";\n          c.stateNode = b;\n          c.return = a;\n          c.effectTag\n          = 8;\n          null !== a.lastEffect ? (a.lastEffect.nextEffect = c, a.lastEffect = c) : a.firstEffect = a.lastEffect =\n          c;\n        }\n        function ig(a, b) {\n          switch (a.tag) {\n            case 5:\n              var c = a.type;\n              b = 1 !== b.nodeType ||\n              c.toLowerCase() !== b.nodeName.toLowerCase() ? null : b;\n              return null !== b ? (a.stateNode = b, !0) : !1;\n            case 6:\n              return b = \"\" === a.pendingProps || 3 !== b.nodeType ? null : b, null !== b ? (a.stateNode = b, !0) :\n              !1;\n            default:\n              return !1;\n          }\n        }\n        function jg(a) {\n          if (gg) {\n            var b = fg;\n            if (b) {\n              var c =\n              b;\n              if (!ig(a, b)) {\n                b = Fe(c);\n                if (!b || !ig(a, b)) {\n                  a.effectTag |= 2;\n                  gg = !1;\n                  eg = a;\n                  return;\n                }\n              }\n              hg(eg, c);\n            }\n            eg = a;\n            fg = Ge(b);\n          }\n          else a.effectTag |= 2, gg\n          = !1, eg = a;\n        }\n        function kg(a) {\n          for (a = a.return; null !== a && 5 !== a.tag && 3 !== a.tag;) {\n            a =\n            a.return;\n          }\n          eg = a;\n        }\n        function lg(a) {\n          if (a !== eg) return !1;\n          if (!gg) return kg(a), gg = !0, !1;\n          var b\n          = a.type;\n          if (5 !== a.tag || \"head\" !== b && \"body\" !== b && !Ce(b, a.memoizedProps)) for (b = fg; b;) {\n            hg(a, b), b = Fe(b);\n          }\n          kg(a);\n          fg = eg ? Fe(a.stateNode) : null;\n          return !0;\n        }\n        function mg() {\n          fg = eg =\n          null;\n          gg = !1;\n        }\n        nvar ng = Xb.ReactCurrentOwner;\n        function P(a, b, c, d) {\n          b.child = null === a ? dg(b,\n          null, c, d) : cg(b, a.child, c, d);\n        }\n        function og(a, b, c, d, e) {\n          c = c.render;\n          var f = b.ref;\n          Cf(b, e);\n          d =\n          c(d, f);\n          b.effectTag |= 1;\n          P(a, b, d, e);\n          return b.child;\n        }\n        function pg(a, b, c, d, e, f) {\n          if (null === a) {\n            var g = c.type;\n            if (\"function\" === typeof g && !Xe(g) && void 0 === g.defaultProps && null === c.compare)\n            return b.tag = 15, b.type = g, qg(a, b, g, d, e, f);\n            a = $(c.type, null, d, null, b.mode, f);\n            a.ref = b.ref;\n          }

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a.return = b;\n  return b.child = a;\n } \n\n g = a.child;\n if (e < f && (e = g.memoizedProps, c = c.compare, c =
null !== c ? c : jd, c(e, d) && a.ref === b.ref)) return rg(a, b, f);\n a = Ze(g, d, f);\n a.ref = b.ref;\n a.return = b;\n
return b.child = a;\n}\n\nfunction qg(a, b, c, d, e, f) {\n  return null !== a && e < f && jd(a.memoizedProps, d) &&
a.ref === b.ref ? rg(a, b, f) : sg(a, b, c, d, f);\n}\n\nfunction tg(a, b) {\n  var c = b.ref;\n  if (null === a && null !== c
|| null !== a && a.ref !== c) b.effectTag |= 128;\n}\n\nfunction sg(a, b, c, d, e) {\n  var f = L(c) ? Ke : J.current;\n  f
= Le(b, f);\n  Cf(b, e);\n  c = c(d, f);\n  b.effectTag |= 1;\n  P(a, b, c, e);\n  return b.child;\n}\n\nfunction ug(a, b, c, d,
e) {\n  if (L(c)) {\n    var f = !0;\n    Qe(b);\n  } else f = !1;\n  Cf(b, e);\n  if (null === b.stateNode) null !== a &&
(a.alternate = null, b.alternate = null, b.effectTag |= 2), Wf(b, c, d, e), Yf(b, c, d, e), d = !0; else if (null === a) {\n
  var g = b.stateNode,\n    h = b.memoizedProps;\n  g.props = h;\n  var k = g.context,\n    l = c.contextType;\n  \"object\" === typeof l && null !== l ? l = Nf.currentDispatcher.readContext(l) : (l = L(c) ? Ke : J.current, l = Le(b,
l));\n  var m = c.getDerivedStateFromProps,\n    q = \"function\" === typeof m || \"function\" === typeof
g.getSnapshotBeforeUpdate;\n  q || \"function\" !== typeof g.UNSAFE_componentWillReceiveProps &&
\"function\" !== typeof g.componentWillReceiveProps || (h !== d || k !== l) && Xf(b, g, d, l);\n  jf = !1;\n  var x =
b.memoizedState;\n  k = g.state = x;\n  var z = b.updateQueue;\n  null !== z && (sf(b, z, d, g, e), k =
b.memoizedState);\n  h !== d || x !== k || K.current || jf ? (\"function\" === typeof m && (Pf(b, c, m, d), k =
b.memoizedState), (h = jf || Vf(b, c, h, d, x, k, l)) ? (q || \"function\" !== typeof g.UNSAFE_componentWillMount
&& \"function\" !== typeof g.componentWillMount || (\"function\" === typeof g.componentWillMount &&
g.componentWillMount(), \"function\" === typeof g.UNSAFE_componentWillMount &&
g.UNSAFE_componentWillMount()), \"function\" === typeof g.componentDidMount && (b.effectTag |= 4)) :
(\"function\" === typeof g.componentDidMount && (b.effectTag |= 4), b.memoizedProps = d, b.memoizedState =
k), g.props = d, g.state = k, g.context = l, d = h) : (\"function\" === typeof g.componentDidMount && (b.effectTag
|= 4), d = !1);\n  } else g = b.stateNode, h = b.memoizedProps, g.props = b.type === b.elementType ? h : O(b.type,
h), k = g.context, l = c.contextType, \"object\" === typeof l && null !== l ? l = Nf.currentDispatcher.readContext(l)
: (l = L(c) ? Ke : J.current, l = Le(b, l)), m = c.getDerivedStateFromProps, (q = \"function\" === typeof m ||
\"function\" === typeof g.getSnapshotBeforeUpdate) || \"function\" !== typeof
g.UNSAFE_componentWillReceiveProps && \"function\" !== typeof g.componentWillReceiveProps || (h !== d || k
!== l) && Xf(b, g, d, l), jf = !1, k = b.memoizedState, x = g.state = k, z = b.updateQueue, null !== z && (sf(b, z, d,
g, e), x = b.memoizedState), h !== d || k !== x || K.current || jf ? (\"function\" === typeof m && (Pf(b, c, m, d), x =
b.memoizedState), (m = jf || Vf(b, c, h, d, k, x, l)) ? (q || \"function\" !== typeof g.UNSAFE_componentWillUpdate
&& \"function\" !== typeof g.componentWillUpdate || (\"function\" === typeof g.componentWillUpdate &&
g.componentWillUpdate(d, x, l), \"function\" === typeof g.UNSAFE_componentWillUpdate &&
g.UNSAFE_componentWillUpdate(d, x, l)), \"function\" === typeof g.componentDidUpdate && (b.effectTag |= 4),
\"function\" === typeof g.getSnapshotBeforeUpdate && (b.effectTag |= 256)) : (\"function\" !== typeof
g.componentDidUpdate || h === a.memoizedProps && k === a.memoizedState || (b.effectTag |= 4), \"function\" !==
typeof g.getSnapshotBeforeUpdate || h === a.memoizedProps && k === a.memoizedState || (b.effectTag |= 256),
b.memoizedProps = d, b.memoizedState = x), g.props = d, g.state = x, g.context = l, d = m) : (\"function\" !== typeof
g.componentDidUpdate || h === a.memoizedProps && k === a.memoizedState || (b.effectTag |= 4), \"function\" !==
typeof g.getSnapshotBeforeUpdate || h === a.memoizedProps && k === a.memoizedState || (b.effectTag |= 256), d
= !1);\n  return vg(a, b, c, d, f, e);\n}\n\nfunction vg(a, b, c, d, e, f) {\n  tg(a, b);\n  var g = 0 !== (b.effectTag &
64);\n  if (!d && !g) return e && Re(b, c, !1), rg(a, b, f);\n  d = b.stateNode;\n  ng.current = b;\n  var h = g &&
\"function\" !== typeof c.getDerivedStateFromError ? null : d.render();\n  b.effectTag |= 1;\n  null !== a && g ?
(b.child = cg(b, a.child, null, f), b.child = cg(b, null, h, f)) : P(a, b, h, f);\n  b.memoizedState = d.state;\n  e && Re(b,
c, !0);\n  return b.child;\n}\n\nfunction wg(a) {\n  var b = a.stateNode;\n  b.pendingContext ? Oe(a,
b.pendingContext, b.pendingContext !== b.context) : b.context && Oe(a, b.context, !1);\n  If(a,
b.containerInfo);\n}\n\nfunction xg(a, b, c) {\n  var d = b.mode,\n    e = b.pendingProps,\n    f =
b.memoizedState;\n  if (0 === (b.effectTag & 64)) {\n    f = null;\n    var g = !1;\n  } else f = {\n    timedOutAt:
null !== f ? f.timedOutAt : 0\n  }, g = !0, b.effectTag &= -65;\n  null === a ? g ? (g = e.fallback, e = af(null, d, 0,
null), 0 === (b.mode & 1) && yg(b, e, null !== b.memoizedState ? b.child.child : b.child), d = af(g, d, c, null),

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e.sibling = d, c = e, c.return = d.return = b) : c = d = dg(b, null, e.children, c) : null !== a.memoizedState ? (d =
a.child, a = d.sibling, g ? (c = e.fallback, e = Ze(d, d.pendingProps, 0), e.effectTag |= 2, 0 === (b.mode & 1) && (g
= null !== b.memoizedState ? b.child.child : b.child, g !== d.child && yg(b, e, g)), d = e.sibling = Ze(a, c,
a.expirationTime), d.effectTag |= 2, c = e, e.childExpirationTime = 0, c.return = d.return = b) : (g = a.child, d = cg(b,
d.child, e.children, c), cg(b, g, null, c), c = d)) : (a = a.child, g ? (g = e.fallback, e = af(null, d, 0, null), e.effectTag |=
2, e.child = a, a.return = e, 0 === (b.mode & 1) && yg(b, e, null !== b.memoizedState ? b.child.child : b.child), d =
e.sibling = af(g, d, c, null), d.effectTag |= 2, c = e, e.childExpirationTime = 0, c.return = d.return = b) : d = c = cg(b,
a, e.children, c));\n b.memoizedState = f;\n b.child = c;\n return d;\n}\n\nfunction yg(a, b, c) {\n for (c = b.child =
c; null !== c;) {\n null === b.firstEffect && (b.firstEffect = c.firstEffect), null !== c.lastEffect && (null !==
b.lastEffect && (b.lastEffect.nextEffect = c.firstEffect), b.lastEffect = c.lastEffect), 1 < c.effectTag && (null !==
b.lastEffect ? b.lastEffect.nextEffect = c : b.firstEffect = c, b.lastEffect = c), c.return = b, c = c.sibling;\n }\n\n
a.firstEffect = b.firstEffect;\n a.lastEffect = b.lastEffect;\n}\n\nfunction rg(a, b, c) {\n null !== a &&
(b.firstContextDependency = a.firstContextDependency);\n if (b.childExpirationTime < c) return null;\n null !== a
&& b.child !== a.child ? t("153") : void 0;\n\n if (null !== b.child) {\n a = b.child;\n c = Ze(a, a.pendingProps,
a.expirationTime);\n b.child = c;\n\n for (c.return = b; null !== a.sibling;) {\n a = a.sibling, c = c.sibling =
Ze(a, a.pendingProps, a.expirationTime), c.return = b;\n }\n\n c.sibling = null;\n }\n\n return
b.child;\n}\n\nfunction zg(a, b, c) {\n var d = b.expirationTime;\n\n if (null !== a && a.memoizedProps ===
b.pendingProps && !K.current && d < c) {\n switch (b.tag) {\n case 3:\n wg(b);\n mg();\n
break;\n\n case 5:\n Kf(b);\n break;\n\n case 1:\n L(b.type) && Qe(b);\n break;\n\n case
4:\n If(b, b.stateNode.containerInfo);\n break;\n\n case 10:\n Af(b, b.memoizedProps.value);\n
break;\n\n case 13:\n if (null !== b.memoizedState) {\n d = b.child.childExpirationTime;\n if (0
!== d && d >= c) return xg(a, b, c);\n b = rg(a, b, c);\n return null !== b ? b.sibling : null;\n }\n\n
}\n\n return rg(a, b, c);\n }\n\n b.expirationTime = 0;\n\n switch (b.tag) {\n case 2:\n d = b.elementType;\n
null !== a && (a.alternate = null, b.alternate = null, b.effectTag |= 2);\n a = b.pendingProps;\n var e = Le(b,
J.current);\n Cf(b, c);\n e = d(a, e);\n b.effectTag |= 1;\n\n if ("object" === typeof e && null !== e &&
"function" === typeof e.render && void 0 === e.$typeof) {\n b.tag = 1;\n\n if (L(d)) {\n var f =
!0;\n Qe(b);\n } else f = !1;\n\n b.memoizedState = null !== e.state && void 0 !== e.state ? e.state :
null;\n var g = d.getDerivedStateFromProps;\n "function" === typeof g && Pf(b, d, g, a);\n e.updater
= Uf;\n b.stateNode = e;\n e._reactInternalFiber = b;\n Yf(b, d, a, c);\n b = vg(null, b, d, !0, f, c);\n
} else b.tag = 0, P(null, b, e, c), b = b.child;\n\n return b;\n\n case 16:\n e = b.elementType;\n null !== a
&& (a.alternate = null, b.alternate = null, b.effectTag |= 2);\n f = b.pendingProps;\n a = Mf(e);\n b.type =
a;\n e = b.tag = Ye(a);\n f = O(a, f);\n g = void 0;\n\n switch (e) {\n case 0:\n g = sg(null, b, a,
f, c);\n break;\n\n case 1:\n g = ug(null, b, a, f, c);\n break;\n\n case 11:\n g = og(null,
b, a, f, c);\n break;\n\n case 14:\n g = pg(null, b, a, O(a.type, f), d, c);\n break;\n\n
default:\n t("283", a);\n }\n\n return g;\n\n case 0:\n return d = b.type, e = b.pendingProps, e =
b.elementType === d ? e : O(d, e), sg(a, b, d, e, c);\n\n case 1:\n return d = b.type, e = b.pendingProps, e =
b.elementType === d ? e : O(d, e), ug(a, b, d, e, c);\n\n case 3:\n wg(b);\n d = b.updateQueue;\n null ===
d ? t("282") : void 0;\n e = b.memoizedState;\n e = null !== e ? e.element : null;\n sf(b, d,
b.pendingProps, null, c);\n d = b.memoizedState.element;\n if (d === e) mg(), b = rg(a, b, c);else {\n e =
b.stateNode;\n if (e = (null === a || null === a.child) && e.hydrate) fg = Ge(b.stateNode.containerInfo), eg = b,
e = gg = !0;\n e ? (b.effectTag |= 2, b.child = dg(b, null, d, c)) : (P(a, b, d, c), mg());\n b = b.child;\n }\n
return b;\n\n case 5:\n return Kf(b), null === a && jg(b), d = b.type, e = b.pendingProps, f = null !== a ?
a.memoizedProps : null, g = e.children, Ce(d, e) ? g = null : null !== f && Ce(d, f) && (b.effectTag |= 16), tg(a, b,
1 !== c && b.mode & 1 && e.hidden ? (b.expirationTime = 1, b = null) : (P(a, b, g, c), b = b.child), b);\n\n case
6:\n return null === a && jg(b), null;\n\n case 13:\n return xg(a, b, c);\n\n case 4:\n return If(b,
b.stateNode.containerInfo), d = b.pendingProps, null === a ? b.child = cg(b, null, d, c) : P(a, b, d, c), b.child;\n\n
case 11:\n return d = b.type, e = b.pendingProps, e = b.elementType === d ? e : O(d, e), og(a, b, d, e, c);\n\n
case 7:\n return P(a, b, b.pendingProps, c), b.child;\n\n case 8:\n return P(a, b, b.pendingProps.children, c),

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b.child;\n\n case 12:\n return P(a, b, b.pendingProps.children, c), b.child;\n\n case 10:\n a: {\n d =
b.type._context;\n e = b.pendingProps;\n g = b.memoizedProps;\n f = e.value;\n Af(b, f);\n\n if
(null !== g) {\n var h = g.value;\n f = h === f && (0 !== h || 1 / h === 1 / f) || h !== h && f !== f ? 0 :
("function" === typeof d._calculateChangedBits ? d._calculateChangedBits(h, f) : 1073741823) | 0;\n\n if (0
=== f) {\n if (g.children === e.children && !K.current) {\n b = rg(a, b, c);\n break a;\n
}\n } else for (g = b.child, null !== g && (g.return = b); null !== g;) {\n h =
g.firstContextDependency;\n\n if (null !== h) {\n do {\n if (h.context === d && 0 !==
(h.observedBits & f)) {\n if (1 === g.tag) {\n var k = mf(c);\n k.tag = 2;\n
of(g, k);\n }\n\n g.expirationTime < c && (g.expirationTime = c);\n k =
g.alternate;\n null !== k && k.expirationTime < c && (k.expirationTime = c);\n\n for (var l =
g.return; null !== l;) {\n k = l.alternate;\n if (l.childExpirationTime < c)
l.childExpirationTime = c, null !== k && k.childExpirationTime < c && (k.childExpirationTime = c);else if (null
!== k && k.childExpirationTime < c) k.childExpirationTime = c;else break;\n l = l.return;\n
}\n }\n\n k = g.child;\n h = h.next;\n } while (null !== h);\n } else k = 10
=== g.tag ? g.type === b.type ? null : g.child : g.child;\n\n if (null !== k) k.return = g;else for (k = g; null !==
k;) {\n if (k === b) {\n k = null;\n break;\n }\n\n g = k.sibling;\n\n if (null !== g) {\n g.return = k.return;\n k = g;\n break;\n }\n\n k =
k.return;\n }\n g = k;\n }\n }\n\n P(a, b, e.children, c);\n b = b.child;\n }\n\n
return b;\n\n case 9:\n return e = b.type, f = b.pendingProps, d = f.children, Cf(b, c), e = Df(e,
f.unstable_observedBits), d = d(e), b.effectTag |= 1, P(a, b, d, c), b.child;\n\n case 14:\n return e = b.type, f =
O(e.type, b.pendingProps), pg(a, b, e, f, d, c);\n\n case 15:\n return qg(a, b, b.type, b.pendingProps, d, c);\n\n
case 17:\n return d = b.type, e = b.pendingProps, e = b.elementType === d ? e : O(d, e), null !== a &&
(a.alternate = null, b.alternate = null, b.effectTag |= 2), b.tag = 1, L(d) ? (a = !0, Qe(b)) : a = !1, Cf(b, c), Wf(b, d, e,
c), Yf(b, d, e, c), vg(null, b, d, !0, a, c);\n\n default:\n t("156");\n }\n}\n\nfunction Ag(a) {\n a.effectTag |=
4;\n}\n\nvar Bg = void 0,\n Cg = void 0,\n Gg = void 0,\n Hg = void 0;\n\nBg = function Bg(a, b) {\n for (var
c = b.child; null !== c;) {\n if (5 === c.tag || 6 === c.tag) a.appendChild(c.stateNode);else if (4 !== c.tag && null
!== c.child) {\n c.child.return = c;\n c = c.child;\n continue;\n }\n if (c === b) break;\n\n for (; null
=== c.sibling;) {\n if (null === c.return || c.return === b) return;\n c = c.return;\n }\n\n c.sibling.return =
c.return;\n c = c.sibling;\n }\n};\n\nCg = function Cg() {};\n\nGg = function Gg(a, b, c, d, e) {\n var f =
a.memoizedProps;\n\n if (f !== d) {\n var g = b.stateNode;\n Hf(N.current);\n a = null;\n\n switch (c) {\n
case "input":\n f = Ac(g, f);\n d = Ac(g, d);\n a = [];\n break;\n\n case "option":\n f =
ee(g, f);\n d = ee(g, d);\n a = [];\n break;\n\n case "select":\n f = n({, f, {\n value: void
0\n });\n d = n({, d, {\n value: void 0\n });\n a = [];\n break;\n\n case "textarea":\n
f = ge(g, f);\n d = ge(g, d);\n a = [];\n break;\n\n default:\n "function" !== typeof f.onClick
&& "function" === typeof d.onClick && (g.onclick = ye);\n }\n\n ve(c, d);\n g = c = void 0;\n var h =
null;\n\n for (c in f) {\n if (!d.hasOwnProperty(c) && f.hasOwnProperty(c) && null !== f[c]) if ("style" === c)
{\n var k = f[c];\n\n for (g in k) {\n k.hasOwnProperty(g) && (h || (h = {}), h[g] = "\\");\n }\n
}\n } else "dangerouslySetInnerHTML" !== c && "children" !== c && "suppressContentEditableWarning" !== c
&& "suppressHydrationWarning" !== c && "autoFocus" !== c && (sa.hasOwnProperty(c) ? a || (a = []) : (a = a ||
[]).push(c, null));\n }\n\n for (c in d) {\n var l = d[c];\n k = null !== f ? f[c] : void 0;\n if
(d.hasOwnProperty(c) && l !== k && (null !== l || null !== k)) if ("style" === c) {\n if (k) {\n for (g in k)
{\n !k.hasOwnProperty(g) || l && l.hasOwnProperty(g) || (h || (h = {}), h[g] = "\\");\n }\n\n for (g
in l) {\n l.hasOwnProperty(g) && k[g] !== l[g] && (h || (h = {}), h[g] = l[g]);\n }\n } else h || (a ||
(a = []), a.push(c, h)), h = l;\n } else "dangerouslySetInnerHTML" === c ? (l = l ? l.__html : void 0, k = k ?
k.__html : void 0, null !== l && k !== l && (a = a || []).push(c, "\\\" + l) : "children" === c ? k === l || "string" !==
typeof l && "number" !== typeof l || (a = a || []).push(c, "\\\" + l) : "suppressContentEditableWarning" !== c &&
"suppressHydrationWarning" !== c && (sa.hasOwnProperty(c) ? (null !== l && xe(e, c), a || k === l || (a = [])) : (a
= a || []).push(c, l));\n }\n\n h && (a = a || []).push("style", h);\n e = a;\n (b.updateQueue = e) && Ag(b);\n

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}\n}\nHg = function Hg(a, b, c, d) {\n c !== d && Ag(b);\n}\n\nfunction Ig(a, b) {\n var c = b.source,\n d = b.stack;\n null === d && null !== c && (d = nc(c));\n null !== c && mc(c.type);\n b = b.value;\n null !== a && 1 === a.tag && mc(a.type);\n\n try {\n console.error(b);\n } catch (e) {\n setTimeout(function () {\n throw e;\n });\n }\n}\n\nfunction Jg(a) {\n var b = a.ref;\n if (null !== b) if ("function" === typeof b) try {\n b(null);\n } catch (c) {\n Kg(a, c);\n } else b.current = null;\n}\n\nfunction Lg(a) {\n "function" === typeof Te && Te(a);\n\n switch (a.tag) {\n case 0:\n case 11:\n case 14:\n case 15:\n var b = a.updateQueue;\n\n if (null !== b && (b = b.lastEffect, null !== b)) {\n var c = b = b.next;\n\n do {\n var d = c.destroy;\n\n if (null !== d) {\n var e = a;\n\n try {\n d();\n } catch (f) {\n Kg(e, f);\n }\n }\n\n c = c.next;\n } while (c !== b);\n }\n\n break;\n\n case 1:\n Jg(a);\n b = a.stateNode;\n if ("function" === typeof b.componentWillUnmount) try {\n b.props = a.memoizedProps, b.state = a.memoizedState, b.componentWillUnmount();\n } catch (f) {\n Kg(a, f);\n }\n\n break;\n\n case 5:\n Jg(a);\n break;\n\n case 4:\n Mg(a);\n }\n}\n\nfunction Ng(a) {\n return 5 === a.tag || 3 === a.tag || 4 === a.tag;\n}\n\nfunction Og(a) {\n a: {\n for (var b = a.return; null !== b;) {\n if (Ng(b)) {\n var c = b;\n break a;\n }\n\n b = b.return;\n }\n\n t("160");\n c = void 0;\n }\n\n var d = b = void 0;\n\n switch (c.tag) {\n case 5:\n b = c.stateNode;\n d = !1;\n break;\n\n case 3:\n b = c.stateNode.containerInfo;\n d = !0;\n break;\n\n case 4:\n b = c.stateNode.containerInfo;\n d = !0;\n break;\n\n default:\n t("161");\n }\n\n c.effectTag & 16 && (pe(b, ""), c.effectTag &= -17);\n\n a: for (c = a;;) {\n for (; null === c.sibling;) {\n if (null === c.return || Ng(c.return)) {\n c = null;\n break a;\n }\n\n c = c.return;\n }\n\n c.sibling.return = c.return;\n\n for (c = c.sibling; 5 !== c.tag && 6 !== c.tag;) {\n if (c.effectTag & 2) continue b;\n if (null === c.child || 4 === c.tag) continue b;else c.child.return = c, c = c.child;\n }\n\n if (!(c.effectTag & 2)) {\n c = c.stateNode;\n break a;\n }\n }\n\n for (var e = a;;) {\n if (5 === e.tag || 6 === e.tag) {\n if (c) {\n if (d) {\n var f = b,\n g = e.stateNode,\n h = c;\n 8 === f.nodeType ? f.parentNode.insertBefore(g, h) : f.insertBefore(g, h);\n } else b.insertBefore(e.stateNode, c);\n } else d ? (g = b, h = e.stateNode, 8 === g.nodeType ? (f = g.parentNode, f.insertBefore(h, g)) : (f = g, f.appendChild(h)), g = g._reactRootContainer, null !== g && void 0 !== g || null !== f.onclick || (f.onclick = ye)) : b.appendChild(e.stateNode);\n } else if (4 !== e.tag && null !== e.child) {\n e.child.return = e;\n e = e.child;\n continue;\n }\n\n if (e === a) break;\n\n for (; null === e.sibling;) {\n if (null === e.return || e.return === a) return;\n e = e.return;\n }\n\n e.sibling.return = e.return;\n e = e.sibling;\n }\n}\n\nfunction Mg(a) {\n for (var b = a, c = !1, d = void 0, e = void 0;;) {\n if (!c) {\n c = b.return;\n\n a: for (;;) {\n null === c ? t("160") : void 0;\n\n switch (c.tag) {\n case 5:\n d = c.stateNode;\n e = !1;\n break a;\n\n case 3:\n d = c.stateNode.containerInfo;\n e = !0;\n break a;\n\n case 4:\n d = c.stateNode.containerInfo;\n e = !0;\n break a;\n\n }\n\n c = c.return;\n }\n\n c = !0;\n }\n\n if (5 === b.tag || 6 === b.tag) {\n a: for (var f = b, g = f;;) {\n if (Lg(g), null !== g.child && 4 !== g.tag) g.child.return = g, g = g.child;else {\n if (g === f) break;\n\n for (; null === g.sibling;) {\n if (null === g.return || g.return === f) break a;\n g = g.return;\n }\n\n g.sibling.return = g.return;\n g = g.sibling;\n }\n }\n\n e ? (f = d, g = b.stateNode, 8 === f.nodeType ? f.parentNode.removeChild(g) : f.removeChild(g)) : d.removeChild(b.stateNode);\n } else if (4 === b.tag ? (d = b.stateNode.containerInfo, e = !0) : Lg(b), null !== b.child) {\n b.child.return = b;\n b = b.child;\n continue;\n }\n\n if (b === a) break;\n\n for (; null === b.sibling;) {\n if (null === b.return || b.return === a) return;\n b = b.return;\n 4 === b.tag && (c = !1);\n }\n\n b.sibling.return = b.return;\n b = b.sibling;\n }\n}\n\nfunction Pg(a, b) {\n switch (b.tag) {\n case 0:\n case 11:\n case 14:\n case 15:\n break;\n\n case 1:\n break;\n\n case 5:\n var c = b.stateNode;\n\n if (null != c) {\n var d = b.memoizedProps,\n e = null !== a ? a.memoizedProps : d;\n a = b.type;\n var f = b.updateQueue;\n b.updateQueue = null;\n\n if (null !== f) {\n c[Ha] = d;\n\n "input" === a && "radio" === d.type && null != d.name && Cc(c, d);\n we(a, e);\n b = we(a, d);\n\n for (e = 0; e < f.length; e += 2) {\n var g = f[e],\n h = f[e + 1];\n\n "style" === g ? te(c, h) : "dangerouslySetInnerHTML" === g ? oe(c, h) : "children" === g ? pe(c, h) : yc(c, g, h, b);\n }\n\n switch (a) {\n case "input":\n Dc(c, d);\n break;\n\n case "textarea":\n ie(c,

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d);\n      break;\n\n      case \"select\":\n        b = c._wrapperState.wasMultiple,\n        c._wrapperState.wasMultiple = !!d.multiple, a = d.value, null != a ? fe(c, !!d.multiple, a, !1) : b !== !!d.multiple &&\n        (null != d.defaultValue ? fe(c, !!d.multiple, d.defaultValue, !0) : fe(c, !!d.multiple, d.multiple ? [] : \"\", !1));\n      }\n    }\n  }\n  break;\n\n  case 6:\n    null === b.stateNode ? t(\"162\"): void 0;\n    b.stateNode.nodeValue = b.memoizedProps;\n    break;\n\n  case 3:\n    break;\n\n  case 12:\n    break;\n\n  case 13:\n    c = b.memoizedState;\n    a = b;\n    null === c ? d = !1 : (d = !0, a = b.child, 0 === c.timedOutAt\n    && (c.timedOutAt = Qf()));\n    if (null !== a) a: for (b = c = a;;) {\n      if (5 === b.tag) a = b.stateNode, d ?\n      a.style.display = \"none\" : (a = b.stateNode, f = b.memoizedProps.style, f = void 0 !== f && null !== f &&\n      f.hasOwnProperty(\"display\") ? f.display : null, a.style.display = se(\"display\", f));else if (6 === b.tag)\n      b.stateNode.nodeValue = d ? \"\" : b.memoizedProps;else if (null !== b.child) {\n        b.child.return = b;\n        b = b.child;\n        continue;\n      }\n      if (b === c) break a;\n      for (; null === b.sibling;) {\n        if (null\n        === b.return || b.return === c) break a;\n        b = b.return;\n      }\n      b.sibling.return = b.return;\n      b =\n      b.sibling;\n    }\n    break;\n\n  case 17:\n    break;\n\n  default:\n    t(\"163\");\n  }\n}\n\nfunction Qg(a, b, c)\n{\n  c = mf(c);\n  c.tag = 3;\n  c.payload = {\n    element: null\n  };\n  var d = b.value;\n\n  c.callback = function ()\n  {\n    Rg(d);\n    Ig(a, b);\n  };\n  return c;\n}\n\nfunction Sg(a, b, c) {\n  c = mf(c);\n  c.tag = 3;\n  var d =\n  a.type.getDerivedStateFromError;\n  if (\"function\" === typeof d) {\n    var e = b.value;\n\n    c.payload =\n    function () {\n      return d(e);\n    };\n  }\n  var f = a.stateNode;\n  null !== f && \"function\" === typeof\n  f.componentDidCatch && (c.callback = function () {\n    \"function\" !== typeof d && (null === Tg ? Tg = new\n    Set([this]) : Tg.add(this));\n    var c = b.value,\n        e = b.stack;\n    Ig(a, b);\n    this.componentDidCatch(c, {\n      componentStack: null !== e ? e : \"\"\n    });\n  });\n  return c;\n}\n\nfunction Ug(a) {\n  switch (a.tag) {\n    case 1:\n      L(a.type) && Me(a);\n      var b = a.effectTag;\n      return b & 2048 ? (a.effectTag = b & -2049 | 64, a) : null;\n\n    case 3:\n      return Jf(a), Ne(a), b = a.effectTag, 0 !== (b & 64) ? t(\"285\"): void 0, a.effectTag = b & -2049 | 64,\n      a;\n\n    case 5:\n      return Lf(a), null;\n\n    case 13:\n      return b = a.effectTag, b & 2048 ? (a.effectTag = b & -\n      2049 | 64, a) : null;\n\n    case 4:\n      return Jf(a), null;\n\n    case 10:\n      return Bf(a), null;\n\n    default:\n      return null;\n  }\n}\n\nvar Vg = {\n  readContext: Df\n},\n    Wg = Xb.ReactCurrentOwner,\n    Xg = 1073741822,\n    Yg = 0,\n    Zg = !1,\n    R = null,\n    S = null,\n    T = 0,\n    $g = -1,\n    ah = !1,\n    U = null,\n    bh = !1,\n    ch\n    = null,\n    dh = null,\n    Tg = null;\n\nfunction eh() {\n  if (null !== R) for (var a = R.return; null !== a;) {\n    var b\n    = a;\n\n    switch (b.tag) {\n      case 1:\n        var c = b.type.childContextTypes;\n        null !== c && void 0 !== c\n        && Me(b);\n        break;\n\n      case 3:\n        Jf(b);\n        Ne(b);\n        break;\n\n      case 5:\n        Lf(b);\n        break;\n\n      case 4:\n        Jf(b);\n        break;\n\n      case 10:\n        Bf(b);\n      }\n      a = a.return;\n    }\n    S =\n    null;\n    T = 0;\n    $g = -1;\n    ah = !1;\n    R = null;\n  }\n\n  function Sf() {\n    null !== dh &&\n    (ba.unstable_cancelCallback(ch), dh());\n  }\n\n  function fh(a) {\n    for (;) {\n      var b = a.alternate,\n          c =\n          a.return,\n          d = a.sibling;\n\n      if (0 === (a.effectTag & 1024)) {\n        R = a;\n\n        a: {\n          var e = b;\n          b\n          = a;\n          var f = T;\n          var g = b.pendingProps;\n\n          switch (b.tag) {\n            case 2:\n              break;\n\n            case 16:\n              break;\n\n            case 15:\n              case 0:\n                break;\n\n            case 1:\n              L(b.type) &&\n              Me(b);\n              break;\n\n            case 3:\n              Jf(b);\n              Ne(b);\n              g = b.stateNode;\n\n              g.pendingContext && (g.context = g.pendingContext, g.pendingContext = null);\n              if (null === e || null ===\n              e.child) lg(b), b.effectTag &= -3;\n              Cg(b);\n              break;\n\n            case 5:\n              Lf(b);\n              var h =\n              Hf(Gf.current);\n              f = b.type;\n              if (null !== e && null != b.stateNode) Gg(e, b, f, g, h), e.ref !== b.ref\n              && (b.effectTag |= 128);else if (g) {\n                var k = Hf(N.current);\n\n                if (lg(b)) {\n                  g = b;\n\n                  e = g.stateNode;\n                  var l = g.type,\n                      m = g.memoizedProps,\n                      q = h;\n\n                  e[Ga] = g;\n                  e[Ha] = m;\n                  f = void 0;\n                  h = l;\n\n                  switch (h) {\n                    case\n                    \"iframe\":\n                      case \"object\":\n                        G(\"load\", e);\n                        break;\n\n                      case\n                    \"video\":\n                      case \"audio\":\n                        for (l = 0; l < bb.length; l++) {\n                          G(bb[l], e);\n                        }\n                        break;\n\n                      case \"source\":\n                        G(\"error\", e);\n                        break;\n\n                      case \"img\":\n                      case \"image\":\n                      case \"link\":\n                        G(\"error\", e);\n\n                        G(\"load\", e);\n                        break;\n\n                      case \"form\":\n                        G(\"reset\", e);\n\n                        G(\"submit\", e);\n                        break;\n\n                      case \"details\":\n                        G(\"toggle\", e);\n
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break;\n\n      case \"input\":\n      Bc(e, m);\n      G(\"invalid\", e);\n      xe(q,\n\"onChange\");\n      break;\n      case \"select\":\n      e._wrapperState = {\nwasMultiple: !!m.multiple\n      });\n      G(\"invalid\", e);\n      xe(q, \"onChange\");\n      break;\n      case \"textarea\":\n      he(e, m), G(\"invalid\", e), xe(q, \"onChange\");\n}\n\n      ve(h, m);\n      l = null;\n      for (f in m) {\n      m.hasOwnProperty(f) && (k =\nm[f], \"children\" === f ? \"string\" === typeof k ? e.textContent !== k && (l = [\"children\", k]) : \"number\" ===\ntypeof k && e.textContent !== \"\" + k && (l = [\"children\", \"\" + k]) : sa.hasOwnProperty(f) && null !== k &&\nxe(q, f));\n      }\n      switch (h) {\n      case \"input\":\n      Vb(e);\n      Fc(e,\nm, !0);\n      break;\n      case \"textarea\":\n      Vb(e);\n      je(e, m);\nbreak;\n      case \"select\":\n      case \"option\":\n      break;\n      default:\n      \"function\" === typeof m.onClick && (e.onclick = ye);\n      }\n      f = l;\ng.updateQueue = f;\n      g = null !== f ? !0 : !1;\n      g && Ag(b);\n      } else {\n      m =\nb;\n      e = f;\n      q = g;\n      l = 9 === h.nodeType ? h : h.ownerDocument;\n      k ===\nke.html && (k = le(e));\n      k === ke.html ? \"script\" === e ? (e = l.createElement(\"div\"), e.innerHTML =\n\"<script>\\x3c/script>\", l = e.removeChild(e.firstChild)) : \"string\" === typeof q.is ? l = l.createElement(e, {\n      is: q.is\n      }): (l = l.createElement(e, \"select\" === e && q.multiple && (l.multiple !== !0)) : l =\nl.createElementNS(k, e);\n      e = l;\n      e[Ga] = m;\n      e[Ha] = g;\n      Bg(e, b, !1, !1);\n      q = e;\n      l = f;\n      m = g;\n      var x = h,\n      z = we(l, m);\nswitch (l) {\n      case \"iframe\":\n      case \"object\":\n      G(\"load\", q);\n      h =\nm;\n      break;\n      case \"video\":\n      case \"audio\":\n      for (h = 0; h <\nbb.length; h++) {\n      G(bb[h], q);\n      }\n      h = m;\n      break;\n      case\n\"source\":\n      G(\"error\", q);\n      h = m;\n      break;\n      case\n\"img\":\n      case \"image\":\n      case \"link\":\n      G(\"error\", q);\nG(\"load\", q);\n      h = m;\n      break;\n      case \"form\":\n      G(\"reset\", q);\n      G(\"submit\", q);\n      h = m;\n      break;\n      case \"details\":\nG(\"toggle\", q);\n      h = m;\n      break;\n      case \"input\":\n      Bc(q, m);\n      h = Ac(q, m);\n      G(\"invalid\", q);\n      xe(x, \"onChange\");\n      break;\n      case \"option\":\n      h = ee(q, m);\n      break;\n      case \"select\":\nq._wrapperState = {\n      wasMultiple: !!m.multiple\n      });\n      h = n({, m, {\n      value: void 0\n      });\n      G(\"invalid\", q);\n      xe(x, \"onChange\");\nbreak;\n      case \"textarea\":\n      he(q, m);\n      h = ge(q, m);\nG(\"invalid\", q);\n      xe(x, \"onChange\");\n      break;\n      default:\n      h =\nm;\n      }\n      ve(l, h);\n      k = void 0;\n      var C = l,\n      Q = q,\nv = h;\n      for (k in v) {\n      if (v.hasOwnProperty(k)) {\n      var r = v[k];\n      \"style\" === k ? te(Q, r) : \"dangerouslySetInnerHTML\" === k ? (r = r ? r.__html : void 0, null !== r && oe(Q, r)) :\n      \"children\" === k ? \"string\" === typeof r ? (\"textarea\" !== C || \"\" !== r) && pe(Q, r) : \"number\" === typeof r\n      && pe(Q, \"\" + r) : \"suppressContentEditableWarning\" !== k && \"suppressHydrationWarning\" !== k &&\n      \"autoFocus\" !== k && (sa.hasOwnProperty(k) ? null !== r && xe(x, k) : null !== r && yc(Q, k, r, z));\n      }\n      }\n      switch (l) {\n      case \"input\":\n      Vb(q);\n      Fc(q, m,\n!1);\n      break;\n      case \"textarea\":\n      Vb(q);\n      je(q, m);\nbreak;\n      case \"option\":\n      null !== m.value && q.setAttribute(\"value\", \"\" +\nzc(m.value));\n      break;\n      case \"select\":\n      h = q;\n      h.multiple =\n!!m.multiple;\n      q = m.value;\n      null !== q ? fe(h, !!m.multiple, q, !1) : null !== m.defaultValue\n      && fe(h, !!m.multiple, m.defaultValue, !0);\n      break;\n      default:\n      \"function\"\n      === typeof h.onClick && (q.onclick = ye);\n      }\n      (g = Be(f, g)) && Ag(b);\nb.stateNode = e;\n      }\n      null !== b.ref && (b.effectTag |= 128);\n      } else null ===\nb.stateNode ? t(\"166\") : void 0;\n      break;\n      case 6:\n      e && null !== b.stateNode ? Hg(e, b,\ne.memoizedProps, g) : (\"string\" !== typeof g && (null === b.stateNode ? t(\"166\") : void 0), e = Hf(Gf.current),

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Hf(N.current), lg(b) ? (g = b, f = g.stateNode, e = g.memoizedProps, f[Ga] = g, (g = f.nodeValue !== e) && Ag(b)) :
(f = b, g = (9 === e.nodeType ? e : e.ownerDocument).createTextNode(g), g[Ga] = b, f.stateNode = g);\n
break;\n\n case 11:\n break;\n\n case 13:\n g = b.memoizedState;\n\n if (0 !==
(b.effectTag & 64)) {\n b.expirationTime = f;\n b.firstEffect = b.lastEffect = null;\n R = b;\n
break a;\n }\n\n g = null !== g;\n if (g !== (null !== e && null !== e.memoizedState) || 0
=== (b.effectTag & 1) && g.b.effectTag |= 4;\n break;\n\n case 7:\n break;\n\n case 8:\n
break;\n\n case 12:\n break;\n\n case 4:\n Jf(b);\n Cg(b);\n break;\n\n
case 10:\n Bf(b);\n break;\n\n case 9:\n break;\n\n case 14:\n break;\n\n
case 17:\n L(b.type) && Me(b);\n break;\n\n default:\n t("\156");\n }\n\n R =
null;\n }\n\n b = a;\n\n if (1 === T || 1 !== b.childExpirationTime) {\n g = 0;\n\n for (f = b.child;
null !== f;) {\n e = f.expirationTime, h = f.childExpirationTime, e > g && (g = e), h > g && (g = h), f =
f.sibling;\n }\n\n b.childExpirationTime = g;\n }\n\n if (null !== R) return R.firstEffect = R.lastEffect
= null, R;\n\n null !== c && 0 === (c.effectTag & 1024) && (null === c.firstEffect && (c.firstEffect =
a.firstEffect), null !== a.lastEffect && (null !== c.lastEffect && (c.lastEffect.nextEffect = a.firstEffect), c.lastEffect
= a.lastEffect), 1 < a.effectTag && (null !== c.lastEffect ? c.lastEffect.nextEffect = a : c.firstEffect = a, c.lastEffect
= a));\n } else {\n a = Ug(a, T);\n if (null !== a) return a.effectTag &= 1023, a;\n\n null !== c &&
(c.firstEffect = c.lastEffect = null, c.effectTag |= 1024);\n }\n\n if (null !== d) return d;\n\n if (null !== c) a =
c;else break;\n }\n\n return null;\n}\n\nfunction gh(a) {\n var b = zg(a.alternate, a, T);\n a.memoizedProps =
a.pendingProps;\n\n null === b && (b = fh(a));\n\n Wg.current = null;\n\n return b;\n}\n\nfunction hh(a, b) {\n Zg ?
t("\243") : void 0;\n Sf();\n\n Zg = !0;\n\n Wg.currentDispatcher = Vg;\n\n var c = a.nextExpirationTimeToWorkOn;\n\n if (c !== T || a !== S || null === R) eh(), S = a, T = c, R = Ze(S.current, null, T), a.pendingCommitExpirationTime =
0;\n\n var d = !1;\n\n do {\n try {\n if (b) for (; null !== R && !h();)\n R = gh(R);\n } else for (; null
!== R;)\n R = gh(R);\n }\n } catch (C) {\n if (zf = yf = xf = null, null === R) d = !0, Rg(C);else {\n
null === R ? t("\271") : void 0;\n\n var e = R,\n\n f = e.return;\n\n if (null === f) d = !0, Rg(C);else {\n
a: {\n var g = a,\n\n h = f,\n\n k = e,\n\n l = C;\n\n f = T;\n\n k.effectTag |=
1024;\n\n k.firstEffect = k.lastEffect = null;\n\n if (null !== l && "object" === typeof l &&
"function" === typeof l.then) {\n var m = l;\n\n l = h;\n\n var q = -1,\n\n x = -1;\n\n
do {\n if (13 === l.tag) {\n var z = l.alternate;\n\n if (null !== z && (z =
z.memoizedState, null !== z)) {\n x = 10 * (1073741822 - z.timedOutAt);\n\n break;\n
}\n\n z = l.pendingProps.maxDuration;\n\n if ("number" === typeof z) if (0 >= z) q = 0;else if
(-1 === q || z < q) q = z;\n\n }\n\n l = l.return;\n\n } while (null !== l);\n\n l = h;\n\n
do {\n if (z = 13 === l.tag) z = void 0 === l.memoizedProps.fallback ? !1 : null ===
l.memoizedState;\n\n if (z) {\n h = jh.bind(null, g, l, k, 0 === (l.mode & 1) ? 1073741823 : f);\n
m.then(h, h);\n\n if (0 === (l.mode & 1)) {\n l.effectTag |= 64;\n
P(k.alternate, k, null, f);\n\n k.effectTag &= -1025;\n\n k.effectTag &= -933;\n\n 1
=== k.tag && null === k.alternate && (k.tag = 17);\n\n k.expirationTime = f;\n\n break a;\n
}\n\n -1 === q ? g = 1073741823 : (-1 === x && (x = 10 * (1073741822 - hf(g, f)) - 5E3), g = x +
q);\n\n 0 <= g && $g < g && ($g = g);\n\n l.effectTag |= 2048;\n\n l.expirationTime =
f;\n\n break a;\n\n }\n\n l = l.return;\n\n } while (null !== l);\n\n l =
Error((mc(k.type) || "A React component") + " suspended while rendering, but no fallback UI was
specified.\n\n\nAdd a <Suspense fallback=...> component higher in the tree to provide a loading indicator or
placeholder to display.'" + nc(k));\n }\n\n ah = !0;\n\n l = vf(l, k);\n\n g = h;\n\n do
{\n switch (g.tag) {\n case 3:\n k = l;\n\n g.effectTag |= 2048;\n
g.expirationTime = f;\n\n f = Qg(g, k, f);\n\n pf(g, f);\n\n break a;\n\n case 1:\n
if (k = l, h = g.type, m = g.stateNode, 0 === (g.effectTag & 64) && ("function" === typeof
h.getDerivedStateFromError || null !== m && "function" === typeof m.componentDidCatch && (null === Tg ||
!Tg.has(m)))) {\n g.effectTag |= 2048;\n\n g.expirationTime = f;\n\n f = Sg(g, k, f);\n
pf(g, f);\n\n break a;\n\n }\n\n }\n\n }\n\n g = g.return;\n\n } while (null

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!==(g);
}
}
R = fh(e);
continue;
}
}
}
break;
} while (1);
Zg =
!1;
zf = yf = xf = Wg.currentDispatcher = null;
if (d) S = null, a.finishedWork = null;
else if (null !== R)
a.finishedWork = null;
else {
d = a.current.alternate;
null === d ? t("281"): void 0;
S = null;
if (ah) {
e = a.latestPendingTime;
f = a.latestSuspendedTime;
g = a.latestPingedTime;
if (0 !== e
&& e < c || 0 !== f && f < c || 0 !== g && g < c) {
gf(a, c);
kh(a, d, c, a.expirationTime, -1);
return;
}
if (!a.didError && b) {
a.didError = !0;
c = a.nextExpirationTimeToWorkOn =
c;
b = a.expirationTime = 1073741823;
kh(a, d, c, b, -1);
return;
}
}
b && -1 !==
$g ? (gf(a, c), b = 10 * (1073741822 - hf(a, c)), b < $g && ($g = b), b = 10 * (1073741822 - Qf()), b = $g - b, kh(a,
d, c, a.expirationTime, 0 > b ? 0 : b)) : (a.pendingCommitExpirationTime = c, a.finishedWork = d);
}
}
function Kg(a, b) {
for (var c = a.return; null !== c;) {
switch (c.tag) {
case 1:
var d =
c.stateNode;
if ("function" === typeof c.type.getDerivedStateFromError || "function" === typeof
d.componentDidCatch && (null === Tg || !Tg.has(d))) {
a = vf(b, a);
a = Sg(c, a, 1073741823);
of(c, a);
Tf(c, 1073741823);
return;
}
break;
case 3:
a = vf(b, a);
a =
Qg(c, a, 1073741823);
of(c, a);
Tf(c, 1073741823);
return;
}
}
c = c.return;
}
}
3
=== a.tag && (c = vf(b, a), c = Qg(a, c, 1073741823), of(a, c), Tf(a, 1073741823));
}
function Rf(a, b) {
0
!== Yg ? a = Yg : Zg ? a = bh ? 1073741823 : T : b.mode & 1 ? (a = lh ? 1073741822 - 10 * (((1073741822 - a +
15) / 10 | 0) + 1) : 1073741822 - 25 * (((1073741822 - a + 500) / 25 | 0) + 1), null !== S && a === T && --a) : a =
1073741823;
lh && (0 === mh || a < mh) && (mh = a);
return a;
}
function jh(a, b, c, d) {
var e =
a.earliestSuspendedTime;
var f = a.latestSuspendedTime;
if (0 !== e && d <= e && d >= f) {
f = e = d;
a.didError = !1;
var g = a.latestPingedTime;
if (0 === g || g > f) a.latestPingedTime = f;
ff(f, a);
} else
e = Qf(), e = Rf(e, b), ef(a, e);
0
!== (b.mode & 1) && a === S && T === d && (S = null);
nh(b, e);
0
=== (b.mode & 1) && (nh(c, e), 1 === c.tag && null !== c.stateNode && (b = mf(e), b.tag = 2, of(c, b)));
}
c =
a.expirationTime;
0
!== c && oh(a, c);
}
function nh(a, b) {
a.expirationTime < b && (a.expirationTime =
b);
var c = a.alternate;
null !== c && c.expirationTime < b && (c.expirationTime = b);
var d = a.return,
e = null;
if (null === d && 3 === a.tag) e = a.stateNode;
else for (; null !== d;) {
c = d.alternate;
d.childExpirationTime < b && (d.childExpirationTime = b);
null !== c && c.childExpirationTime < b &&
(c.childExpirationTime = b);
if (null === d.return && 3 === d.tag) {
e = d.stateNode;
break;
}
}
d = d.return;
}
return null === e ? null : e;
}
function Tf(a, b) {
a = nh(a, b);
null !== a &&
(!Zg && 0 !== T && b > T && eh(), ef(a, b), Zg && !bh && S === a || oh(a, a.expirationTime), ph > qh && (ph =
0, t("185")));
}
function rh(a, b, c, d, e) {
var f = Yg;
Yg = 1073741823;
try {
return a(b, c, d,
e);
} finally {
Yg = f;
}
}
var sh = null,
V = null,
th = 0,
uh = void 0,
W = !1,
vh =
null,
X = 0,
mh = 0,
wh = !1,
xh = null,
Z = !1,
yh = !1,
lh = !1,
zh = null,
Ah =
ba.unstable_now(),
Bh = 1073741822 - (Ah / 10 | 0),
Ch = Bh,
qh = 50,
ph = 0,
Dh =
null;
function Eh() {
Bh = 1073741822 - ((ba.unstable_now() - Ah) / 10 | 0);
}
function Fh(a, b) {
if (0
!== th) {
if (b < th) return;
null !== uh && ba.unstable_cancelCallback(uh);
}
th = b;
a =
ba.unstable_now() - Ah;
uh = ba.unstable_scheduleCallback(Gh, {
timeout: 10 * (1073741822 - b) - a | n
});
}
function kh(a, b, c, d, e) {
a.expirationTime = d;
0
!== e || ih() ? 0 < e && (a.timeoutHandle =
De(Hh.bind(null, a, b, c), e)) : (a.pendingCommitExpirationTime = c, a.finishedWork = b);
}
function Hh(a, b,
c) {
a.pendingCommitExpirationTime = c;
a.finishedWork = b;
Eh();
Ch = Bh;
Ih(a, c);
}
function Qf() {
if (W) return Ch;
Jh();
if (0 === X || 1 === X) Eh(), Ch = Bh;
return Ch;
}
function oh(a, b) {
null
=== a.nextScheduledRoot ? (a.expirationTime = b, null === V ? (sh = V = a, a.nextScheduledRoot = a) : (V =
V.nextScheduledRoot = a, V.nextScheduledRoot = sh)) : b > a.expirationTime && (a.expirationTime = b);
W ||
(Z ? yh && (vh = a, X = 1073741823, Kh(a, 1073741823, !1)) : 1073741823 === b ? Lh(1073741823, !1) : Fh(a,
b));
}
function Jh() {
var a = 0,
b = null;
if (null !== V) for (var c = V, d = sh; null !== d;) {
var e =
d.expirationTime;
if (0 === e) {
null
=== c || null === V ? t("244"): void 0;
if (d ===
d.nextScheduledRoot) {
sh = V = d.nextScheduledRoot = null;
break;
} else if (d === sh) sh = e =
d.nextScheduledRoot, V.nextScheduledRoot = e, d.nextScheduledRoot = null;
else if (d === V) {
V = c;
V.nextScheduledRoot = sh;
d.nextScheduledRoot = null;
break;
} else c.nextScheduledRoot =

```



```

d.nextScheduledRoot, d.nextScheduledRoot = null;\n    d = c.nextScheduledRoot;\n  } else {\n    e > a && (a = e, b = d);\n    if (d === V) break;\n    if (1073741823 === a) break;\n    c = d;\n    d = d.nextScheduledRoot;\n  }\n  }\n  vh = b;\n  X = a;\n}\n\nvar Mh = !1;\n\nfunction ih() {\n  return Mh ? !0 : ba.unstable_shouldYield() ? Mh = !0 : !1;\n}\n\nfunction Gh() {\n  try {\n    if (!ih()) && null !== sh) {\n      Eh();\n      var a = sh;\n      do {\n        var b = a.expirationTime;\n        0 !== b && Bh <= b && (a.nextExpirationTimeToWorkOn = Bh);\n        a = a.nextScheduledRoot;\n      } while (a !== sh);\n    }\n    Lh(0, !0);\n  } finally {\n    Mh = !1;\n  }\n}\n\nfunction Lh(a, b) {\n  Jh();\n  if (b) for (Eh(), Ch = Bh; null !== vh && 0 !== X && a <= X && !(Mh && Bh > X);) {\n    Kh(vh, X, Bh > X), Jh(), Eh(), Ch = Bh;\n  } else for (; null !== vh && 0 !== X && a <= X;) {\n    Kh(vh, X, !1), Jh();\n  }\n  b && (th = 0, uh = null);\n  0 !== X && Fh(vh, X);\n  ph = 0;\n  Dh = null;\n  if (null !== zh) for (a = zh, zh = null, b = 0; b < a.length; b++) {\n    var c = a[b];\n    try {\n      c._onComplete();\n    } catch (d) {\n      wh || (wh = !0, xh = d);\n    }\n  }\n  if (wh) throw a = xh, xh = null, wh = !1, a;\n}\n\nfunction lh(a, b) {\n  W ? t("\\253\\"): void 0;\n  vh = a;\n  X = b;\n  Kh(a, b, !1);\n  Lh(1073741823, !1);\n}\n\nfunction Kh(a, b, c) {\n  W ? t("\\245\\"): void 0;\n  W = !0;\n  if (c) {\n    var d = a.finishedWork;\n    null !== d ? Nh(a, d, b) : (a.finishedWork = null, d = a.timeoutHandle, -1 !== d && (a.timeoutHandle = -1, Ee(d)), hh(a, c), d = a.finishedWork, null !== d && (ih() ? a.finishedWork = d : Nh(a, d, b)));\n  } else d = a.finishedWork, null !== d ? Nh(a, d, b) : (a.finishedWork = null, d = a.timeoutHandle, -1 !== d && (a.timeoutHandle = -1, Ee(d)), hh(a, c), d = a.finishedWork, null !== d && Nh(a, d, b));\n  W = !1;\n}\n\nfunction Nh(a, b, c) {\n  var d = a.firstBatch;\n  if (null !== d && d._expirationTime >= c && (null === zh ? zh = [d] : zh.push(d), d._defer)) {\n    a.finishedWork = b;\n    a.expirationTime = 0;\n    return;\n  }\n  a.finishedWork = null;\n  a === Dh ? ph++ : (Dh = a, ph = 0);\n  bh = Zg = !0;\n  a.current === b ? t("\\177\\"): void 0;\n  c = a.pendingCommitExpirationTime;\n  0 === c ? t("\\261\\"): void 0;\n  a.pendingCommitExpirationTime = 0;\n  d = b.expirationTime;\n  var e = b.childExpirationTime;\n  d = e > d ? e : d;\n  a.didError = !1;\n  0 === d ? (a.earliestPendingTime = 0, a.latestPendingTime = 0, a.earliestSuspendedTime = 0, a.latestSuspendedTime = 0, a.latestPingedTime = 0) : (e = a.latestPendingTime, 0 !== e && (e > d ? a.earliestPendingTime = a.latestPendingTime = 0 : a.earliestPendingTime > d && (a.earliestPendingTime = a.latestPendingTime)), e = a.earliestSuspendedTime, 0 === e ? ef(a, d) : d < a.latestSuspendedTime ? (a.earliestSuspendedTime = 0, a.latestSuspendedTime = 0, a.latestPingedTime = 0, ef(a, d)) : d > e && ef(a, d));\n  ff(0, a);\n  Wg.current = null;\n  1 < b.effectTag ? null !== b.lastEffect ? (b.lastEffect.nextEffect = b, d = b.firstEffect) : d = b : d = b.firstEffect;\n  ze = Hd;\n  e = Td();\n  if (Ud(e)) {\n    if ("selectionStart" in e) var f = {\n      start: e.selectionStart,\n      end: e.selectionEnd\n    }; else a: {\n      f = (f = e.ownerDocument) && f.defaultView || window;\n      var g = f.getSelection() && f.getSelection();\n      if (g && 0 !== g.rangeCount) {\n        f = g.anchorNode;\n        var h = g.anchorOffset,\n            k = g.focusNode;\n        g = g.focusOffset;\n        try {\n          f.nodeType, k.nodeType;\n        } catch (db) {\n          f = null;\n          break a;\n        }\n        var l = 0,\n            m = -1,\n            q = -1,\n            x = 0,\n            z = 0,\n            C = e,\n            Q = null;\n        b: for (;;) {\n          for (var v;;) {\n            C !== f || 0 !== h && 3 !== C.nodeType || (m = l + h);\n            C !== k || 0 !== g && 3 !== C.nodeType || (q = l + g);\n            3 === C.nodeType && (l += C.nodeValue.length);\n            if (null === (v = C.firstChild)) break;\n            Q = C;\n            C = v;\n          }\n          for (;;) {\n            if (C === e) break b;\n            Q === f && ++x === h && (m = l);\n            Q === k && ++z === g && (q = l);\n            if (null !== (v = C.nextSibling)) break;\n            C = Q;\n            Q = C.parentNode;\n          }\n          C = v;\n        }\n        f = -1 === m || -1 === q ? null : {\n          start: m,\n          end: q\n        }; \n      } else f = null;\n    }\n    f = f || {\n      start: 0,\n      end: 0\n    }; \n  } else f = null;\n  Ae = {\n    focusedElem: e,\n    selectionRange: f\n  };\n  Hd = !1;\n  for (U = d; null !== U;) {\n    e = !1;\n    f = void 0;\n    try {\n      for (; null !== U;) {\n        if (U.effectTag & 256) a: {\n          var r = U.alternate;\n          h = U;\n          switch (h.tag) {\n            case 0:\n              case 11:\n              case 15:\n                break a;\n            case 1:\n              if (h.effectTag & 256 && null !== r) {\n                var u = r.memoizedProps,\n                    y = r.memoizedState,\n                    Y = h.stateNode,\n                    Uh = Y.getSnapshotBeforeUpdate(h.elementType === h.type ? u : O(h.type, u), y);\n                Y.__reactInternalSnapshotBeforeUpdate = Uh;\n              }\n              break a;\n            case 3:\n              case 5:\n              case 6:\n              case 4:\n              case 17:\n                break a;\n            default:\n              t("\\163\\");\n            }\n          }\n          U = U.nextEffect;\n        } catch (db) {\n          e = !0, f = db;\n        }\n      }\n      e && (null === U ?

```



```

switch (g.tag) {
  case 3:
    g = g.stateNode.context;
    break;
  case 1:
    if (L(g.type)) {
      g = g.stateNode.__reactInternalMemoizedMergedChildContext;
      break;
    }
    g = g.return;
  } while (null !== g);
  t("171");
  g = void 0;
  if (1 === c.tag) {
    var h = c.type;
    if (L(h)) {
      c = Pe(c, h, g);
      break;
    }
    c = g;
  } else c = Je;
  null === b.context ? b.context = c : b.pendingContext = c;
  b = e;
  e = mf(d);
  e.payload = {
    element: a;
  };
  b = void 0 === b ? null : b;
  null !== b && (e.callback = b);
  Sf();
  of(f, e);
  Tf(f, d);
  return d;
}
function Sh(a, b, c, d) {
  var e = b.current;
  f = Qf();
  e = Rf(f, e);
  return Rh(a, b, c, e, d);
}
function Th(a) {
  a = a.current;
  if (!a.child) return null;
  switch (a.child.tag) {
    case 5:
      return a.child.stateNode;
    default:
      return a.child.stateNode;
  }
}
function Vh(a, b, c) {
  var d = 3 < arguments.length && void 0 !== arguments[3] ? arguments[3] : null;
  return {
    $$typeof: $b,
    key: null == d ? null : "" + d,
    children: a,
    containerInfo: b,
    implementation: c;
  };
}
Cb = function Cb(a, b, c) {
  switch (b) {
    case "input":
      Dc(a, c);
      b = c.name;
      if ("radio" === c.type && null != b) {
        for (c = a; c.parentNode;) {
          c = c.parentNode;
        }
        c = c.querySelectorAll("input[name=\"" + JSON.stringify("\"" + b) + "\"][type=\"radio\"]");
        for (b = 0; b < c.length; b++) {
          var d = c[b];
          if (d !== a && d.form === a.form) {
            var e = La(d);
            e ? void 0 : t("90");
            Wb(d);
            Dc(d, e);
          }
        }
        break;
      }
      case "textarea":
        ie(a, c);
        break;
      case "select":
        b = c.value, null != b && fe(a, !c.multiple, b, !1);
  }
}
function Wh(a) {
  var b = 1073741822 - 25 * (((1073741822 - Qf() + 500) / 25 | 0) + 1);
  b >= Xg && (b = Xg - 1);
  this._expirationTime = Xg = b;
  this._root = a;
  this._callbacks = this._next = null;
  this._hasChildren = this._didComplete = !1;
  this._children = null;
  this._defer = !0;
  Wh.prototype.render = function (a) {
    this._defer ? void 0 : t("250");
    this._hasChildren = !0;
    this._children = a;
    var b = this._root._internalRoot,
        c = this._expirationTime,
        d = new Xh();
    Rh(a, b, null, c, d._onCommit);
    return d;
  };
  Wh.prototype.then = function (a) {
    if (this._didComplete) a();
    else {
      var b = this._callbacks;
      null === b && (b = this._callbacks = []);
      b.push(a);
    }
  };
  Wh.prototype.commit = function () {
    var a = this._root._internalRoot,
        b = a.firstBatch;
    this._defer && null !== b ? void 0 : t("251");
    if (this._hasChildren) {
      var c = this._expirationTime;
      if (b !== this) {
        this._hasChildren && (c = this._expirationTime = b._expirationTime, this.render(this._children));
        for (var d = null, e = b; e !== this;) {
          d = e;
          e = e._next;
        }
        null === d ? t("251") : void 0;
        d._next = e._next;
        this._next = b;
        a.firstBatch = this;
      }
      this._defer = !1;
      Ih(a, c);
      b = this._next;
      this._next = null;
      b = a.firstBatch = b;
      null !== b && b._hasChildren && b.render(b._children);
    }
    else this._next = null, this._defer = !1;
  };
  Wh.prototype._onComplete = function () {
    if (!this._didComplete) {
      this._didComplete = !0;
      var a = this._callbacks;
      if (null !== a) for (var b = 0; b < a.length; b++) {
        (0, a[b])();
      }
    }
  };
  function Xh() {
    this._callbacks = null;
    this._didCommit = !1;
    this._onCommit = this._onCommit.bind(this);
  }
  Xh.prototype.then = function (a) {
    if (this._didCommit) a();
    else {
      var b = this._callbacks;
      null === b && (b = this._callbacks = []);
      b.push(a);
    }
  };
  Xh.prototype._onCommit = function () {
    if (!this._didCommit) {
      this._didCommit = !0;
      var a = this._callbacks;
      if (null !== a) for (var b = 0; b < a.length; b++) {
        var c = a[b];
        "function" !== typeof c ? t("191", c) : void 0;
        c();
      }
    }
  };
  function Yh(a, b, c) {
    b = M(3, null, null, b ? 3 : 0);
    a = {
      current: b,
      containerInfo: a,
      pendingChildren: null,
      earliestPendingTime: 0,
      latestPendingTime: 0,
      earliestSuspendedTime: 0,
      latestSuspendedTime: 0,
      latestPingedTime: 0,
      didError: !1,
      pendingCommitExpirationTime: 0,
      finishedWork: null,
      timeoutHandle: -1,
      context: null,
      pendingContext: null,
      hydrate: c,
      nextExpirationTimeToWorkOn: 0,
      expirationTime: 0,
      firstBatch: null,
      nextScheduledRoot: null;
    };
    this._internalRoot = b.stateNode = a;
  }
  Yh.prototype.render = function (a, b) {
    var c = this._internalRoot,
        d = new Xh();
    b = void 0 === b ? null : b;
    null !== b && d.then(b);
    Sh(a, c, null, d._onCommit);
    return d;
  };
  Yh.prototype.unmount = function (a) {
    var b = this._internalRoot,
        c = new Xh();
    a = void 0 === a ? null : a;
    null !== a && c.then(a);
    Sh(null, b, null, c._onCommit);
    return c;
  };
  Yh.prototype.legacy_renderSubtreeIntoContainer = function (a, b, c) {
    var d = this._internalRoot,
        e = new Xh();
    c = void 0 === c ? null : c;
    null !== c && e.then(c);
    Sh(b, d, a, e._onCommit);
    return

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e;\n};\n\nYh.prototype.createBatch = function () {\n  var a = new Wh(this),\n      b = a._expirationTime,\n      c = this._internalRoot,\n      d = c.firstBatch;\n  if (null === d) c.firstBatch = a, a._next = null;else {\n    for (c = null;\n        null !== d && d._expirationTime >= b;) {\n      c = d, d = d._next;\n    }\n    a._next = d;\n    null !== c &&\n    (c._next = a);\n  }\n  return a;\n};\n\nfunction Zh(a) {\n  return !(a || 1 !== a.nodeType && 9 !== a.nodeType &&\n    11 !== a.nodeType && (8 !== a.nodeType || "react-mount-point-unstable" !== a.nodeValue));\n}\n\nKb =\nOh;\nLb = Qh;\n\nMb = function Mb() {\n  W || 0 === mh || (Lh(mh, !1), mh = 0);\n};\n\nfunction $h(a, b) {\n  b ||\n  (b = a ? 9 === a.nodeType ? a.documentElement : a.firstChild : null, b = !(b || 1 !== b.nodeType ||\n    !b.hasAttribute("data-reactroot")));\n  if (!b) for (var c; c = a.lastChild;) {\n    a.removeChild(c);\n  }\n  return new\n  Yh(a, !1, b);\n}\n\nfunction ai(a, b, c, d, e) {\n  Zh(c) ? void 0 : t("200");\n  var f = c._reactRootContainer;\n  if\n  (f) {\n    if ("function" === typeof e) {\n      var g = e;\n      e = function e() {\n        var a = Th(f._internalRoot);\n        g.call(a);\n      };\n    }\n    null != a ? f.legacy_renderSubtreeIntoContainer(a, b, e) : f.render(b, e);\n  } else {\n    f = c._reactRootContainer = $h(c, d);\n    if ("function" === typeof e) {\n      var h = e;\n      e = function e() {\n        var a = Th(f._internalRoot);\n        h.call(a);\n      };\n    }\n    Ph(function () {\n      null != a ?\n      f.legacy_renderSubtreeIntoContainer(a, b, e) : f.render(b, e);\n    });\n  }\n  return\n  Th(f._internalRoot);\n}\n\nfunction bi(a, b) {\n  var c = 2 < arguments.length && void 0 !== arguments[2] ?\n  arguments[2] : null;\n  Zh(b) ? void 0 : t("200");\n  return Vh(a, b, null, c);\n}\n\nvar ci = {\n  createPortal: bi,\n  findDOMNode: function findDOMNode(a) {\n    if (null == a) return null;\n    if (1 === a.nodeType) return a;\n    var b = a._reactInternalFiber;\n    void 0 === b && ("function" === typeof a.render ? t("188") : t("268"),\n    Object.keys(a));\n    a = nd(b);\n    a = null === a ? null : a.stateNode;\n    return a;\n  },\n  hydrate: function\n  hydrate(a, b, c) {\n    return ai(null, a, b, !0, c);\n  },\n  render: function render(a, b, c) {\n    return ai(null, a, b, !1,\n    c);\n  },\n  unstable_renderSubtreeIntoContainer: function unstable_renderSubtreeIntoContainer(a, b, c, d) {\n    null\n    == a || void 0 === a._reactInternalFiber ? t("38") : void 0;\n    return ai(a, b, c, !1, d);\n  },\n  unmountComponentAtNode: function unmountComponentAtNode(a) {\n    Zh(a) ? void 0 : t("40");\n    return\n    a._reactRootContainer ? (Ph(function () {\n      ai(null, null, a, !1, function () {\n        a._reactRootContainer =\n        null;\n      });\n    }), !0) : !1;\n  },\n  unstable_createPortal: function unstable_createPortal() {\n    return\n    bi.apply(void 0, arguments);\n  },\n  unstable_batchedUpdates: Oh,\n  unstable_interactiveUpdates: Qh,\n  flushSync: function flushSync(a, b) {\n    W ? t("187") : void 0;\n    var c = Z;\n    Z = !0;\n    try {\n      return\n      rh(a, b);\n    } finally {\n      Z = c, Lh(1073741823, !1);\n    }\n  },\n  unstable_flushControlled: function\n  unstable_flushControlled(a) {\n    var b = Z;\n    Z = !0;\n    try {\n      rh(a);\n    } finally {\n      (Z = b) || W ||\n      Lh(1073741823, !1);\n    }\n  },\n  __SECRET_INTERNALS_DO_NOT_USE_OR_YOU_WILL_BE_FIRED: {\n  Events: [Ja, Ka, La, Ca.injectEventPluginsByName, qa, Ra, function (a) {\n    za(a, Qa);\n  }, Ib, Jb, Jd, Ea]\n  },\n  unstable_createRoot: function unstable_createRoot(a, b) {\n    Zh(a) ? void 0 : t("299"),\n    "unstable_createRoot");\n    return new Yh(a, !0, null != b && !0 === b.hydrate);\n  }\n};\n\n(function (a) {\n  var\n  b = a.findFiberByHostInstance;\n  return Ve(n({\n    a, {\n      findHostInstanceByFiber: function\n      findHostInstanceByFiber(a) {\n        a = nd(a);\n        return null === a ? null : a.stateNode;\n      },\n      findFiberByHostInstance: function findFiberByHostInstance(a) {\n        return b ? b(a) : null;\n      }\n    });\n  }));\n\n  findFiberByHostInstance: Ia,\n  bundleType: 0,\n  version: "16.6.1",\n  rendererPackageName: "react-\ndom"\n});\n\nvar fi = {\n  default: ci,\n  gi = fi && ci || fi;\n  module.exports = gi.default || gi;\n  "use strict";\n\n  (process.env.NODE_ENV === 'production') {\n    module.exports = require('./cjs/scheduler.production.min.js');\n  } else {\n    module.exports = require('./cjs/scheduler.development.js');\n  },"/** @license React v16.6.1\n  * scheduler.production.min.js\n  *\n  * Copyright (c) Facebook, Inc. and its affiliates.\n  *\n  * This source code is\n  licensed under the MIT license found in the\n  * LICENSE file in the root directory of this source tree.\n  */\n  use\n  strict;\n  Object.defineProperty(exports, "__esModule", {\n    value: !0\n  });\n  var d = null,\n      f = !1,\n      h = 3,\n      k = -1,\n      l = -1,\n      m = !1,\n      n = !1;\n  function p() {\n    if (!m) {\n      var a = d.expirationTime;\n      n ? q() : n =\n      !0;\n      _r(t, a);\n    }\n  }\n  function u() {\n    var a = d,\n        b = d.next;\n    if (d === b) d = null;else {\n      var c =\n      d.previous;\n      d = c.next = b;\n      b.previous = c;\n    }\n    a.next = a.previous = null;\n    c = a.callback;\n    b =\n    a.expirationTime;\n    a = a.priorityLevel;\n    var e = h,\n        Q = l;\n    h = a;\n    l = b;\n    try {\n      var g = c();\n    } finally {\n      h = e, l = Q;\n    }\n    if ("function" === typeof g) if (g = {\n      callback: g,\n      priorityLevel: a,\n
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expirationTime: b,\n  next: null,\n  previous: null\n  }, null === d) d = g.next = g.previous = g;else {\n  c =
null;\n  a = d;\n  do {\n    if (a.expirationTime >= b) {\n      c = a;\n      break;\n    }\n    a = a.next;\n  }
while (a !== d);\n  null === c ? c = d : c === d && (d = g, p());\n  b = c.previous;\n  b.next = c.previous = g;\n
g.next = c;\n  g.previous = b;\n  }\n}\n\nfunction v() {\n  if (-1 === k && null !== d && 1 === d.priorityLevel)
{\n    m = !0;\n    try {\n      do {\n        u();\n      } while (null !== d && 1 === d.priorityLevel);\n    } finally {\n
m = !1, null !== d ? p() : n = !1;\n    }\n  }\n}\n\nfunction t(a) {\n  m = !0;\n  var b = f;\n  f = a;\n  try {\n    if (a)
for (; null !== d;) {\n      var c = exports.unstable_now();\n      if (d.expirationTime <= c) {\n        do {\n
u();\n      } while (null !== d && d.expirationTime <= c);\n      } else break;\n    } else if (null !== d) {\n      do {\n
u();\n      } while (null !== d && !w());\n    }\n  } finally {\n    m = !1, f = b, null !== d ? p() : n = !1, v();\n
}\n}\n\nvar x = Date,\n  y = \"function\" === typeof setTimeout ? setTimeout : void 0,\n  z = \"function\" ===
typeof clearTimeout ? clearTimeout : void 0,\n  A = \"function\" === typeof requestAnimationFrame ?
requestAnimationFrame : void 0,\n  B = \"function\" === typeof cancelAnimationFrame ? cancelAnimationFrame :
void 0,\n  C,\n  D;\n\nfunction E(a) {\n  C = A(function (b) {\n    z(D);\n    a(b);\n  });\n  D = y(function () {\n
B(C);\n  a(exports.unstable_now());\n  }, 100);\n}\n\nif (\"object\" === typeof performance && \"function\" ===
typeof performance.now) {\n  var F = performance;\n  exports.unstable_now = function () {\n    return F.now();\n
};\n} else exports.unstable_now = function () {\n  return x.now();\n};\n\nvar _r, q, w;\n\nif (\"undefined\" !== typeof
window && window._schedMock) {\n  var G = window._schedMock;\n  _r = G[0];\n  q = G[1];\n  w = G[2];\n}
else if (\"undefined\" === typeof window || \"function\" !== typeof window.addEventListener) {\n  var H = null,\n  I = -1,\n  J = function J(a, b) {\n    if (null !== H) {\n      var c = H;\n      H = null;\n      try {\n        I = b, c(a);\n
      } finally {\n        I = -1;\n      }\n    }\n  };\n  _r = function r(a, b) {\n    -1 !== I ? setTimeout(_r, 0, a, b) : (H = a,
setTimeout(J, b, !0, b), setTimeout(J, 1073741823, !1, 1073741823));\n  };\n  q = function q() {\n    H = null;\n
};\n  w = function w() {\n    return !1;\n  };\n  exports.unstable_now = function () {\n    return -1 === I ? 0 : I;\n
};\n} else {\n  \"undefined\" !== typeof console && (\"function\" !== typeof A && console.error(\"This browser
doesn't support requestAnimationFrame. Make sure that you load a polyfill in older browsers. https://fb.me/react-polyfills\"),
\"function\" !== typeof B && console.error(\"This browser doesn't support cancelAnimationFrame. Make sure that you load a polyfill in older browsers. https://fb.me/react-polyfills\"));\n  var K = null,\n  L = !1,\n  M = -1,\n  N = !1,\n  O = !1,\n  P = 0,\n  R = 33,\n  S = 33;\n  w = function w() {\n    return P <=
exports.unstable_now();\n  };\n  var T = \"__reactIdleCallback$\" + Math.random().toString(36).slice(2);\n  window.addEventListener(\"message\", function (a) {\n    if (a.source === window && a.data === T) {\n      L =
!1;\n      a = K;\n      var b = M;\n      K = null;\n      M = -1;\n      var c = exports.unstable_now(),\n      e = !1;\n      if (0 >= P - c) if (-1 !== b && b <= c) e = !0;else {\n        N || (N = !0, E(U));\n        K = a;\n        M = b;\n      }
return;\n    }\n    if (null !== a) {\n      O = !0;\n      try {\n        a(e);\n      } finally {\n        O = !1;\n      }\n    }\n  }, !1);\n  var U = function U(a) {\n    if (null !== K) {\n      E(U);\n      var b = a - P + S;\n      b <
S && R < S ? (8 > b && (b = 8), S = b < R ? R : b) : R = b;\n      P = a + S;\n      L || (L = !0,
window.postMessage(T, \"*\");\n    } else N = !1;\n  };\n  _r = function _r(a, b) {\n    K = a;\n    M = b;\n    O || 0
> b ? window.postMessage(T, \"*\") : N || (N = !0, E(U));\n  };\n  q = function q() {\n    K = null;\n    L = !1;\n    M
= -1;\n  };\n}\n\nexports.unstable_ImmediatePriority = 1;\nexports.unstable_UserBlockingPriority =
2;\nexports.unstable_NormalPriority = 3;\nexports.unstable_IdlePriority = 4;\n\nexports.unstable_runWithPriority =
function (a, b) {\n  switch (a) {\n    case 1:\n    case 2:\n    case 3:\n    case 4:\n      break;\n    default:\n      a = 3;\n  }\n  var c = h,\n  e = k;\n  h = a;\n  k = exports.unstable_now();\n  try {\n    return b();\n  } finally {\n    h = c,
k = e, v();\n  };\n}\n\nexports.unstable_scheduleCallback = function (a, b) {\n  var c = -1 !== k ? k :
exports.unstable_now();\n  if (\"object\" === typeof b && null !== b && \"number\" === typeof b.timeout) b = c +
b.timeout;else switch (h) {\n    case 1:\n      b = c + -1;\n      break;\n    case 2:\n      b = c + 250;\n      break;\n    case 4:\n      b = c + 1073741823;\n      break;\n    default:\n      b = c + 5E3;\n  }\n  a = {\n    callback: a,\n    priorityLevel: h,\n    expirationTime: b,\n    next: null,\n    previous: null\n  };\n  if (null === d) d = a.next =
a.previous = a, p();else {\n    c = null;\n    var e = d;\n    do {\n      if (e.expirationTime > b) {\n        c = e;\n      }
break;\n    }\n    e = e.next;\n  } while (e !== d);\n  null === c ? c = d : c === d && (d = a, p());\n  b =
c.previous;\n  b.next = c.previous = a;\n  a.next = c;\n  a.previous = b;\n  }\n  return

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a;\n};\n\nexports.unstable_cancelCallback = function (a) {\n  var b = a.next;\n\n  if (null !== b) {\n    if (b === a) d
= null;else {\n    a === d && (d = b);\n    var c = a.previous;\n    c.next = b;\n    b.previous = c;\n  }\n  a.next
= a.previous = null;\n  }\n};\n\nexports.unstable_wrapCallback = function (a) {\n  var b = h;\n  return function () {\n
var c = h,\n    e = k;\n    h = b;\n    k = exports.unstable_now();\n\n    try {\n      return a.apply(this, arguments);\n
    } finally {\n      h = c, k = e, v();\n    }\n  };};\n\nexports.unstable_getCurrentPriorityLevel = function () {\n
return h;\n};\n\nexports.unstable_shouldYield = function () {\n  return !f && (null !== d && d.expirationTime < 1 ||
w());\n};";\n\n/**\n * Copyright (c) 2013-present, Facebook, Inc.\n * This source code is licensed under the MIT
license found in the\n * LICENSE file in the root directory of this source tree.\n */\n'use strict';\n\nvar
ReactPropTypesSecret = require('./lib/ReactPropTypesSecret');\n\nfunction emptyFunction() {}\n\nmodule.exports
= function () {\n  function shim(props, propName, componentName, location, propFullName, secret) {\n    if (secret
=== ReactPropTypesSecret) {\n      // It is still safe when called from React.\n      return;\n    }\n\n    var err = new
Error('Calling PropTypes validators directly is not supported by the `prop-types` package. ' + 'Use
PropTypes.checkPropTypes() to call them. ' + 'Read more at http://fb.me/use-check-prop-types');\n    err.name =
'Invariant Violation';\n    throw err;\n  }\n\n  ;\n  shim.isRequired = shim;\n\n  function getShim() {\n    return
shim;\n  }\n\n  ;\n  // Important! Keep this list in sync with production version in
`./factoryWithTypeCheckers.js`\n\n  var ReactPropTypes = {\n    array: shim,\n    bool: shim,\n    func: shim,\n
number: shim,\n    object: shim,\n    string: shim,\n    symbol: shim,\n    any: shim,\n    arrayOf: getShim,\n
element: shim,\n    instanceOf: getShim,\n    node: shim,\n    objectOf: getShim,\n    oneOf: getShim,\n
oneOfType: getShim,\n    shape: getShim,\n    exact: getShim\n  };\n  ReactPropTypes.checkPropTypes =
emptyFunction;\n  ReactPropTypes.PropTypes = ReactPropTypes;\n  return ReactPropTypes;\n};";\n\n/**\n *
Copyright (c) 2013-present, Facebook, Inc.\n * This source code is licensed under the MIT license found in the\n
* LICENSE file in the root directory of this source tree.\n */\n'use strict';\n\nvar ReactPropTypesSecret =
'SECRET_DO_NOT_PASS_THIS_OR_YOU_WILL_BE_FIRED';\n\nmodule.exports =
ReactPropTypesSecret;\n\n/**\n @license React v16.6.1\n * react-is.production.min.js\n * Copyright (c) Facebook,
Inc. and its affiliates.\n * This source code is licensed under the MIT license found in the\n * LICENSE file in
the root directory of this source tree.\n */\n'use strict';\n\nObject.defineProperty(exports, '__esModule', {\n  value:
!0});\n\nvar b = "function" === typeof Symbol && Symbol.for,\n    c = b ? Symbol.for("react.element") :
60103,\n    d = b ? Symbol.for("react.portal") : 60106,\n    e = b ? Symbol.for("react.fragment") : 60107,\n    f = b
? Symbol.for("react.strict_mode") : 60108,\n    g = b ? Symbol.for("react.profiler") : 60114,\n    h = b ?
Symbol.for("react.provider") : 60109,\n    k = b ? Symbol.for("react.context") : 60110,\n    l = b ?
Symbol.for("react.async_mode") : 60111,\n    m = b ? Symbol.for("react.concurrent_mode") : 60111,\n    n = b ?
Symbol.for("react.forward_ref") : 60112,\n    p = b ? Symbol.for("react.suspense") : 60113,\n    r = b ?
Symbol.for("react.memo") : 60115,\n    t = b ? Symbol.for("react.lazy") : 60116;\n\nfunction u(a) {\n  if
("object" === typeof a && null !== a) {\n    var q = a.$typeof;\n\n    switch (q) {\n      case c:\n        switch (a =
a.type, a) {\n          case l:\n            case m:\n            case e:\n            case g:\n            case f:\n              return a;\n\n
default:\n            switch (a = a && a.$typeof, a) {\n              case k:\n                case n:\n                case h:\n
return a;\n\n              default:\n                return q;\n            }\n\n          case d:\n            return q;\n        }\n
    }\n\n  }\n\n  function v(a) {\n    return u(a) === m;\n  }\n\n  exports.typeOf = u;\n  exports.AsyncMode =
l;\n  exports.ConcurrentMode = m;\n  exports.ContextConsumer = k;\n  exports.ContextProvider = h;\n  exports.Element
= c;\n  exports.ForwardRef = n;\n  exports.Fragment = e;\n  exports.Profiler = g;\n  exports.Portal =
d;\n  exports.StrictMode = f;\n  exports.isValidElementType = function (a) {\n    return "string" === typeof a ||
"function" === typeof a || a === e || a === m || a === g || a === f || a === p || "object" === typeof a && null !== a
&& (a.$typeof === t || a.$typeof === r || a.$typeof === h || a.$typeof === k || a.$typeof ===
n);\n  };\n\n  exports.isAsyncMode = function (a) {\n    return v(a) || u(a) === l;\n  };\n\n  exports.isConcurrentMode =
v;\n  exports.isContextConsumer = function (a) {\n    return u(a) === k;\n  };\n\n  exports.isContextProvider = function
(a) {\n    return u(a) === h;\n  };\n\n  exports.isElement = function (a) {\n    return "object" === typeof a && null !== a
&& a.$typeof === c;\n  };\n\n  exports.isForwardRef = function (a) {\n    return u(a) === n;\n  };\n\n  exports.isFragment
= function (a) {\n    return u(a) === e;\n  };\n\n  exports.isProfiler = function (a) {\n    return u(a) ===

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g;\n};\n\nexports.isPortal = function (a) {\n  return u(a) === d;\n};\n\nexports.isStrictMode = function (a) {\n  return
u(a) === f;\n};","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar
_extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 =
_interopRequireDefault(_extends2);\n\nvar _keys = require('babel-runtime/core-js/object/keys');\n\nvar _keys2 =
_interopRequireDefault(_keys);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 =
_interopRequireDefault(_inherits2);\n\nexports.getStyles = getStyles;\n\nvar _simpleAssign = require('simple-
assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar
_react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =
_interopRequireDefault(_propTypes);\n\nvar _IconButton = require('./IconButton');\n\nvar _IconButton2 =
_interopRequireDefault(_IconButton);\n\nvar _menu = require('./svg-icons/navigation/menu');\n\nvar _menu2 =
_interopRequireDefault(_menu);\n\nvar _Paper = require('./Paper');\n\nvar _Paper2 =
_interopRequireDefault(_Paper);\n\nvar _propTypes3 = require('./utils/propTypes');\n\nvar _propTypes4 =
_interopRequireDefault(_propTypes3);\n\nvar _warning = require('warning');\n\nvar _warning2 =
_interopRequireDefault(_warning);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n  };}\n\nfunction getStyles(props, context) {\n  var _context$muiTheme =
context.muiTheme,\n      appBar = _context$muiTheme.appBar,\n      iconButtonSize =
_context$muiTheme.button.iconButtonSize,\n      zIndex = _context$muiTheme.zIndex;\n  var flatButtonSize =
36;\n  var styles = {\n    root: {\n      position: 'relative',\n      zIndex: zIndex.appBar,\n      width: '100%',\n      display: 'flex',\n      backgroundColor: appBar.color,\n      paddingLeft: appBar.padding,\n      paddingRight:
appBar.padding\n    },\n    title: {\n      whiteSpace: 'nowrap',\n      overflow: 'hidden',\n      textOverflow: 'ellipsis',\n      margin: 0,\n      paddingTop: 0,\n      letterSpacing: 0,\n      fontSize: 24,\n      fontWeight:
appBar.titleFontWeight,\n      color: appBar.textColor,\n      height: appBar.height,\n      lineHeight: appBar.height +
'px'\n    },\n    mainElement: {\n      boxFlex: 1,\n      flex: '1'\n    },\n    iconButtonStyle: {\n      marginTop:
(appBar.height - iconButtonSize) / 2,\n      marginRight: 8,\n      marginLeft: -16\n    },\n    iconButtonIconStyle: {\n      fill:
appBar.textColor,\n      color: appBar.textColor\n    },\n    flatButton: {\n      color: appBar.textColor,\n      marginTop:
(iconButtonSize - flatButtonSize) / 2 + 1\n    };\n  }\n  return styles;\n}\n\nvar AppBar = function
(_Component) {\n  (0, _inherits3.default)(AppBar, _Component);\n\n  function AppBar() {\n    var _ref;\n    var
_temp, _this, _ret;\n    (0, _classCallCheck3.default)(this, AppBar);\n\n    for (var _len = arguments.length, args =
Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp
= (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = AppBar.__proto__ || (0,
_getPrototypeOf2.default)(AppBar)).call.apply(_ref, [this].concat(args))), _this), _this.handleClickLeftIconButton =
function (event) {\n      if (_this.props.onLeftIconButtonClick) {\n        _this.props.onLeftIconButtonClick(event);\n      }
    }, _this.handleClickRightIconButton = function (event) {\n      if (_this.props.onRightIconButtonClick) {\n        _this.props.onRightIconButtonClick(event);\n      }
    }, _this.handleClickTitleClick = function (event) {\n      if
(_this.props.onTitleClick) {\n        _this.props.onTitleClick(event);\n      }
    }, _temp), (0,
_possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(AppBar, [{\n    key:
'componentDidMount',\n    value: function componentDidMount() {\n      process.env.NODE_ENV !==
'production' ? (0, _warning2.default)(!this.props.iconElementLeft || !this.props.iconClassNameLeft, 'Material-UI:
Properties iconElementLeft\n      and iconClassNameLeft cannot be simultaneously defined. Please use one or the

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other.) : void 0;\n    process.env.NODE_ENV !== \"production\" ? (0,
_warning2.default)(!this.props.iconElementRight || !this.props.iconClassNameRight, 'Material-UI: Properties
iconElementRight\\n    and iconClassNameRight cannot be simultaneously defined. Please use one or the other.') :
void 0;\n  }\n }, {\n    key: 'render',\n    value: function render() {\n      var _props = this.props,\n          title =
_props.title,\n          titleStyle = _props.titleStyle,\n          iconStyleLeft = _props.iconStyleLeft,\n          iconStyleRight = _props.iconStyleRight,\n          onTitleClick = _props.onTitleClick,\n          showMenuIconButton
= _props.showMenuIconButton,\n          iconElementLeft = _props.iconElementLeft,\n          iconElementRight =
_props.iconElementRight,\n          iconClassNameLeft = _props.iconClassNameLeft,\n          iconClassNameRight =
_props.iconClassNameRight,\n          onLeftIconButtonClick = _props.onLeftIconButtonClick,\n
onRightIconButtonClick = _props.onRightIconButtonClick,\n          className = _props.className,\n          style =
_props.style,\n          zIndex = _props.zDepth,\n          children = _props.children,\n          other = (0,
_objectWithoutProperties3.default)(_props, ['title', 'titleStyle', 'iconStyleLeft', 'iconStyleRight', 'onTitleClick',
'showMenuIconButton', 'iconElementLeft', 'iconElementRight', 'iconClassNameLeft', 'iconClassNameRight',
'onLeftIconButtonClick', 'onRightIconButtonClick', 'className', 'style', 'zDepth', 'children']);\n      var prepareStyles
= this.context.muiTheme.prepareStyles;\n      var styles = getStyles(this.props, this.context);\n      var
menuElementLeft = void 0;\n      var menuElementRight = void 0; // If the title is a string, wrap in an h1 tag.\n      //
If not, wrap in a div tag.\n      var titleComponent = typeof title === 'string' || title instanceof String ? 'h1' : 'div';\n      \n
      var titleElement = _react2.default.createElement(titleComponent, {\n        onClick: this.handleClick,\n
style: prepareStyles((0, _simpleAssign2.default)(styles.title, styles.mainElement, titleStyle))\n      }, title);\n      \n
      var iconLeftStyle = (0, _simpleAssign2.default)({}, styles.iconButtonStyle, iconStyleLeft);\n      \n
      if (showMenuIconButton) {\n        if (iconElementLeft) {\n          var iconElementLeftProps = {};\n          \n
          if (iconElementLeft.type.muiName === 'IconButton') {\n            var iconElemLeftChildren =
iconElementLeft.props.children;\n            var iconButtonIconStyle = !(iconElemLeftChildren &&
iconElemLeftChildren.props && iconElemLeftChildren.props.color) ? styles.iconButtonIconStyle : null;\n
            iconElementLeftProps.iconStyle = (0, _simpleAssign2.default)({}, iconButtonIconStyle,
iconElementLeft.props.iconStyle);\n          }\n          \n
          if (!iconElementLeft.props.onClick && this.props.onLeftIconButtonClick) {\n            iconElementLeftProps.onClick = this.handleClickLeftIconButton;\n
          }\n          \n
          menuElementLeft = _react2.default.createElement('div', {\n            style:
prepareStyles(iconLeftStyle)\n          }, (0, _keys2.default)(iconElementLeftProps).length > 0 ? (0,
_react.cloneElement)(iconElementLeft, iconElementLeftProps) : iconElementLeft);\n        } else {\n
          menuElementLeft = _react2.default.createElement(_IconButton2.default, {\n            style: iconLeftStyle,\n
iconStyle: styles.iconButtonIconStyle,\n            iconClassName: iconClassNameLeft,\n            onClick:
this.handleClickLeftIconButton\n          }, iconClassNameLeft ? \" : _react2.default.createElement(_menu2.default,
{\n            style: (0, _simpleAssign2.default)({}, styles.iconButtonIconStyle)\n          }));\n        }\n      }\n      \n
      var iconRightStyle = (0, _simpleAssign2.default)({}, styles.iconButtonStyle, {\n        marginRight: -16,\n
marginLeft: 'auto'\n      }, iconStyleRight);\n      \n
      if (iconElementRight) {\n        var iconElementRightProps =
{};\n        \n
        switch (iconElementRight.type.muiName) {\n          case 'IconMenu':\n            case 'IconButton':\n
          var iconElemRightChildren = iconElementRight.props.children;\n          var _iconButtonIconStyle =
!(iconElemRightChildren && iconElemRightChildren.props && iconElemRightChildren.props.color) ?
styles.iconButtonIconStyle : null;\n          iconElementRightProps.iconStyle = (0, _simpleAssign2.default)({},
_iconButtonIconStyle, iconElementRight.props.iconStyle);\n          break;\n          case 'FlatButton':\n
          iconElementRightProps.style = (0, _simpleAssign2.default)({}, styles.flatButton, iconElementRight.props.style);\n
          break;\n          default:\n          }\n          \n
          if (!iconElementRight.props.onClick && this.props.onRightIconButtonClick) {\n            iconElementRightProps.onClick = this.handleClickRightIconButton;\n
          }\n          \n
          menuElementRight = _react2.default.createElement('div', {\n            style:
prepareStyles(iconRightStyle)\n          }, (0, _keys2.default)(iconElementRightProps).length > 0 ? (0,
_react.cloneElement)(iconElementRight, iconElementRightProps) : iconElementRight);\n        } else if
(iconClassNameRight) {\n          menuElementRight = _react2.default.createElement(_IconButton2.default, {\n

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style: iconRightStyle,\n      iconStyle: styles.iconButtonIconStyle,\n      iconClassName:
iconClassNameRight,\n      onClick: this.handleClickRightIconButton\n    });\n  }\n\n  return
_react2.default.createElement(_Paper2.default, (0, _extends3.default)({}, other, {\n    rounded: false,\n    className: className,\n    style: (0, _simpleAssign2.default)({}, styles.root, style),\n    zIndex: zIndex\n  })), menuElementLeft, titleElement, menuElementRight, children);\n  }\n});\n\nreturn
AppBar;\n})(_react.Component);\n\nAppBar.muiName = 'AppBar';\nAppBar.defaultProps = {\n  showMenuIconButton: true,\n  title: "",\n  zIndex: 1\n};\nAppBar.contextTypes = {\n  muiTheme:
_propTypes2.default.isRequired\n};\nAppBar.propTypes = process.env.NODE_ENV !== "production" ? {\n
/**\n * Can be used to render a tab inside an app bar for instance.\n */\n children: _propTypes2.default.node,\n
/**\n * Applied to the app bar's root element.\n */\n className: _propTypes2.default.string,\n
/**\n * The
classname of the icon on the left of the app bar.\n * If you are using a stylesheet for your icons, enter the class
name for the icon to be used here.\n */\n iconClassNameLeft: _propTypes2.default.string,\n
/**\n * Similar to
the iconClassNameLeft prop except that\n * it applies to the icon displayed on the right of the app bar.\n */\n
iconClassNameRight: _propTypes2.default.string,\n
/**\n * The custom element to be displayed on the left side
of the\n * app bar such as an SvgIcon.\n */\n iconElementLeft: _propTypes2.default.element,\n
/**\n *
Similar to the iconElementLeft prop except that this element is displayed on the right of the app bar.\n */\n
iconElementRight: _propTypes2.default.element,\n
/**\n * Override the inline-styles of the element displayed
on the left side of the app bar.\n */\n iconStyleLeft: _propTypes2.default.object,\n
/**\n * Override the inline-
styles of the element displayed on the right side of the app bar.\n */\n iconStyleRight:
_propTypes2.default.object,\n
/**\n * Callback function for when the left icon is selected via a click.\n */\n
@param {object} event Click event targeting the left `IconButton`.\n */\n onLeftIconButtonClick:
_propTypes2.default.func,\n
/**\n * Callback function for when the right icon is selected via a click.\n */\n
@param {object} event Click event targeting the right `IconButton`.\n */\n onRightIconButtonClick:
_propTypes2.default.func,\n
/**\n * Callback function for when the title text is selected via a click.\n */\n
@param {object} event Click event targeting the `title` node.\n */\n onTitleClick: _propTypes2.default.func,\n
/**\n * Determines whether or not to display the Menu icon next to the title.\n * Setting this prop to false will
hide the icon.\n */\n showMenuIconButton: _propTypes2.default.bool,\n
/**\n * Override the inline-styles of
the root element.\n */\n style: _propTypes2.default.object,\n
/**\n * The title to display on the app bar.\n */\n
title: _propTypes2.default.node,\n
/**\n * Override the inline-styles of the app bar's title element.\n */\n
titleStyle: _propTypes2.default.object,\n
/**\n * The zIndex of the component.\n * The shadow of the app bar
is also dependent on this property.\n */\n zIndex: _propTypes4.default.zDepth\n} : {};\n\nexports.default =
AppBar;","module,exports = {\n  "default": require("../core-js/library/fn/object/assign"),\n  __esModule:
true\n};","require("../modules/es6.object.assign");\n\nmodule.exports =
require("../modules/_core").Object.assign;","// 19.1.3.1 Object.assign(target, source)\n\nvar $export =
require('./_export');\n\n$export($export.S + $export.F, 'Object', {\n  assign: require('./_object-
assign')\n});","module,exports = function (it) {\n  if (typeof it !== 'function') throw TypeError(it + ' is not a
function!');\n  return it;\n};","use strict";// 19.1.2.1 Object.assign(target, source, ...)\n\nvar getKeys =
require('./_object-keys');\n\nvar gOPS = require('./_object-gops');\n\nvar pIE = require('./_object-pie');\n\nvar
toObject = require('./_to-object');\n\nvar IObject = require('./_iobject');\n\nvar $assign = Object.assign; // should
work with symbols and should have deterministic property order (V8 bug)\n\nmodule.exports = !$assign ||
require('./_fails')(function () {\n  var A = {};\n  var B = {};\n  // eslint-disable-next-line no-undef\n  var S =
Symbol();\n  var K = 'abcdefghijklmnopqrst';\n  A[S] = 7;\n  K.split("").forEach(function (k) {\n    B[k] = k;\n  });\n  return $assign({}, A)[S] !== 7 || Object.keys($assign({}, B)).join("") !== K;\n}) ? function assign(target, source) {\n  //
eslint-disable-line no-unused-vars\n  var T = toObject(target);\n  var aLen = arguments.length;\n  var index = 1;\n  var
getSymbols = gOPS.f;\n  var isEnum = pIE.f;\n  while (aLen > index) {\n    var S =
IObject(arguments[index++]);\n    var keys = getSymbols ? getKeys(S).concat(getSymbols(S)) : getKeys(S);\n    var
length = keys.length;\n    var j = 0;\n    var key;\n    while (length > j) {\n      if (isEnum.call(S, key = keys[j++]))\n        T[key] = S[key];\n    }\n  }\n  return T;\n} : $assign;","// false -> Array#indexOf\n// true -> Array#includes\n\nvar

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toObject = require('./_to-object');\n\nvar toLength = require('./_to-length');\n\nvar toAbsoluteIndex = require('./_to-absolute-index');\n\nmodule.exports = function (IS_INCLUDES) {\n  return function ($this, el, fromIndex) {\n    var O = toObject($this);\n    var length = toLength(O.length);\n    var index = toAbsoluteIndex(fromIndex, length);\n    var value; // Array#includes uses SameValueZero equality algorithm\n    // eslint-disable-next-line no-self-compare\n\n    if (IS_INCLUDES && el !== el) while (length > index) {\n      value = O[index++]; // eslint-disable-next-line no-self-compare\n      if (value !== value) return true; // Array#indexOf ignores holes, Array#includes -\n    } else for (; length > index; index++) {\n      if (IS_INCLUDES || index in O) {\n        if (O[index] === el) return IS_INCLUDES || index > 0;\n      }\n    }\n    return !IS_INCLUDES && -1;\n  };}\n};\n\nvar toInteger = require('./_to-integer');\n\nvar max = Math.max;\nvar min = Math.min;\n\nmodule.exports = function (index, length) {\n  index = toInteger(index);\n  return index < 0 ? max(index + length, 0) : min(index, length);\n};\n\nrequire('./../modules/es6.object.keys');\n\nmodule.exports = require('./../modules/_core').Object.keys;\n\n// 19.1.2.14 Object.keys(O)\nvar toObject = require('./_to-object');\n\nvar $keys = require('./_object-keys');\n\nrequire('./_object-sap')('keys', function () {\n  return function keys(it) {\n    return $keys(toObject(it));\n  };}\n});\n\nrequire('./../modules/es6.object.get-prototype-of');\n\nmodule.exports = require('./../modules/_core').Object.getPrototypeOf;\n\n// 19.1.2.9 Object.getPrototypeOf(O)\nvar toObject = require('./_to-object');\n\nvar $getPrototypeOf = require('./_object-gpo');\n\nrequire('./_object-sap')('getPrototypeOf', function () {\n  return function getPrototypeOf(it) {\n    return $getPrototypeOf(toObject(it));\n  };}\n});\n\nrequire('./../modules/es6.object.define-property');\n\nvar $Object = require('./../modules/_core').Object;\n\nmodule.exports = function defineProperty(it, key, desc) {\n  return $Object.defineProperty(it, key, desc);\n};\n\nvar $export = require('./_export');\n\n// 19.1.2.4 / 15.2.3.6 Object.defineProperty(O, P, Attributes)\n\n$export($export.S + $export.F * !require('./_descriptors'), 'Object', {\n  defineProperty: require('./_object-dp').f}\n});\n\nmodule.exports = {\n  "default": require("core-js/library/fn/symbol/iterator"),\n  __esModule: true\n};\n\nrequire('./../modules/es6.string.iterator');\n\nrequire('./../modules/web.dom.iterable');\n\nmodule.exports = require('./../modules/_wks-ext').f('iterator');\n\nvar toInteger = require('./_to-integer');\n\nvar defined = require('./_defined');\n\n// true -> String#@at\n// false -> String#codePointAt\n\nmodule.exports = function (TO_STRING) {\n  return function (that, pos) {\n    var s = String(defined(that));\n    var i = toInteger(pos);\n    var l = s.length;\n    var a, b;\n    if (i < 0 || i >= l) return TO_STRING ? '' : undefined;\n    a = s.charCodeAt(i);\n    return a < 0xd800 || a > 0xdbff || i + 1 === l || (b = s.charCodeAt(i + 1)) < 0xdc00 || b > 0xdfff ? TO_STRING ? s.charAt(i) : a : TO_STRING ? s.slice(i, i + 2) : (a - 0xd800 << 10) + (b - 0xdc00) + 0x10000;\n  };}\n};\n\n'use strict';\n\nvar create = require('./_object-create');\n\nvar descriptor = require('./_property-desc');\n\nvar setToStringTag = require('./_set-to-string-tag');\n\nvar IteratorPrototype = {};\n\n// 25.1.2.1.1 %IteratorPrototype%\n\nrequire('./_hide')(IteratorPrototype, require('./_wks')('iterator'), function () {\n  return this;\n});\n\nmodule.exports = function (Constructor, NAME, next) {\n  Constructor.prototype = create(IteratorPrototype, {\n    next: descriptor(1, next)\n  });\n  setToStringTag(Constructor, NAME + ' Iterator');\n};\n\nvar dP = require('./_object-dp');\n\nvar anObject = require('./_an-object');\n\nvar getKeys = require('./_object-keys');\n\nmodule.exports = require('./_descriptors') ? Object.defineProperties : function defineProperties(O, Properties) {\n  anObject(O);\n  var keys = getKeys(Properties);\n  var length = keys.length;\n  var i = 0;\n  var P;\n  while (length > i) {\n    dP.f(O, P = keys[i++], Properties[P]);\n  }\n  return O;\n};\n\nvar document = require('./_global').document;\n\nmodule.exports = document && document.documentElement;\n\n'use strict';\n\nvar addToUnscopables = require('./_add-to-unscopables');\n\nvar step = require('./_iter-step');\n\nvar Iterators = require('./_iterators');\n\nvar toObject = require('./_to-object');\n\n// 22.1.3.4 Array.prototype.entries()\n// 22.1.3.13 Array.prototype.keys()\n// 22.1.3.29 Array.prototype.values()\n// 22.1.3.30 Array.prototype[@@iterator]()\n\nmodule.exports = require('./_iter-define')(Array, 'Array', function (iterated, kind) {\n  this._t = toObject(iterated); // target\n  this._i = 0; // next index\n  this._k = kind; // kind\n  // 22.1.5.2.1 %ArrayIteratorPrototype%.next()\n}, function () {\n  var O = this._t;\n  var kind = this._k;\n  var index = this._i++;\n  if (!O || index >= O.length) {\n    this._t = undefined;\n    return step(1);\n  }\n  if (kind === 'keys') return step(0, index);\n  if (kind === 'values') return step(0, O[index]);\n  return step(0, [index, O[index]]);\n},
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'values'); // argumentsList[ @@iterator] is %ArrayProto_values% (9.4.4.6, 9.4.4.7)\n\nIterators.Arguments =
Iterators.Array;\n\naddToUnscopables('keys');\n\naddToUnscopables('values');\n\naddToUnscopables('entries');\n\nmodule
.exports = function () {\n /* empty *\n};\n\nmodule.exports = function (done, value) {\n return {\n value: value,\n
done: !!done\n };}\n};\n\nmodule.exports = {\n \"default\": require(\"core-js/library/fn/symbol\"),\n __esModule:
true\n};\n\nrequire(\"../modules/es6.symbol\");\n\nrequire(\"../modules/es6.object.to-
string\");\n\nrequire(\"../modules/es7.symbol.async-
iterator\");\n\nrequire(\"../modules/es7.symbol.observable\");\n\nmodule.exports =
require(\"../modules/_core\").Symbol;\n\nuse strict; // ECMAScript 6 symbols shim\n\nvar global =
require(\"../_global\");\n\nvar has = require(\"../_has\");\n\nvar DESCRIPTORS = require(\"../_descriptors\");\n\nvar $export
= require(\"../_export\");\n\nvar redefine = require(\"../_redefine\");\n\nvar META = require(\"../_meta\").KEY;\n\nvar $fails
= require(\"../_fails\");\n\nvar shared = require(\"../_shared\");\n\nvar setToStringTag = require(\"../_set-to-string-
tag\");\n\nvar uid = require(\"../_uid\");\n\nvar wks = require(\"../_wks\");\n\nvar wksExt = require(\"../_wks-ext\");\n\nvar
wksDefine = require(\"../_wks-define\");\n\nvar enumKeys = require(\"../_enum-keys\");\n\nvar isArray = require(\"../_is-
array\");\n\nvar anObject = require(\"../_an-object\");\n\nvar isObject = require(\"../_is-object\");\n\nvar toObject =
require(\"../_to-iobject\");\n\nvar toPrimitive = require(\"../_to-primitive\");\n\nvar createDesc = require(\"../_property-
desc\");\n\nvar _create = require(\"../_object-create\");\n\nvar gOPNExt = require(\"../_object-gopn-ext\");\n\nvar $GOPD =
require(\"../_object-gopd\");\n\nvar $DP = require(\"../_object-dp\");\n\nvar $keys = require(\"../_object-keys\");\n\nvar gOPD
= $GOPD.f;\n\nvar dp = $DP.f;\n\nvar gOPN = gOPNExt.f;\n\nvar $Symbol = global.Symbol;\n\nvar $JSON =
global.JSON;\n\nvar _stringify = $JSON && $JSON.stringify;\n\nvar PROTOTYPE = 'prototype';\n\nvar HIDDEN =
wks('_hidden');\n\nvar TO_PRIMITIVE = wks('toPrimitive');\n\nvar isEnum = { }.propertyIsEnumerable;\n\nvar
SymbolRegistry = shared('symbol-registry');\n\nvar AllSymbols = shared('symbols');\n\nvar OPSymbols = shared('op-
symbols');\n\nvar ObjectProto = Object[PROTOTYPE];\n\nvar USE_NATIVE = typeof $Symbol === 'function';\n\nvar
QObject = global.QObject; // Don't use setters in Qt Script, https://github.com/zloirock/core-js/issues/173\n\nvar
setter = !QObject || !QObject[PROTOTYPE] || !QObject[PROTOTYPE].findChild; // fallback for old Android,
https://code.google.com/p/v8/issues/detail?id=687\n\nvar setSymbolDesc = DESCRIPTORS && $fails(function ()
{\n return _create(dp({ }, 'a', {\n get: function get() {\n return dp(this, 'a', {\n value: 7\n });\n }).a);\n })\n
}).a !== 7;\n\n}) ? function (it, key, D) {\n var protoDesc = gOPD(ObjectProto, key);\n if (protoDesc) delete
ObjectProto[key];\n dp(it, key, D);\n if (protoDesc && it !== ObjectProto) dp(ObjectProto, key, protoDesc);\n } :
dp;\n\nvar wrap = function wrap(tag) {\n var sym = AllSymbols[tag] = _create($Symbol[PROTOTYPE]);\n\nsym._k = tag;\n
return sym;\n};\n\nvar isSymbol = USE_NATIVE && typeof $Symbol.iterator === 'symbol' ?
function (it) {\n return typeof it === 'symbol';\n} : function (it) {\n return it instanceof $Symbol;\n};\n\nvar
$defineProperty = function defineProperty(it, key, D) {\n if (it === ObjectProto) $defineProperty(OPSymbols, key,
D);\n anObject(it);\n key = toPrimitive(key, true);\n anObject(D);\n\n if (has(AllSymbols, key)) {\n if
(!D.enumerable) {\n if (!has(it, HIDDEN)) dp(it, HIDDEN, createDesc(1, {}));\n it[HIDDEN][key] = true;\n
} else {\n if (has(it, HIDDEN) && it[HIDDEN][key]) it[HIDDEN][key] = false;\n D = _create(D, {\n
enumerable: createDesc(0, false)\n });\n }\n\n return setSymbolDesc(it, key, D);\n }\n\n return dp(it, key,
D);\n};\n\nvar $defineProperties = function defineProperties(it, P) {\n anObject(it);\n var keys = enumKeys(P =
toObject(P));\n var i = 0;\n var l = keys.length;\n var key;\n\n while (l > i) {\n $defineProperty(it, key =
keys[i++], P[key]);\n }\n\n return it;\n};\n\nvar $create = function create(it, P) {\n return P === undefined ?
_create(it) : $defineProperties(_create(it), P);\n};\n\nvar $propertyIsEnumerable = function
propertyIsEnumerable(key) {\n var E = isEnum.call(this, key = toPrimitive(key, true));\n if (this === ObjectProto
&& has(AllSymbols, key) && !has(OPSymbols, key)) return false;\n return E || !has(this, key) || !has(AllSymbols,
key) || has(this, HIDDEN) && this[HIDDEN][key] ? E : true;\n};\n\nvar $getOwnPropertyDescriptor = function
getOwnPropertyDescriptor(it, key) {\n it = toObject(it);\n key = toPrimitive(key, true);\n if (it === ObjectProto
&& has(AllSymbols, key) && !has(OPSymbols, key)) return;\n var D = gOPD(it, key);\n if (D &&
has(AllSymbols, key) && !(has(it, HIDDEN) && it[HIDDEN][key])) D.enumerable = true;\n return D;\n};\n\nvar
$getOwnPropertyNames = function getOwnPropertyNames(it) {\n var names = gOPN(toObject(it));\n var result =
[];\n var i = 0;\n var key;\n\n while (names.length > i) {\n if (!has(AllSymbols, key = names[i++]) && key !=

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HIDDEN && key != META) result.push(key);\n }\n\n return result;\n};\n\nvar $getOwnPropertySymbols =
function getOwnPropertySymbols(it) {\n var IS_OP = it === ObjectProto;\n var names = gOPN(IS_OP ?
OPSymbols : toIOObject(it));\n var result = [];\n var i = 0;\n var key;\n\n while (names.length > i) {\n if
(has(AllSymbols, key = names[i++]) && (IS_OP ? has(ObjectProto, key) : true)) result.push(AllSymbols[key]);\n
}\n\n return result;\n}; // 19.4.1.1 Symbol([description])\n\n\nif (!USE_NATIVE) {\n $Symbol = function
Symbol() {\n if (this instanceof $Symbol) throw TypeError('Symbol is not a constructor!');\n var tag =
uid(arguments.length > 0 ? arguments[0] : undefined);\n\n var $set = function $set(value) {\n if (this ===
ObjectProto) $set.call(OPSymbols, value);\n if (has(this, HIDDEN) && has(this[HIDDEN], tag))
this[HIDDEN][tag] = false;\n setSymbolDesc(this, tag, createDesc(1, value));\n }; \n\n if (DESCRIPTORS
&& setter) setSymbolDesc(ObjectProto, tag, {\n configurable: true,\n set: $set\n });\n return wrap(tag);\n
};\n\n redefine($Symbol[PROTOTYPE], 'toString', function toString() {\n return this._k;\n });\n $GOPD.f =
$getOwnPropertyDescriptor;\n $DP.f = $defineProperty;\n require('./_object-gopn').f = gOPNExt.f =
$getOwnPropertyNames;\n require('./_object-pie').f = $propertyIsEnumerable;\n require('./_object-gops').f =
$getOwnPropertySymbols;\n\n if (DESCRIPTORS && !require('./_library')) {\n redefine(ObjectProto,
'propertyIsEnumerable', $propertyIsEnumerable, true);\n }\n\n wksExt.f = function (name) {\n return
wrap(wks(name));\n }; \n\n\n$export($export.G + $export.W + $export.F * !USE_NATIVE, {\n Symbol:
$Symbol\n});\n\nfor (var es6Symbols = // 19.4.2.2, 19.4.2.3, 19.4.2.4, 19.4.2.6, 19.4.2.8, 19.4.2.9, 19.4.2.10,
19.4.2.11, 19.4.2.12, 19.4.2.13,
19.4.2.14\n\nhasInstance,isConcatSpreadable,iterator,match,replace,search,species,split,toPrimitive,toStringTag,unsc
opables'.split(','), j = 0; es6Symbols.length > j; ) {\n wks(es6Symbols[j++]);\n }\n\nfor (var wellKnownSymbols =
$keys(wks.store), k = 0; wellKnownSymbols.length > k; ) {\n
wksDefine(wellKnownSymbols[k++]);\n }\n\n$export($export.S + $export.F * !USE_NATIVE, 'Symbol', {\n //
19.4.2.1 Symbol.for(key)\n 'for': function _for(key) {\n return has(SymbolRegistry, key += ") ?
SymbolRegistry[key] : SymbolRegistry[key] = $Symbol(key);\n },\n // 19.4.2.5 Symbol.keyFor(sym)\n keyFor:
function keyFor(sym) {\n if (!isSymbol(sym)) throw TypeError(sym + ' is not a symbol!');\n\n for (var key in
SymbolRegistry) {\n if (SymbolRegistry[key] === sym) return key;\n }\n },\n useSetter: function useSetter()
{\n setter = true;\n },\n useSimple: function useSimple() {\n setter = false;\n }\n});\n\n$export($export.S +
$export.F * !USE_NATIVE, 'Object', {\n // 19.1.2.2 Object.create(O [, Properties])\n create: $create,\n // 19.1.2.4
Object.defineProperty(O, P, Attributes)\n defineProperty: $defineProperty,\n // 19.1.2.3 Object.defineProperties(O,
Properties)\n defineProperties: $defineProperties,\n // 19.1.2.6 Object.getOwnPropertyDescriptor(O, P)\n
getOwnPropertyDescriptor: $getOwnPropertyDescriptor,\n // 19.1.2.7 Object.getOwnPropertyDescriptor(O)\n
getOwnPropertyNames: $getOwnPropertyNames,\n // 19.1.2.8 Object.getOwnPropertySymbols(O)\n
getOwnPropertySymbols: $getOwnPropertySymbols\n});\n\n// 24.3.2 JSON.stringify(value [, replacer [,
space]])\n\n$JSON && $export($export.S + $export.F * (!USE_NATIVE || $fails(function () {\n var S =
$Symbol();\n\n // MS Edge converts symbol values to JSON as {} \n\n // WebKit converts symbol values to JSON as
null\n\n // V8 throws on boxed symbols\n\n return !_stringify([S]) != '[null]' || !_stringify({\n a: S\n }) != '{} ' ||
_stringify(Object(S)) != '{}';\n})), 'JSON', {\n stringify: function stringify(it) {\n var args = [it];\n var i = 1;\n
var replacer, $replacer;\n\n while (arguments.length > i) {\n args.push(arguments[i++]);\n }\n\n $replacer =
replacer = args[1];\n if (!isObject(replacer) && it === undefined || isSymbol(it)) return; // IE8 returns string on
undefined\n\n if (!isArray(replacer)) replacer = function replacer(key, value) {\n if (typeof $replacer ==
'function') value = $replacer.call(this, key, value);\n if (!isSymbol(value)) return value;\n }; \n\n args[1] =
replacer;\n return !_stringify.apply($JSON, args);\n }\n});\n\n// 19.4.3.4
Symbol.prototype[@@toPrimitive](hint)\n\n\n$Symbol[PROTOTYPE][TO_PRIMITIVE] ||
require('./_hide')($Symbol[PROTOTYPE], TO_PRIMITIVE, $Symbol[PROTOTYPE].valueOf);\n\n// 19.4.3.5
Symbol.prototype[@@toStringTag]\n\n\nsetToStringTag($Symbol, 'Symbol');\n\n// 20.2.1.9
Math[@@toStringTag]\n\n\nsetToStringTag(Math, 'Math', true);\n\n// 24.3.3
JSON[@@toStringTag]\n\n\nsetToStringTag(global.JSON, 'JSON', true);\n\n\nvar META =
require('./_uid')('meta');\n\n\nvar isObject = require('./_is-object');\n\n\nvar has = require('./_has');\n\n\nvar setDesc =

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require('./_object-dp').f;\n\nvar id = 0;\n\nvar isExtensible = Object.isExtensible || function () {\n  return
true;\n};\n\nvar FREEZE = !require('./_fails')(function () {\n  return
isExtensible(Object.preventExtensions({}));\n});\n\nvar setMeta = function setMeta(it) {\n  setDesc(it, META, {\n
value: {\n  i: 'O' + ++id,\n  // object ID\n  w: {} // weak collections IDs\n  }\n });\n};\n\nvar fastKey =
function fastKey(it, create) {\n  // return primitive with prefix\n  if (!isObject(it)) return typeof it === 'symbol' ? it :
(typeof it === 'string' ? 'S' : 'P') + it;\n\n  if (!has(it, META)) {\n    // can't set metadata to uncaught frozen object\n    if
(!isExtensible(it)) return 'F'; // not necessary to add metadata\n    if (!create) return 'E'; // add missing metadata\n    setMeta(it); // return object ID\n  }\n\n  return it[META].i;\n};\n\nvar getWeak = function getWeak(it, create) {\n  if
(!has(it, META)) {\n    // can't set metadata to uncaught frozen object\n    if (!isExtensible(it)) return true; // not
necessary to add metadata\n    if (!create) return false; // add missing metadata\n    setMeta(it); // return hash
weak collections IDs\n  }\n\n  return it[META].w;\n};\n\n// add metadata on freeze-family methods calling\n\nvar
onFreeze = function onFreeze(it) {\n  if (FREEZE && meta.NEED && isExtensible(it) && !has(it, META))
setMeta(it);\n  return it;\n};\n\nvar meta = module.exports = {\n  KEY: META,\n  NEED: false,\n  fastKey:
fastKey,\n  getWeak: getWeak,\n  onFreeze: onFreeze\n};\n\n// all enumerable object keys, includes symbols\n\nvar
getKeys = require('./_object-keys');\n\nvar gOPS = require('./_object-gops');\n\nvar pIE = require('./_object-
pie');\n\nmodule.exports = function (it) {\n  var result = getKeys(it);\n  var getSymbols = gOPS.f;\n\n  if
(getSymbols) {\n    var symbols = getSymbols(it);\n    var isEnum = pIE.f;\n    var i = 0;\n    var key;\n\n    while
(symbols.length > i) {\n      if (isEnum.call(it, key = symbols[i++])) result.push(key);\n    }\n  }\n\n  return
result;\n};\n\n// 7.2.2 IsArray(argument)\n\nvar cof = require('./_cof');\n\nmodule.exports = Array.isArray || function
isArray(arg) {\n  return cof(arg) === 'Array';\n};\n\n// fallback for IE11 buggy Object.getOwnPropertyNames with
iframe and window\n\nvar toObject = require('./_to-iobject');\n\nvar gOPN = require('./_object-gopn').f;\n\nvar
toString = {}.toString;\n\nvar windowNames = typeof window === 'object' && window &&
Object.getOwnPropertyNames ? Object.getOwnPropertyNames(window) : [];\n\nvar getWindowNames = function
getWindowNames(it) {\n  try {\n    return gOPN(it);\n  } catch (e) {\n    return windowNames.slice();\n  }\n};\n\nmodule.exports.f = function getOwnPropertyNames(it) {\n  return windowNames && toString.call(it) ===
'object Window' ? getWindowNames(it) : gOPN(toObject(it));\n};\n\n// require('./_wks-
define')('asyncIterator');\n\n// require('./_wks-define')('observable');\n\nmodule.exports = {\n  \"default\": require(\"core-
js/library/fn/object/set-prototype-of\"),\n  __esModule: true\n};\n\n// require('./../modules/es6.object.set-prototype-
of');\n\nmodule.exports = require('./../modules/_core').Object.setPrototypeOf;\n\n// 19.1.3.19
Object.setPrototypeOf(O, proto)\n\nvar $export = require('./_export');\n\n$export($export.S, 'Object', {\n
setPrototypeOf: require('./_set-proto').set\n});\n\n// Works with __proto__ only. Old v8 can't work with null proto
objects.\n\n/* eslint-disable no-proto */\n\nvar isObject = require('./_is-object');\n\nvar anObject = require('./_an-
object');\n\nvar check = function check(O, proto) {\n  anObject(O);\n  if (!isObject(proto) && proto !== null) throw
TypeError(proto + '\\: can't set as prototype!');\n};\n\nmodule.exports = {\n  set: Object.setPrototypeOf ||
('__proto__' in {} ? // eslint-disable-line\n  function (test, buggy, set) {\n    try {\n      set =
require('./_ctx')(Function.call, require('./_object-gopd').f(Object.prototype, '__proto__').set, 2);\n      set(test, []);\n
buggy = !(test instanceof Array);\n    } catch (e) {\n      buggy = true;\n    }\n\n    return function setPrototypeOf(O,
proto) {\n      check(O, proto);\n      if (buggy) O.__proto__ = proto; else set(O, proto);\n      return O;\n    }; \n  }
({}, false) : undefined),\n  check: check\n};\n\nmodule.exports = {\n  \"default\": require(\"core-
js/library/fn/object/create\"),\n  __esModule: true\n};\n\n// require('./../modules/es6.object.create');\n\nvar $Object =
require('./../modules/_core').Object;\n\nmodule.exports = function create(P, D) {\n  return $Object.create(P,
D);\n};\n\n// var $export = require('./_export');\n\n// 19.1.2.2 / 15.2.3.5 Object.create(O [,
Properties])\n\n$export($export.S, 'Object', {\n  create: require('./_object-create')\n});\n\n// use
strict;\n\nObject.defineProperty(exports, '__esModule', {\n  value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =

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_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _transitions = require('./styles/transitions');\n\nvar
_transitions2 = _interopRequireDefault(_transitions);\n\nvar _propTypes3 = require('./utils/propTypes');\n\nvar
_propTypes4 = _interopRequireDefault(_propTypes3);\n\nvar _EnhancedButton =
require('./internal/EnhancedButton');\n\nvar _EnhancedButton2 =
_interopRequireDefault(_EnhancedButton);\n\nvar _FontIcon = require('./FontIcon');\n\nvar _FontIcon2 =
_interopRequireDefault(_FontIcon);\n\nvar _Tooltip = require('./internal/Tooltip');\n\nvar _Tooltip2 =
_interopRequireDefault(_Tooltip);\n\nvar _childUtils = require('./utils/childUtils');\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction
getStyles(props, context) {\n  var baseTheme = context.muiTheme.baseTheme;\n  return {\n    root: {\n
      boxSizing: 'border-box',\n      overflow: 'visible',\n      transition: _transitions2.default.easeOut(),\n      padding:
      baseTheme.spacing.iconSize / 2,\n      width: baseTheme.spacing.iconSize * 2,\n      height:
      baseTheme.spacing.iconSize * 2,\n      fontSize: 0\n    },\n    tooltip: {\n      boxSizing: 'border-box'\n    },\n
    disabled: {\n      color: baseTheme.palette.disabledColor,\n      fill: baseTheme.palette.disabledColor,\n      cursor:
      'default'\n    }\n  };\n}\n\nvar IconButton = function (_Component) {\n  (0, _inherits3.default)(IconButton,
  _Component);\n\n  function IconButton() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0,
    _classCallCheck3.default)(this, IconButton);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0;
    _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0,
    _possibleConstructorReturn3.default)(this, (_ref = IconButton.__proto__ || (0,
    _getPrototypeOf2.default)(IconButton)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n      hovered:
      false,\n      isKeyboardFocused: false,\n      // Not to be confounded with the touch property.\n      // This state is to
      determined if it's a mobile device.\n      touch: false,\n      tooltipShown: false\n    }, _this.handleBlur = function
      (event) {\n        _this.hideTooltip();\n\n        if (_this.props.onBlur) {\n          _this.props.onBlur(event);\n        }
      },\n      _this.handleFocus = function (event) {\n        _this.showTooltip();\n\n        if (_this.props.onFocus) {\n
          _this.props.onFocus(event);\n        }\n      },\n      _this.handleMouseLeave = function (event) {\n        if
        (!_this.button.isKeyboardFocused()) {\n          _this.hideTooltip();\n        }\n\n        _this.setState({\n          hovered:
          false\n        });\n\n        if (_this.props.onMouseLeave) {\n          _this.props.onMouseLeave(event);\n        }\n      },
      _this.handleMouseOut = function (event) {\n        if (_this.props.disabled) _this.hideTooltip();\n        if
        (_this.props.onMouseOut) _this.props.onMouseOut(event);\n      },\n      _this.handleMouseEnter = function (event) {\n
        _this.showTooltip();\n        // Cancel hover styles for touch devices\n\n        if (!_this.state.touch) {\n
          _this.setState({\n            hovered: true\n          });\n        }\n\n        if (_this.props.onMouseEnter) {\n
          _this.props.onMouseEnter(event);\n        }\n      },\n      _this.handleTouchStart = function (event) {\n        _this.setState({\n
          touch: true\n        });\n\n        if (_this.props.onTouchStart) {\n          _this.props.onTouchStart(event);\n        }
      },\n      _this.handleKeyboardFocus = function (event, isKeyboardFocused) {\n        var _this$props = _this.props,\n
        disabled = _this$props.disabled,\n        onFocus = _this$props.onFocus,\n        onBlur = _this$props.onBlur,\n
        onKeyboardFocus = _this$props.onKeyboardFocus;\n\n        if (isKeyboardFocused && !disabled) {\n
          _this.showTooltip();\n\n          if (onFocus) {\n            onFocus(event);\n          }\n        } else {\n
          _this.hideTooltip();\n\n          if (onBlur) {\n            onBlur(event);\n          }\n        }\n\n        _this.setState({\n
          isKeyboardFocused: isKeyboardFocused\n        });\n\n        if (onKeyboardFocus) {\n          onKeyboardFocus(event,
          isKeyboardFocused);\n        }\n      }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n    }\n\n    (0,

```

```

_createClass3.default)(IconButton, [{\n  key: 'componentWillReceiveProps',\n  value: function
componentWillReceiveProps(nextProps) {\n    if (nextProps.disabled) {\n      this.setState({\n        hovered:
false\n      });\n    }\n  }}, {\n  key: 'setKeyboardFocus',\n  value: function setKeyboardFocus() {\n
this.button.setKeyboardFocus();\n  }}, {\n  key: 'showTooltip',\n  value: function showTooltip() {\n    if
(this.props.tooltip) {\n      this.setState({\n        tooltipShown: true\n      });\n    }\n  }}, {\n  key:
'hideTooltip',\n  value: function hideTooltip() {\n    if (this.props.tooltip) this.setState({\n      tooltipShown:
false\n    });\n  }}, {\n  key: 'render',\n  value: function render() {\n    var _this2 = this;\n    var _props =
this.props,\n      disabled = _props.disabled,\n      hoveredStyle = _props.hoveredStyle,\n      disableTouchRipple = _props.disableTouchRipple,\n      children = _props.children,\n      iconClassName =
_props.iconClassName,\n      style = _props.style,\n      tooltip = _props.tooltip,\n      tooltipPositionProp =
_props.tooltipPosition,\n      tooltipStyles = _props.tooltipStyles,\n      touch = _props.touch,\n      iconStyle =
_props.iconStyle,\n      other = (0, _objectWithoutProperties3.default)(_props, ['disabled', 'hoveredStyle',
'disableTouchRipple', 'children', 'iconClassName', 'style', 'tooltip', 'tooltipPosition', 'tooltipStyles', 'touch',
'iconStyle']);\n    var fonticon = void 0;\n    var styles = getStyles(this.props, this.context);\n    var tooltipPosition
= tooltipPositionProp.split('-');\n    var hovered = (this.state.hovered || this.state.isKeyboardFocused) &&
!disabled;\n    var mergedRootStyles = (0, _simpleAssign2.default)(styles.root, style, hovered ? hoveredStyle :
{});\n    var tooltipElement = tooltip ? _react2.default.createElement(_Tooltip2.default, {\n      label: tooltip,\n
show: this.state.tooltipShown,\n      touch: touch,\n      style: (0, _simpleAssign2.default)(styles.tooltip,
tooltipStyles),\n      verticalPosition: tooltipPosition[0],\n      horizontalPosition: tooltipPosition[1]\n    }) :
null;\n    if (iconClassName) {\n      var iconHoverColor = iconStyle.iconHoverColor,\n      iconStyleFontIcon = (0, _objectWithoutProperties3.default)(iconStyle, ['iconHoverColor']);\n      fonticon =
_react2.default.createElement(_FontIcon2.default, {\n        className: iconClassName,\n        hoverColor:
disabled ? null : iconHoverColor,\n        style: (0, _simpleAssign2.default)({}, disabled && styles.disabled,
iconStyleFontIcon),\n        color: this.context.muiTheme.baseTheme.palette.textColor\n      }, children);\n    }\n    var childrenStyle = disabled ? (0, _simpleAssign2.default)({}, iconStyle, styles.disabled) : iconStyle;\n    return
_react2.default.createElement(_EnhancedButton2.default, (0, _extends3.default)({\n      ref: function ref(_ref2) {\n
return _this2.button = _ref2;\n      }\n    }, other, {\n      centerRipple: true,\n      disabled: disabled,\n
onTouchStart: this.handleTouchStart,\n      style: mergedRootStyles,\n      disableTouchRipple:
disableTouchRipple,\n      onBlur: this.handleBlur,\n      onFocus: this.handleFocus,\n      onMouseLeave:
this.handleMouseLeave,\n      onMouseEnter: this.handleMouseEnter,\n      onMouseOut: this.handleMouseOut,\n
onKeyboardFocus: this.handleKeyboardFocus\n    }), tooltipElement, fonticon, (0,
_childUtils.extendChildren)(children, {\n      style: childrenStyle\n    }));\n  }]);\n  return
IconButton;\n})(_react.Component);\n\nIconButton.muiName = 'IconButton';\n\nIconButton.defaultProps = {\n
disabled: false,\n  disableTouchRipple: false,\n  iconStyle: {},\n  tooltipPosition: 'bottom-center',\n  touch:
false\n};\n\nIconButton.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nIconButton.propTypes = process.env.NODE_ENV !== "production" ?
{\n  /**\n   * Can be used to pass a `FontIcon` element as the icon for the button.\n   */\n  children:
_propTypes2.default.node,\n  /**\n   * The CSS class name of the root element.\n   */\n  className:
_propTypes2.default.string,\n  /**\n   * If true, the element's ripple effect will be disabled.\n   */\n
disableTouchRipple: _propTypes2.default.bool,\n  /**\n   * If true, the element will be disabled.\n   */\n
disabled: _propTypes2.default.bool,\n  /**\n   * Override the inline-styles of the root element when the component is
hovered.\n   */\n  hoveredStyle: _propTypes2.default.object,\n  /**\n   * The URL to link to when the button is
clicked.\n   */\n  href: _propTypes2.default.string,\n  /**\n   * The CSS class name of the icon. Used for setting the
icon with a stylesheet.\n   */\n  iconClassName: _propTypes2.default.string,\n  /**\n   * Override the inline-styles
of the icon element.\n   * Note: you can specify iconHoverColor as a String inside this object.\n   */\n  iconStyle:
_propTypes2.default.object,\n  /** @ignore */\n  onBlur: _propTypes2.default.func,\n  /**\n   * Callback
function fired when the button is clicked.\n   */\n  onClick: _propTypes2.default.func,\n  /** @ignore */\n  onFocus: _propTypes2.default.func,\n  /**\n   *

```

Callback function fired when the element is focused or blurred by the keyboard.

- `* @param {object} event`focus` or `blur` event targeting the element.`
- `* @param {boolean} keyboardFocused` Indicates whether the element is focused.
- `* ^\n onKeyboardFocus: _propTypes2.default.func,\n\n /** @ignore * ^\n onMouseEnter: _propTypes2.default.func,\n\n /** @ignore * ^\n onMouseLeave: _propTypes2.default.func,\n\n /** @ignore * ^\n onMouseOut: _propTypes2.default.func,\n\n /** @ignore * ^\n onTouchStart: _propTypes2.default.func,\n\n /**\n * Override the inline-styles of the root element.`
- `* ^\n style: _propTypes2.default.object,\n\n /**\n * The text to supply to the element's tooltip.`
- `* ^\n tooltip: _propTypes2.default.node,\n\n /**\n * The vertical and horizontal positions, respectively, of the element's tooltip.`
- `* Possible values are: `bottom-center`, `top-center`, `bottom-right`, `top-right`,\n * `bottom-left`, and `top-left`.`
- `* ^\n tooltipPosition: _propTypes4.default.cornersAndCenter,\n\n /**\n * Override the inline-styles of the tooltip element.`
- `* ^\n tooltipStyles: _propTypes2.default.object,\n\n /**\n * If true, increase the tooltip element's size. Useful for increasing tooltip\n * readability on mobile devices.`
- `* ^\n touch: _propTypes2.default.bool\n } :`

```
{};\nexports.default = IconButton;","/**\n * Copyright (c) 2013-present, Facebook, Inc.\n *\n * This source code is licensed under the MIT license found in the\n * LICENSE file in the root directory of this source tree.\n *\n * @typechecks\n *\n * ^\n\n/*eslint-disable no-self-compare *\n'use strict';\n\nvar hasOwnProperty = Object.prototype.hasOwnProperty;\n/**\n * inlined Object.is polyfill to avoid requiring consumers ship their own\n *\n * https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Object/is\n *\n\nfunction is(x, y) {\n // SameValue algorithm\n if (x === y) {\n // Steps 1-5, 7-10\n // Steps 6.b-6.e: +0 != -0\n // Added the nonzero y check to make Flow happy, but it is redundant\n return x !== 0 || y !== 0 || 1 / x === 1 / y;\n } else {\n // Step 6.a: NaN == NaN\n return x !== x && y !== y;\n }\n}\n\n/**\n * Performs equality by iterating through keys on an object and returning false\n * when any key has values which are not strictly equal between the arguments.\n * Returns true when the values of all keys are strictly equal.\n *\n\nfunction shallowEqual(objA, objB) {\n if (is(objA, objB)) {\n return true;\n }\n\n if (typeof objA !== 'object' || objA === null || typeof objB !== 'object' || objB === null) {\n return false;\n }\n\n var keysA = Object.keys(objA);\n var keysB = Object.keys(objB);\n\n if (keysA.length !== keysB.length) {\n return false;\n } // Test for A's keys different from B.\n\n for (var i = 0; i < keysA.length; i++) {\n if (!hasOwnProperty.call(objB, keysA[i]) || !is(objA[keysA[i]], objB[keysA[i]])) {\n return false;\n }\n }\n\n return true;\n}\n\nmodule.exports = shallowEqual;","use strict';\n\nObject.defineProperty(exports, '__esModule', {\n value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\nvar _extends3 = _interopRequireDefault(_extends2);\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\nvar _createClass2 = require('babel-runtime/helpers/createClass');\nvar _createClass3 = _interopRequireDefault(_createClass2);\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\nvar _inherits2 = require('babel-runtime/helpers/inherits');\nvar _inherits3 = _interopRequireDefault(_inherits2);\nvar _simpleAssign = require('simple-assign');\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\nvar _react = require('react');\nvar _react2 = _interopRequireDefault(_react);\nvar _propTypes = require('prop-types');\nvar _propTypes2 = _interopRequireDefault(_propTypes);\nvar _TransitionGroup = require('react-transition-group/TransitionGroup');\nvar _TransitionGroup2 = _interopRequireDefault(_TransitionGroup);\nvar _ScaleInChild = require('./ScaleInChild');\nvar _ScaleInChild2 = _interopRequireDefault(_ScaleInChild);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nvar ScaleIn = function (_Component) {\n (0, _inherits3.default)(ScaleIn, _Component);\n\n function ScaleIn() {\n (0, _classCallCheck3.default)(this, ScaleIn);\n return (0, _possibleConstructorReturn3.default)(this, (ScaleIn.__proto__ || (0,
```



```

_getPrototypeOf2.default)(ScaleIn)).apply(this, arguments);\n }\n\n (0, _createClass3.default)(ScaleIn, [{\n key:
'render',\n value: function render() {\n var _props = this.props,\n children = _props.children,\n
childStyle = _props.childStyle,\n enterDelay = _props.enterDelay,\n maxScale = _props.maxScale,\n
minScale = _props.minScale,\n style = _props.style,\n other = (0,
_objectWithoutProperties3.default)(_props, ['children', 'childStyle', 'enterDelay', 'maxScale', 'minScale', 'style']);\n
var prepareStyles = this.context.muiTheme.prepareStyles;\n var mergedRootStyles = (0,
_simpleAssign2.default)({}, {\n position: 'relative',\n height: '100%\n }, style);\n\n var newChildren
= _react2.default.Children.map(children, function (child) {\n return
_react2.default.createElement(_ScaleInChild2.default, {\n key: child.key,\n enterDelay: enterDelay,\n
maxScale: maxScale,\n minScale: minScale,\n style: childStyle\n }, child);\n });\n\n return
_react2.default.createElement(_TransitionGroup2.default, (0, _extends3.default)({}, other, {\n style:
prepareStyles(mergedRootStyles),\n component: 'div\n }, newChildren);\n }\n });\n return
ScaleIn;\n})(_react.Component);\n\nScaleIn.defaultProps = {\n enterDelay: 0\n};\nScaleIn.contextTypes = {\n
muiTheme: _propTypes2.default.object.isRequired\n};\nScaleIn.propTypes = process.env.NODE_ENV !==
'production' ? {\n childStyle: _propTypes2.default.object,\n children: _propTypes2.default.node,\n enterDelay:
_propTypes2.default.number,\n maxScale: _propTypes2.default.number,\n minScale:
_propTypes2.default.number,\n\n /**\n * Override the inline-styles of the root element.\n */\n style:
_propTypes2.default.object\n } : {};\n\nexports.default = ScaleIn;" , "module.exports = function chain() {\n var len =
arguments.length;\n var args = [];\n\n for (var i = 0; i < len; i++) {\n args[i] = arguments[i];\n }\n\n args =
args.filter(function (fn) {\n return fn != null;\n });\n\n if (args.length === 0) return undefined;\n if (args.length ===
1) return args[0];\n return args.reduce(function (current, next) {\n return function chainedFunction() {\n
current.apply(this, arguments);\n next.apply(this, arguments);\n }; \n });\n };","use
strict";\n\n\nexports.__esModule = true;\n\nexports.getChildMapping =
getChildMapping;\n\nexports.mergeChildMappings = mergeChildMappings;\n\nvar _react = require('react');\n\n/**\n *
Given `this.props.children`, return an object mapping key to child.\n\n * @param {*} children
`this.props.children`\n\n * @return {object} Mapping of key to child\n\n */\n\nfunction getChildMapping(children)
{\n if (!children) {\n return children;\n }\n\n var result = {};\n\n _react.Children.map(children, function (child)
{\n return child;\n }).forEach(function (child) {\n result[child.key] = child;\n });\n\n return result;\n }\n\n/**\n *
When you're adding or removing children some may be added or removed in the\n\n * same render pass. We want to
show *both* since we want to simultaneously\n\n * animate elements in and out. This function takes a previous set of
keys\n\n * and a new set of keys and merges them with its best guess of the correct\n\n * ordering. In the future we may
expose some of the utilities in\n\n * ReactMultiChild to make this easy, but for now React itself does not\n\n * directly
have this concept of the union of prevChildren and nextChildren\n\n * so we implement it here.\n\n */\n\n * @param
{object} prev prev children as returned from\n\n * `ReactTransitionChildMapping.getChildMapping()`. \n\n * @param
{object} next next children as returned from\n\n * `ReactTransitionChildMapping.getChildMapping()`. \n\n * @return
{object} a key set that contains all keys in `prev` and all keys\n\n * in `next` in a reasonable order.\n\n */\n\nfunction
mergeChildMappings(prev, next) {\n prev = prev || {};\n next = next || {};\n\n function getValueForKey(key) {\n
if (next.hasOwnProperty(key)) {\n return next[key];\n }\n\n return prev[key];\n } // For each key of `next`,
the list of keys to insert before that key in\n\n // the combined list\n\n\n var nextKeysPending = {};\n var
pendingKeys = [];\n\n for (var prevKey in prev) {\n if (next.hasOwnProperty(prevKey)) {\n if
(pendingKeys.length) {\n nextKeysPending[prevKey] = pendingKeys;\n pendingKeys = [];\n }\n }
else {\n pendingKeys.push(prevKey);\n }\n }\n\n var i = void 0;\n var childMapping = {};\n\n for (var
nextKey in next) {\n if (nextKeysPending.hasOwnProperty(nextKey)) {\n for (i = 0; i <
nextKeysPending[nextKey].length; i++) {\n var pendingNextKey = nextKeysPending[nextKey][i];\n
childMapping[nextKeysPending[nextKey][i]] = getValueForKey(pendingNextKey);\n }\n }\n\n childMapping[nextKey] =
getValueForKey(nextKey);\n } // Finally, add the keys which didn't appear before any
key in `next`\n\n\n for (i = 0; i < pendingKeys.length; i++) {\n childMapping[pendingKeys[i]] =
getValueForKey(pendingKeys[i]);\n }\n\n return childMapping;\n }","use strict";\n\nObject.defineProperty(exports,

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\"__esModule\", {\n value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactDom = require('react-dom');\n\nvar _reactDom2 = _interopRequireDefault(_reactDom);\n\nvar _autoPrefix = require('../utils/autoPrefix');\n\nvar _autoPrefix2 = _interopRequireDefault(_autoPrefix);\n\nvar _transitions = require('../styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nvar ScaleInChild = function (_Component) {\n (0, _inherits3.default)(ScaleInChild, _Component);\n\n function ScaleInChild()\n (0, _classCallCheck3.default)(this, ScaleInChild);\n\n return (0, _possibleConstructorReturn3.default)(this, (ScaleInChild.__proto__ || (0, _getPrototypeOf2.default)(ScaleInChild)).apply(this, arguments));\n }\n\n (0, _createClass3.default)(ScaleInChild, [{\n key: 'componentWillUnmount',\n value: function componentWillUnmount() {\n clearTimeout(this.enterTimer);\n clearTimeout(this.leaveTimer);\n }\n }, {\n key: 'componentWillAppear',\n value: function componentWillAppear(callback) {\n this.initializeAnimation(callback);\n }\n }, {\n key: 'componentWillEnter',\n value: function componentWillEnter(callback) {\n this.initializeAnimation(callback);\n }\n }, {\n key: 'componentDidAppear',\n value: function componentDidAppear() {\n this.animate();\n }\n }, {\n key: 'componentDidEnter',\n value: function componentDidEnter() {\n this.animate();\n }\n }, {\n key: 'componentWillLeave',\n value: function componentWillLeave(callback) {\n var style = _reactDom2.default.findDOMNode(this).style;\n\n style.opacity = '0';\n\n _autoPrefix2.default.set(style, 'transform', 'scale(' + this.props.minScale + ')');\n\n this.leaveTimer = setTimeout(callback, 450);\n }\n }, {\n key: 'animate',\n value: function animate() {\n var style = _reactDom2.default.findDOMNode(this).style;\n\n style.opacity = '1';\n\n _autoPrefix2.default.set(style, 'transform', 'scale(' + this.props.maxScale + ')');\n }\n }, {\n key: 'initializeAnimation',\n value: function initializeAnimation(callback) {\n var style = _reactDom2.default.findDOMNode(this).style;\n\n style.opacity = '0';\n\n _autoPrefix2.default.set(style, 'transform', 'scale(0)');\n\n this.enterTimer = setTimeout(callback, this.props.enterDelay);\n }\n }, {\n key: 'render',\n value: function render() {\n var _props = this.props,\n children = _props.children,\n enterDelay = _props.enterDelay,\n maxScale = _props.maxScale,\n minScale = _props.minScale,\n style = _props.style,\n other = (0, _objectWithoutProperties3.default)(_props, ['children', 'enterDelay', 'maxScale', 'minScale', 'style']);\n\n var prepareStyles = this.context.muiTheme.prepareStyles;\n\n var mergedRootStyles = (0, _simpleAssign2.default)({, {\n position: 'absolute',\n height: '100%',\n width: '100%',\n top: 0,\n left: 0,\n transition: _transitions2.default.easeOut(null, ['transform', 'opacity'])\n }, style);\n\n return _react2.default.createElement('div', (0, _extends3.default)({, other, {\n style: prepareStyles(mergedRootStyles)\n }, children);\n }\n }]);\n\n return ScaleInChild;\n }(_react.Component);\n\n\nScaleInChild.defaultProps = {\n enterDelay: 0,\n maxScale: 1,\n minScale: 0\n};\n\nScaleInChild.contextTypes = {\n muiTheme: _propTypes2.default.object.isRequired\n};\n\nScaleInChild.propTypes = process.env.NODE_ENV !== \"production\"

```

```

? {\n children: _propTypes2.default.node,\n enterDelay: _propTypes2.default.number,\n maxScale:
_propTypes2.default.number,\n minScale: _propTypes2.default.number,\n style: _propTypes2.default.object\n} :
{};\nexports.default =
ScaleInChild;","require('./../modules/es6.string.iterator');\n\nrequire('./../modules/es6.array.from');\n\nmodule.exports
ts = require('./../modules/_core').Array.from;","use strict";\n\nvar ctx = require('./_ctx');\n\nvar $export =
require('./_export');\n\nvar toObject = require('./_to-object');\n\nvar call = require('./_iter-call');\n\nvar isArrayIter =
require('./_is-array-iter');\n\nvar toLength = require('./_to-length');\n\nvar createProperty = require('./_create-
property');\n\nvar getIterFn = require('./core.get-iterator-method');\n\n$export($export.S + $export.F *
!require('./_iter-detect')(function (iter) {\n Array.from(iter);\n}), 'Array', {\n // 22.1.2.1 Array.from(arrayLike,
mapfn = undefined, thisArg = undefined)\n from: function from(arrayLike\n /*, mapfn = undefined, thisArg =
undefined *\n ) {\n var O = toObject(arrayLike);\n var C = typeof this === 'function' ? this : Array;\n var aLen
= arguments.length;\n var mapfn = aLen > 1 ? arguments[1] : undefined;\n var mapping = mapfn !==
undefined;\n var index = 0;\n var iterFn = getIterFn(O);\n var length, result, step, iterator;\n if (mapping)
mapfn = ctx(mapfn, aLen > 2 ? arguments[2] : undefined, 2); // if object isn't iterable or it's array with default
iterator - use simple case\n\n if (iterFn !== undefined && !(C == Array && isArrayIter(iterFn))) {\n for (iterator
= iterFn.call(O), result = new C(); !(step = iterator.next()).done; index++) {\n createProperty(result, index,
mapping ? call(iterator, mapfn, [step.value, index], true) : step.value);\n } } else {\n length =
toLength(O.length);\n\n for (result = new C(length); length > index; index++) {\n createProperty(result,
index, mapping ? mapfn(O[index], index) : O[index]);\n } }\n\n result.length = index;\n return result;\n
}\n});","// call something on iterator step with safe closing on error\n\nvar anObject = require('./_an-
object');\n\nmodule.exports = function (iterator, fn, value, entries) {\n try {\n return entries ?
fn(anObject(value)[0], value[1]) : fn(value); // 7.4.6 IteratorClose(iterator, completion)\n } catch (e) {\n var ret =
iterator['return'];\n if (ret !== undefined) anObject(ret.call(iterator));\n throw e;\n } };"// check on default
Array iterator\n\nvar Iterators = require('./_iterators');\n\nvar ITERATOR = require('./_wks')('iterator');\n\nvar
ArrayProto = Array.prototype;\n\nmodule.exports = function (it) {\n return it !== undefined && (Iterators.Array
=== it || ArrayProto[ITERATOR] === it);\n};","use strict";\n\nvar $defineProperty = require('./_object-dp');\n\nvar
createDesc = require('./_property-desc');\n\nmodule.exports = function (object, index, value) {\n if (index in object)
$defineProperty.f(object, index, createDesc(0, value));else object[index] = value;\n};","var ITERATOR =
require('./_wks')('iterator');\n\nvar SAFE_CLOSING = false;\n\ntry {\n var riter = [7][ITERATOR]();\n\nriter['return'] = function () {\n SAFE_CLOSING = true;\n }; // eslint-disable-next-line no-throw-literal\n\nArray.from(riter, function () {\n throw 2;\n });\n } catch (e) {\n /* empty *\n }\n\nmodule.exports = function
(exec, skipClosing) {\n if (!skipClosing && !SAFE_CLOSING) return false;\n var safe = false;\n\n try {\n var
arr = [7];\n var iter = arr[ITERATOR]();\n\n iter.next = function () {\n return {\n done: safe = true\n
};\n }; }\n\n arr[ITERATOR] = function () {\n return iter;\n }; }\n\n exec(arr);\n } catch (e) {\n /* empty
*\n }\n\n return safe;\n};","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 =
_interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-

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types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactDom = require('react-dom');\n\nvar _reactDom2 = _interopRequireDefault(_reactDom);\n\nvar _shallowEqual = require('recompose/shallowEqual');\n\nvar _shallowEqual2 = _interopRequireDefault(_shallowEqual);\n\nvar _autoPrefix = require('../utils/autoPrefix');\n\nvar _autoPrefix2 = _interopRequireDefault(_autoPrefix);\n\nvar _transitions = require('../styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : { default: obj }\n}\n\nvar CircleRipple = function (_Component) {\n  (0, _inherits3.default)(CircleRipple, _Component);\n\n  function CircleRipple() {\n    (0, _classCallCheck3.default)(this, CircleRipple);\n\n    return (0, _possibleConstructorReturn3.default)(this, (CircleRipple.__proto__ || (0, _getPrototypeOf2.default)(CircleRipple)).apply(this, arguments));\n  }\n\n  (0, _createClass3.default)(CircleRipple, [{\n    key: 'shouldComponentUpdate',\n    value: function shouldComponentUpdate(nextProps) {\n      return !(0, _shallowEqual2.default)(this.props, nextProps);\n    }\n  }, {\n    key: 'componentWillUnmount',\n    value: function componentWillUnmount() {\n      clearTimeout(this.enterTimer);\n      clearTimeout(this.leaveTimer);\n    }\n  }, {\n    key: 'componentWillAppear',\n    value: function componentWillAppear(callback) {\n      this.initializeAnimation(callback);\n    }\n  }, {\n    key: 'componentWillEnter',\n    value: function componentWillEnter(callback) {\n      this.initializeAnimation(callback);\n    }\n  }, {\n    key: 'componentDidAppear',\n    value: function componentDidAppear() {\n      this.animate();\n    }\n  }, {\n    key: 'componentDidEnter',\n    value: function componentDidEnter() {\n      this.animate();\n    }\n  }, {\n    key: 'componentWillLeave',\n    value: function componentWillLeave(callback) {\n      var style = _reactDom2.default.findDOMNode(this).style;\n\n      style.opacity = 0; // If the animation is aborted, remove from the DOM immediately\n\n      var removeAfter = this.props.aborted ? 0 : 2000;\n      this.enterTimer = setTimeout(callback, removeAfter);\n    }\n  }, {\n    key: 'animate',\n    value: function animate() {\n      var style = _reactDom2.default.findDOMNode(this).style;\n\n      var transitionValue = _transitions2.default.easeOut('2s', 'opacity') + ', ' + _transitions2.default.easeOut('1s', 'transform');\n\n      _autoPrefix2.default.set(style, 'transition', transitionValue);\n\n      _autoPrefix2.default.set(style, 'transform', 'scale(1)');\n    }\n  }, {\n    key: 'initializeAnimation',\n    value: function initializeAnimation(callback) {\n      var style = _reactDom2.default.findDOMNode(this).style;\n\n      style.opacity = this.props.opacity;\n\n      _autoPrefix2.default.set(style, 'transform', 'scale(0)');\n\n      this.leaveTimer = setTimeout(callback, 0);\n    }\n  }, {\n    key: 'render',\n    value: function render() {\n      var _props = this.props,\n          aborted = _props.aborted,\n          color = _props.color,\n          opacity = _props.opacity,\n          style = _props.style,\n          touchGenerated = _props.touchGenerated,\n          other = (0, _objectWithoutProperties3.default)(_props, ['aborted', 'color', 'opacity', 'style', 'touchGenerated']);\n\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var mergedStyles = (0, _simpleAssign2.default)({\n        position: 'absolute',\n        top: 0,\n        left: 0,\n        height: '100%',\n        width: '100%',\n        borderRadius: '50%',\n        backgroundColor: color\n      }, style);\n\n      return _react2.default.createElement('div', (0, _extends3.default)({}, other, {\n        style: prepareStyles(mergedStyles)\n      }));\n    }\n  }]);\n  return CircleRipple;\n}(_react.Component);\n\nCircleRipple.defaultProps = {\n  opacity: 0.1,\n  aborted: false\n};\n\nCircleRipple.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nCircleRipple.propTypes = process.env.NODE_ENV !== "production" ? {\n  aborted: _propTypes2.default.bool,\n  color: _propTypes2.default.string,\n  opacity: _propTypes2.default.number,\n  style: _propTypes2.default.object,\n  touchGenerated: _propTypes2.default.bool\n} : {};\n\nexports.default = CircleRipple;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-

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runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _transitions =
require('./styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction
getStyles(props, context, state) {\n  var color = props.color,\n      hoverColor = props.hoverColor;\n  var baseTheme
= context.muiTheme.baseTheme;\n  var offColor = color || baseTheme.palette.textColor;\n  var onColor =
hoverColor || offColor;\n  return {\n    root: {\n      color: state.hovered ? onColor : offColor,\n      position:
'relative',\n      fontSize: baseTheme.spacing.iconSize,\n      display: 'inline-block',\n      userSelect: 'none',\n      transition: _transitions2.default.easeOut()\n    }\n  };\n}\n\nvar FontIcon = function (_Component) {\n  (0,
_inherits3.default)(FontIcon, _Component);\n\n  function FontIcon() {\n    var _ref;\n    var _temp, _this, _ret;\n    (0, _classCallCheck3.default)(this, FontIcon);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0;
_key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = FontIcon.__proto__ || (0,
_getPrototypeOf2.default)(FontIcon)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n      hovered:
false\n    }, _this.handleMouseLeave = function (event) {\n      // hover is needed only when a hoverColor is
defined\n      if (_this.props.hoverColor !== undefined) {\n        _this.setState({\n          hovered: false\n        });\n      }\n\n      if (_this.props.onMouseLeave) {\n        _this.props.onMouseLeave(event);\n      }\n    },\n    _this.handleMouseEnter = function (event) {\n      // hover is needed only when a hoverColor is defined\n      if
(_this.props.hoverColor !== undefined) {\n        _this.setState({\n          hovered: true\n        });\n      }\n\n      if
(_this.props.onMouseEnter) {\n        _this.props.onMouseEnter(event);\n      }\n    }, _temp), (0,
_possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(FontIcon, [{\n    key:
'render',\n    value: function render() {\n      var _props = this.props,\n          hoverColor = _props.hoverColor,\n          onMouseLeave = _props.onMouseLeave,\n          onMouseEnter = _props.onMouseEnter,\n          style =
_props.style,\n          other = (0, _objectWithoutProperties3.default)(_props, ['hoverColor', 'onMouseLeave',
'onMouseEnter', 'style']);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles =
getStyles(this.props, this.context, this.state);\n      return _react2.default.createElement('span', (0,
_extends3.default)({}, other, {\n        onMouseLeave: this.handleMouseLeave,\n        onMouseEnter:
this.handleMouseEnter,\n        style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n      }));\n    }\n  }]);\n  return FontIcon;\n}(_react.Component);\n\nFontIcon.muiName = 'FontIcon';\nFontIcon.defaultProps = {\n  onMouseEnter: function onMouseEnter() {},\n  onMouseLeave: function onMouseLeave()
{};\n}\n\nFontIcon.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nFontIcon.propTypes
= process.env.NODE_ENV !== "production" ? {\n  /**\n   * This is the font color of the font icon. If not
specified,\n   * this component will default to muiTheme.palette.textColor.\n   */\n  color:
 PropTypes.string,\n  /**\n   * This is the icon color when the mouse hovers over the icon.\n   */\n  hoverColor:
 PropTypes.string,\n  /**\n   * @ignore */\n  onMouseEnter: _propTypes2.default.func,\n  /**\n   * @ignore */\n  onMouseLeave: _propTypes2.default.func,\n  /**\n   * Override the inline-styles of the root
element.\n   */\n  style: _propTypes2.default.object\n} : {};\n\nexports.default = FontIcon;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _pure = require('react-pure-render');\n\nvar
_pure2 = _interopRequireDefault(_pure);\n\nvar _SvgIcon = require('./SvgIcon');\n\nvar _SvgIcon2 =
_interopRequireDefault(_SvgIcon);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n  };\n}\n\nvar NavigationMenu = function NavigationMenu(props) {\n  return
_react2.default.createElement(_SvgIcon2.default, props, _react2.default.createElement('path', {\n    d: 'M3 18h18v-

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2H3v2zm0-5h18v-2H3v2zm0-7v2h18V6H3z'\n }));\n};\n\nNavigationMenu = (0,
  _pure2.default)(NavigationMenu);\nNavigationMenu.displayName =
'NavigationMenu';\nNavigationMenu.muiName = 'SvgIcon';\nexports.default = NavigationMenu;","use
strict";\n\nexports.__esModule = true;\n\nvar _react = require('react');\n\nvar _setDisplay_name =
require('./setDisplay_name');\n\nvar _setDisplay_name2 = _interopRequireDefault(_setDisplay_name);\n\nvar
_wrapDisplay_name = require('./wrapDisplay_name');\n\nvar _wrapDisplay_name2 =
_interopRequireDefault(_wrapDisplay_name);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction _classCallCheck(instance, Constructor) {\n  if
(!(instance instanceof Constructor)) {\n    throw new TypeError("Cannot call a class as a function");\n  }\n}\n\nfunction _possibleConstructorReturn(self, call) {\n  if (!self) {\n    throw new ReferenceError("this hasn't
been initialised - super() hasn't been called");\n  }\n  return call && (typeof call === "object" ||
typeof call === "function") ? call : self;\n}\n\nfunction _inherits(subClass, superClass) {\n  if (typeof
superClass !== "function" && superClass !== null) {\n    throw new TypeError("Super expression must either be null or a function, not " +
typeof superClass);\n  }\n  subClass.prototype = Object.create(superClass && superClass.prototype, {\n
constructor: {\n    value: subClass,\n    enumerable: false,\n    writable: true,\n    configurable: true\n  }\n});\n  if (superClass) Object.setPrototypeOf ? Object.setPrototypeOf(subClass, superClass) :
subClass.__proto__ =
superClass;\n}\n\nvar shouldUpdate = function shouldUpdate(test) {\n  return function (BaseComponent) {\n  var
factory = (0, _react.createFactory)(BaseComponent);\n\n  var ShouldUpdate = function (_Component) {\n
_inherits(ShouldUpdate, _Component);\n\n  function ShouldUpdate() {\n    _classCallCheck(this,
ShouldUpdate);\n\n    return _possibleConstructorReturn(this, _Component.apply(this, arguments));\n  }\n\n
ShouldUpdate.prototype.shouldComponentUpdate = function shouldComponentUpdate(nextProps) {\n  return
test(this.props, nextProps);\n  };\n\n  ShouldUpdate.prototype.render = function render() {\n  return
factory(this.props);\n  };\n\n  return ShouldUpdate;\n }(_react.Component);\n\n if
(process.env.NODE_ENV !== 'production') {\n  return (0, _setDisplay_name2.default)((0,
_wrapDisplay_name2.default)(BaseComponent, 'shouldUpdate'))(ShouldUpdate);\n  }\n\n  return ShouldUpdate;\n
};\n};\n\nexports.default = shouldUpdate;","use strict";\n\nexports.__esModule = true;\n\nvar setStatic = function
setStatic(key, value) {\n  return function (BaseComponent) {\n    /* eslint-disable no-param-reassign */\n
BaseComponent[key] = value;\n    /* eslint-enable no-param-reassign */\n    return BaseComponent;\n  };\n};\n\nexports.default = setStatic;","use strict";\n\nexports.__esModule = true;\n\nvar getDisplayName = function
getDisplayName(Component) {\n  if (typeof Component === 'string') {\n    return Component;\n  }\n\n  if
(!Component) {\n    return undefined;\n  }\n\n  return Component.displayName || Component.name ||
'Component';\n};\n\nexports.default = getDisplayName;","use strict";\n\nObject.defineProperty(exports,
'__esModule', {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3
= _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _transitions =
require('./styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar SvgIcon =

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function (_Component) {\n (0, _inherits3.default)(SvgIcon, _Component);\n\n function SvgIcon() {\n var\n _ref;\n var _temp, _this, _ret;\n (0, _classCallCheck3.default)(this, SvgIcon);\n\n for (var _len =\n arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n args[_key] = arguments[_key];\n }\n\n return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = SvgIcon.__proto__ ||\n (0, _getPrototypeOf2.default)(SvgIcon)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n hovered:\n false\n }, _this.handleMouseLeave = function (event) {\n _this.setState({\n hovered: false\n });\n\n _this.props.onMouseLeave(event);\n }, _this.handleMouseEnter = function (event) {\n _this.setState({\n hovered: true\n });\n\n _this.props.onMouseEnter(event);\n }, _temp), (0,\n _possibleConstructorReturn3.default)(_this, _ret);\n }\n\n (0, _createClass3.default)(SvgIcon, [{\n key: 'render',\n value: function render() {\n var _props = this.props,\n children = _props.children,\n color =\n _props.color,\n hoverColor = _props.hoverColor,\n onMouseEnter = _props.onMouseEnter,\n onMouseLeave = _props.onMouseLeave,\n style = _props.style,\n viewBox = _props.viewBox,\n other = (0, _objectWithoutProperties3.default)(_props, ['children', 'color', 'hoverColor', 'onMouseEnter',\n 'onMouseLeave', 'style', 'viewBox']);\n var _context$muiTheme = this.context.muiTheme,\n svgIcon =\n _context$muiTheme.svgIcon,\n prepareStyles = _context$muiTheme.prepareStyles;\n var offColor = color\n ? color : 'currentColor';\n var onColor = hoverColor ? hoverColor : offColor;\n var mergedStyles = (0,\n _simpleAssign2.default)({\n display: 'inline-block',\n color: svgIcon.color,\n fill: this.state.hovered ?\n onColor : offColor,\n height: 24,\n width: 24,\n userSelect: 'none',\n transition:\n _transitions2.default.easeOut()\n }, style);\n return _react2.default.createElement('svg', (0,\n _extends3.default)({}, other, {\n onMouseEnter: this.handleMouseEnter,\n onMouseLeave:\n this.handleMouseLeave,\n style: prepareStyles(mergedStyles),\n viewBox: viewBox\n })), children);\n }\n }]);\n return SvgIcon;\n})(_react.Component);\n\nSvgIcon.muiName = 'SvgIcon';\nSvgIcon.defaultProps = {\n onMouseEnter: function onMouseEnter() {},\n onMouseLeave: function onMouseLeave() {},\n viewBox: '0 0 24\n 24'\n};\nSvgIcon.contextTypes = {\n muiTheme: _propTypes2.default.object.isRequired\n};\nSvgIcon.propTypes =\n process.env.NODE_ENV !== "production" ? {\n /**\n * Elements passed into the SVG Icon.\n *\n children:\n _propTypes2.default.node,\n\n /**\n * This is the fill color of the svg icon.\n * If not specified, this component\n will default\n * to muiTheme.palette.textColor.\n *\n color: _propTypes2.default.string,\n\n /**\n * This is the\n icon color when the mouse hovers over the icon.\n *\n hoverColor: _propTypes2.default.string,\n\n /** @ignore\n *\n onMouseEnter: _propTypes2.default.func,\n\n /** @ignore *\n onMouseLeave:\n _propTypes2.default.func,\n\n /**\n * Override the inline-styles of the root element.\n *\n style:\n _propTypes2.default.object,\n\n /**\n * Allows you to redefine what the coordinates\n * without units mean\n inside an svg element. For example,\n * if the SVG element is 500 (width) by 200 (height), and you\n * pass\n viewBox="0 0 50 20", this means that the coordinates inside\n * the svg will go from the top left corner (0,0) to\n bottom right (50,20)\n * and each unit will be worth 10px.\n *\n viewBox: _propTypes2.default.string\n } :\n {};\n\n exports.default = SvgIcon;","use strict";\n\n Object.defineProperty(exports, "__esModule", {\n value:\n true\n });\n\n nvar _extends2 = require('babel-runtime/helpers/extends');\n nvar _extends3 =\n _interopRequireDefault(_extends2);\n nvar _objectWithoutProperties2 = require('babel-\n runtime/helpers/objectWithoutProperties');\n nvar _objectWithoutProperties3 =\n _interopRequireDefault(_objectWithoutProperties2);\n nvar _getPrototypeOf = require('babel-runtime/core-\n js/object/get-prototype-of');\n nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n nvar\n _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n nvar _classCallCheck3 =\n _interopRequireDefault(_classCallCheck2);\n nvar _createClass2 = require('babel-\n runtime/helpers/createClass');\n nvar _createClass3 = _interopRequireDefault(_createClass2);\n nvar\n _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n nvar\n _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n nvar _inherits2 =\n require('babel-runtime/helpers/inherits');\n nvar _inherits3 = _interopRequireDefault(_inherits2);\n nvar\n _simpleAssign = require('simple-assign');\n nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n nvar\n _react = require('react');\n nvar _react2 = _interopRequireDefault(_react);\n nvar _propTypes = require('prop-

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types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _propTypes3 =
require('../utils/propTypes');\n\nvar _propTypes4 = _interopRequireDefault(_propTypes3);\n\nvar _transitions =
require('../styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction
getStyles(props, context) {\n  var rounded = props.rounded,\n    circle = props.circle,\n    transitionEnabled =
props.transitionEnabled,\n    zIndex = props.zDepth;\n  var _context$muiTheme = context.muiTheme,\n    baseTheme = _context$muiTheme.baseTheme,\n    paper = _context$muiTheme.paper,\n    borderRadius =
_context$muiTheme.borderRadius;\n  return {\n    root: {\n      color: paper.color,\n      backgroundColor:
paper.backgroundColor,\n      transition: transitionEnabled && _transitions2.default.easeOut(),\n      boxSizing:
'border-box',\n      fontFamily: baseTheme.fontFamily,\n      WebkitTapHighlightColor: 'rgba(0,0,0,0)',\n      //
Remove mobile color flashing (deprecated)\n      boxShadow: paper.zDepthShadows[zDepth - 1],\n      // No shadow
for 0 depth papers\n      borderRadius: circle ? '50%' : rounded ? borderRadius : '0px'\n    }\n  };\n}\n\nvar Paper =
function (_Component) {\n  (0, _inherits3.default)(Paper, _Component);\n\n  function Paper() {\n    (0,
_classCallCheck3.default)(this, Paper);\n    return (0, _possibleConstructorReturn3.default)(this, (Paper.__proto__ ||
(0, _getPrototypeOf2.default)(Paper)).apply(this, arguments));\n  }\n\n  (0, _createClass3.default)(Paper, [{\n    key:
'render',\n    value: function render() {\n      var _props = this.props,\n        children = _props.children,\n        circle
= _props.circle,\n        rounded = _props.rounded,\n        style = _props.style,\n        transitionEnabled =
_propros.transitionEnabled,\n        zIndex = _props.zDepth,\n        other = (0,
_objectWithoutProperties3.default)(_props, ['children', 'circle', 'rounded', 'style', 'transitionEnabled', 'zDepth']);\n      var
prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles = getStyles(this.props, this.context);\n      return
_react2.default.createElement('div', (0, _extends3.default)({}, other, {\n        style: prepareStyles((0,
_simpleAssign2.default)(styles.root, style))\n      })), children);\n    }\n  }]);\n  return
Paper;\n}(_react.Component);\n\nPaper.defaultProps = {\n  circle: false,\n  rounded: true,\n  transitionEnabled:
true,\n  zIndex: 1\n};\n\nPaper.contextTypes = {\n  muiTheme:
\n  _propTypes2.default.object.isRequired\n};\n\nPaper.propTypes = process.env.NODE_ENV !== "production" ? {\n\n  /**\n   * Children passed into the paper element.\n   */\n  children: _propTypes2.default.node,\n\n  /**\n   * Set to
true to generate a circular paper container.\n   */\n  circle: _propTypes2.default.bool,\n\n  /**\n   * By default, the
paper container will have a border radius.\n   * Set this to false to generate a container with sharp corners.\n   */\n  rounded: _propTypes2.default.bool,\n\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style:
\n  _propTypes2.default.object,\n\n  /**\n   * Set to false to disable CSS transitions for the paper element.\n   */\n  transitionEnabled: _propTypes2.default.bool,\n\n  /**\n   * This number represents the zIndex of the paper
shadow.\n   */\n  zIndex: _propTypes4.default.zDepth\n} : {};\n\nexports.default = Paper;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar _typeof2 = require('babel-
runtime/helpers/typeof');\n\nvar _typeof3 = _interopRequireDefault(_typeof2);\n\nvar _objectWithoutProperties2 =
require('babel-runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactDom = require('react-
dom');\n\nvar _reactDom2 = _interopRequireDefault(_reactDom);\n\nvar _keycode = require('keycode');\n\nvar

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_keycode2 = _interopRequireDefault(_keyCode);\n\nvar _TextField = require('./TextField');\n\nvar _TextField2 =
_interopRequireDefault(_TextField);\n\nvar _Menu = require('./Menu');\n\nvar _Menu2 =
_interopRequireDefault(_Menu);\n\nvar _MenuItem = require('./MenuItem');\n\nvar _MenuItem2 =
_interopRequireDefault(_MenuItem);\n\nvar _Divider = require('./Divider');\n\nvar _Divider2 =
_interopRequireDefault(_Divider);\n\nvar _Popover = require('./Popover/Popover');\n\nvar _Popover2 =
_interopRequireDefault(_Popover);\n\nvar _propTypes3 = require('./utils/propTypes');\n\nvar _propTypes4 =
_interopRequireDefault(_propTypes3);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule
? obj : {\n    default: obj\n  };\n}\n\nfunction getStyles(props, context, state) {\n  var anchorEl = state.anchorEl;\n  var fullWidth = props.fullWidth;\n  var styles = {\n    root: {\n      display: 'inline-block',\n      position: 'relative',\n      width: fullWidth ? '100%' : 256\n    },\n    menu: {\n      width: '100%',\n      list: {\n        display: 'block',\n        width: fullWidth ? '100%' : 256\n      },\n      innerDiv: {\n        overflow: 'hidden'\n      }\n    }\n  }\n  if (anchorEl &&
fullWidth) {\n    styles.popover = {\n      width: anchorEl.clientWidth\n    };\n  }\n  return styles;\n}\n\nvar
AutoComplete = function (_Component) {\n  (0, _inherits3.default)(AutoComplete, _Component);\n  function
AutoComplete() {\n    var _ref;\n    var _temp, _this, _ret;\n    (0, _classCallCheck3.default)(this,
AutoComplete);\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n
args[_key] = arguments[_key];\n    }\n    return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = AutoComplete.__proto__ || (0,
_getPrototypeOf2.default)(AutoComplete)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n
anchorEl: null,\n    focusTextField: true,\n    open: false,\n    searchText: undefined\n  },\n    _this.handleRequestClose = function () {\n      // Only take into account the Popover clickAway when we are\n      //
not focusing the TextField.\n      if (!_this.state.focusTextField) {\n        _this.close();\n      }\n    },\n    _this.handleMouseDown = function (event) {\n      // Keep the TextField focused\n      event.preventDefault();\n    },\n    _this.handleClick = function (event, child) {\n      var dataSource = _this.props.dataSource;\n      var index =
parseInt(child.key, 10);\n      var chosenRequest = dataSource[index];\n      var searchText =
_this.chosenRequestText(chosenRequest);\n      var updateInput = function updateInput() {\n        return
_this.props.onUpdateInput(searchText, _this.props.dataSource, {\n          source: 'click'\n        });\n      };\n      _this.timerClickCloseId = function () {\n        return setTimeout(function () {\n          _this.timerClickCloseId =
null;\n          _this.close();\n          _this.props.onNewRequest(chosenRequest, index);\n        },\n        _this.props.menuCloseDelay);\n      };\n      if (typeof _this.props.searchText !== 'undefined') {\n        updateInput();\n        _this.timerClickCloseId();\n      } else {\n        _this.setState({\n          searchText:
searchText\n        }, function () {\n          updateInput();\n          _this.timerClickCloseId();\n        });\n      }\n    },\n    _this.chosenRequestText = function (chosenRequest) {\n      if (typeof chosenRequest === 'string') {\n        return
chosenRequest;\n      } else {\n        return chosenRequest[_this.props.dataSourceConfig.text];\n      }\n    },\n    _this.handleEscKeyDown = function () {\n      _this.close();\n    },\n    _this.handleKeyDown = function (event) {\n      if
(!_this.props.onKeyDown) _this.props.onKeyDown(event);\n      switch ((0, _keyCode2.default)(event)) {\n        case 'enter':\n          _this.close();\n          var searchText = _this.state.searchText;\n          if (searchText !== '')\n            _this.props.onNewRequest(searchText, -1);\n          break;\n        case 'esc':\n          _this.close();\n          break;\n        case 'down':\n          event.preventDefault();\n          _this.setState({\n            open: true,\n            focusTextField: false,\n            anchorEl:
_reactDom2.default.findDOMNode(_this.refs.searchTextField)\n          });\n          break;\n        default:\n          break;\n      }\n    },\n    _this.handleChange = function (event) {\n      var searchText = event.target.value; // Make sure
that we have a new searchText.\n      // Fix an issue with a Cordova Webview\n      if (searchText ===
_this.state.searchText) {\n        return;\n      }\n      var state = {\n        open: true,\n        anchorEl:
_reactDom2.default.findDOMNode(_this.refs.searchTextField)\n      };\n      if (_this.props.searchText ===
undefined) {\n        state.searchText = searchText;\n      }\n      _this.setState(state);\n    },\n    _this.props.onUpdateInput(searchText, _this.props.dataSource, {\n      source: 'change'\n    });\n    },\n    _this.handleBlur = function (event) {\n      if (_this.state.focusTextField && _this.timerClickCloseId === null) {\n        _this.timerBlurClose = setTimeout(function () {\n          _this.close();\n        }, 0);\n      }\n      if

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(_this.props.onBlur) {\n    _this.props.onBlur(event);\n  }\n }, _this.handleFocus = function (event) {\n  if
(!_this.state.open && _this.props.openOnFocus) {\n    _this.setState({\n      open: true,\n      anchorEl:
_reactDom2.default.findDOMNode(_this.refs.searchTextField)\n    });\n  }\n  _this.setState({\n
focusTextField: true\n  });\n  if (_this.props.onFocus) {\n    _this.props.onFocus(event);\n  }\n },
_temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n }\n\n (0, _createClass3.default)(AutoComplete,
[{\n  key: 'componentWillMount',\n  value: function componentWillMount() {\n    this.requestsList = [];\n
this.setState({\n    open: this.props.open,\n    searchText: this.props.searchText || ''\n  });\n
this.timerClickCloseId = null;\n  }\n }, {\n  key: 'componentWillReceiveProps',\n  value: function
componentWillReceiveProps(nextProps) {\n    if (this.props.searchText !== nextProps.searchText) {\n
this.setState({\n      searchText: nextProps.searchText\n    });\n  }\n  if (this.props.open !==
nextProps.open) {\n    this.setState({\n      open: nextProps.open,\n      anchorEl:
_reactDom2.default.findDOMNode(this.refs.searchTextField)\n    });\n  }\n  }, {\n  key:
'componentWillUnmount',\n  value: function componentWillUnmount() {\n
clearTimeout(this.timerClickCloseId);\n    clearTimeout(this.timerBlurClose);\n  }\n }, {\n  key: 'close',\n
value: function close() {\n    this.setState({\n      open: false,\n      anchorEl: null\n    });\n    if
(this.props.onClose) {\n      this.props.onClose();\n    }\n  }\n }, {\n  key: 'blur',\n  value: function blur() {\n
this.refs.searchTextField.blur();\n  }\n }, {\n  key: 'focus',\n  value: function focus() {\n
this.refs.searchTextField.focus();\n  }\n }, {\n  key: 'render',\n  value: function render() {\n    var _this2 =
this;\n    var _props = this.props,\n        anchorOrigin = _props.anchorOrigin,\n        animated =
_props.animated,\n        animation = _props.animation,\n        dataSource = _props.dataSource,\n
dataSourceConfig = _props.dataSourceConfig,\n        disableFocusRipple = _props.disableFocusRipple,\n
errorStyle = _props.errorStyle,\n        floatingLabelText = _props.floatingLabelText,\n        filter = _props.filter,\n
fullWidth = _props.fullWidth,\n        style = _props.style,\n        hintText = _props.hintText,\n
maxSearchResults = _props.maxSearchResults,\n        menuCloseDelay = _props.menuCloseDelay,\n
textFieldStyle = _props.textFieldStyle,\n        menuStyle = _props.menuStyle,\n        menuProps =
_props.menuProps,\n        listStyle = _props.listStyle,\n        targetOrigin = _props.targetOrigin,\n
onBlur = _props.onBlur,\n        onClose = _props.onClose,\n        onFocus = _props.onFocus,\n
onKeyDown = _props.onKeyDown,\n        onNewRequest = _props.onNewRequest,\n        onUpdateInput =
_props.onUpdateInput,\n        openOnFocus = _props.openOnFocus,\n        popoverProps =
_props.popoverProps,\n        searchTextProp = _props.searchText,\n        other = (0,
_objectWithoutProperties3.default)(_props, ['anchorOrigin', 'animated', 'animation', 'dataSource', 'dataSourceConfig',
'disableFocusRipple', 'errorStyle', 'floatingLabelText', 'filter', 'fullWidth', 'style', 'hintText', 'maxSearchResults',
'menuCloseDelay', 'textFieldStyle', 'menuStyle', 'menuProps', 'listStyle', 'targetOrigin', 'onBlur', 'onClose', 'onFocus',
'onKeyDown', 'onNewRequest', 'onUpdateInput', 'openOnFocus', 'popoverProps', 'searchText']);\n    var _ref2 =
popoverProps || {},\n        popoverStyle = _ref2.style,\n        popoverOther = (0,
_objectWithoutProperties3.default)(_ref2, ['style']);\n    var _state = this.state,\n        open = _state.open,\n
anchorEl = _state.anchorEl,\n        searchText = _state.searchText,\n        focusTextField =
_state.focusTextField;\n    var prepareStyles = this.context.muiTheme.prepareStyles;\n    var styles =
getStyles(this.props, this.context, this.state);\n    var requestsList = [];\n    dataSource.every(function (item, index)
{\n      switch (typeof item === 'undefined' ? 'undefined' : (0, _typeof3.default)(item)) {\n        case 'string':\n
if (filter(searchText, item, item)) {\n          requestsList.push({\n            text: item,\n            value:
_react2.default.createElement(_MenuItem2.default, {\n              innerDivStyle: styles.innerDiv,\n
value: item,\n              primaryText: item,\n              disableFocusRipple: disableFocusRipple,\n              key:
index\n            })\n          });\n        }\n        case 'object':\n          if (item && typeof
item[_this2.props.dataSourceConfig.text] === 'string') {\n            var itemText =
item[_this2.props.dataSourceConfig.text];\n            if (!_this2.props.filter(searchText, itemText, item)) break;\n
            var itemValue = item[_this2.props.dataSourceConfig.value];\n            if (itemValue && itemValue.type &&
(itemValue.type.muiName === _MenuItem2.default.muiName || itemValue.type.muiName ===

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_Divider2.default.muiName)) {\n      requestsList.push({\n        text: itemText,\n        value:\n      _react2.default.cloneElement(itemValue, {\n        key: index,\n        disableFocusRipple:\n      disableFocusRipple\n      })\n    });\n  } else {\n    requestsList.push({\n      text:\n      itemText,\n      value: _react2.default.createElement(_MenuItem2.default, {\n        innerDivStyle:\n      styles.innerDiv,\n        primaryText: itemText,\n        disableFocusRipple: disableFocusRipple,\n        key: index\n      })\n    });\n  }\n}\n\nbreak;\n\ndefault: // Do\nnothing\n\n}\n\nreturn !(maxSearchResults && maxSearchResults > 0 && requestsList.length ===\nmaxSearchResults);\n});\n\nthis.requestsList = requestsList;\n\nvar menu = open && requestsList.length >\n0 && _react2.default.createElement(_Menu2.default, (0, _extends3.default)({\n  ref: 'menu',\n  autoWidth:\nfalse,\n  disableAutoFocus: focusTextField,\n  onEscKeyDown: this.handleEscKeyDown,\n  initiallyKeyboardFocused: true,\n  onItemClick: this.handleClick,\n  onMouseDown:\nthis.handleMouseDown,\n  style: (0, _simpleAssign2.default)(styles.menu, menuStyle),\n  listStyle: (0,\n_simpleAssign2.default)(styles.list, listStyle)\n  }, menuProps), requestsList.map(function (i) {\n  return\ni.value;\n  }));\n\nreturn _react2.default.createElement('div', {\n  style: prepareStyles((0,\n_simpleAssign2.default)(styles.root, style))\n  }, _react2.default.createElement(_TextField2.default, (0,\n_extends3.default)({\n  ref: 'searchTextField',\n  autoComplete: 'off',\n  onBlur: this.handleBlur,\n  onFocus: this.handleFocus,\n  onKeyDown: this.handleKeyDown,\n  floatingLabelText:\nfloatingLabelText,\n  hintText: hintText,\n  fullWidth: fullWidth,\n  multiline: false,\n  errorStyle:\nerrorStyle,\n  style: textFieldStyle\n  }, other, {\n  // value and onChange are idiomatic properties often\nleaked.\n  // We prevent their overrides in order to reduce potential bugs.\n  value: searchText,\n  onChange: this.handleChange\n  })), _react2.default.createElement(_Popover2.default, (0, _extends3.default)({\n  style: (0, _simpleAssign2.default)({}, styles.popover, popoverStyle),\n  canAutoPosition: false,\n  anchorOrigin: anchorOrigin,\n  targetOrigin: targetOrigin,\n  open: open,\n  anchorEl: anchorEl,\n  useLayerForClickAway: false,\n  onRequestClose: this.handleRequestClose,\n  animated: animated,\n  animation: animation\n  }, popoverOther), menu));\n\n});\n\nreturn\nAutoComplete;\n})(_react.Component);\n\nAutoComplete.defaultProps = {\n  anchorOrigin: {\n    vertical:\n'bottom',\n    horizontal: 'left'\n  },\n  animated: true,\n  dataSourceConfig: {\n    text: 'text',\n    value: 'value'\n  },\n  disableFocusRipple: true,\n  filter: function filter(searchText, key) {\n    return searchText !== '' &&\nkey.indexOf(searchText) !== -1;\n  },\n  fullWidth: false,\n  open: false,\n  openOnFocus: false,\n  onUpdateInput:\nfunction onUpdateInput() {},\n  onNewRequest: function onNewRequest() {},\n  menuCloseDelay: 300,\n  targetOrigin: {\n    vertical: 'top',\n    horizontal: 'left'\n  }\n};\n\nAutoComplete.contextTypes = {\n  muiTheme:\n_propTypes2.default.object.isRequired\n};\n\nAutoComplete.propTypes = process.env.NODE_ENV !==\n'production' ? {\n  /**\n   * Location of the anchor for the auto complete.\n   */\n  anchorOrigin:\n_propTypes4.default.origin,\n  /**\n   * If true, the auto complete is animated as it is toggled.\n   */\n  animated:\n_propTypes2.default.bool,\n  /**\n   * Override the default animation component used.\n   */\n  animation:\n_propTypes2.default.func,\n  /**\n   * Array of strings or nodes used to populate the list.\n   */\n  dataSource:\n_propTypes2.default.array.isRequired,\n  /**\n   * Config for objects list dataSource.\n   */\n  /**\n   * @typedef\n   {Object} dataSourceConfig\n   */\n  /**\n   * @property {string} text `dataSource` element key used to find a string to be\n   matched for search\n   */\n  /**\n   * and shown as a `TextField` input value after choosing the result.\n   */\n  /**\n   * @property {string}\n   value `dataSource` element key used to find a string to be shown in search results.\n   */\n  /**\n   * dataSourceConfig:\n   */\n  /**\n   * Disables focus ripple when true.\n   */\n  /**\n   * disableFocusRipple:\n   */\n  /**\n   * Override style prop for error.\n   */\n  /**\n   * errorStyle:\n   */\n  /**\n   * The error content to display.\n   */\n  /**\n   * errorText:\n   */\n  /**\n   * Callback function used to filter the auto complete.\n   */\n  /**\n   * @param\n   {string} searchText The text to search for within `dataSource`.\n   */\n  /**\n   * @param {string} key `dataSource` element, or\n   `text` property on that element if it's not a string.\n   */\n  /**\n   * @returns {boolean} `true` indicates the auto complete list will\n   include `key` when the input is `searchText`.\n   */\n  /**\n   * filter: _propTypes2.default.func,\n   */\n  /**\n   * The content to\n   use for adding floating label element.\n   */\n  /**\n   * floatingLabelText: _propTypes2.default.node,\n   */\n  /**\n   * If true,\n
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the field receives the property `width: 100%`.
 * The hint content to display.
 * Override style for list.
 * The max number of search results to be shown.
 * By default it shows all the items which matches filter.
 * maxSearchResults:
 * Delay for closing time of the menu.
 * menuCloseDelay:
 * Props to be passed to menu.
 * menuProps:
 * Override style for menu.
 * menuStyle:
 * @ignore
 * onBlur:
 * Callback function fired when the menu is closed.
 * onClose:
 * @ignore
 * onFocus:
 * @ignore
 * onKeyDown:
 * Callback function that is fired when a list item is selected, or enter is pressed in the `TextField`.
 * @param {string} chosenRequest Either the `TextField` input value, if enter is pressed in the `TextField`, or the dataSource object corresponding to the list item that was selected.
 * @param {number} index The index in `dataSource` of the list item selected, or `-1` if enter is pressed in the `TextField`.
 * onNewRequest:
 * Callback function that is fired when the user updates the `TextField`.
 * @param {string} searchText The auto-complete's `searchText` value.
 * @param {array} dataSource The auto-complete's `dataSource` array.
 * @param {object} params Additional information linked the update.
 * onUpdateInput:
 * Auto complete menu is open if true.
 * open:
 * If true, the list item is showed when a focus event triggers.
 * openOnFocus:
 * Props to be passed to popover.
 * popoverProps:
 * Text being input to auto complete.
 * searchText:
 * Override the inline-styles of the root element.
 * style:
 * Origin for location of target.
 * targetOrigin:
 * Override the inline-styles of AutoComplete's TextField element.
 * textFieldStyle:
 * : { };
 * AutoComplete.levenshteinDistance = function (searchText, key) {
 * var current = [];
 * var prev = void 0;
 * var value = void 0;
 * for (var i = 0; i <= key.length; i++) {
 * for (var j = 0; j <= searchText.length; j++) {
 * if (i && j) {
 * if (searchText.charAt(j - 1) === key.charAt(i - 1)) value = prev; else value = Math.min(current[j], current[j - 1], prev) + 1;
 * } else {
 * value = i + j;
 * }
 * prev = current[j];
 * current[j] = value;
 * }
 * }
 * return current.pop();
 * };
 * AutoComplete.noFilter = function () {
 * return true;
 * };
 * AutoComplete.defaultFilter = AutoComplete.caseSensitiveFilter = function (searchText, key) {
 * return searchText !== " && key.indexOf(searchText) !== -1;
 * };
 * AutoComplete.caseInsensitiveFilter = function (searchText, key) {
 * return key.toLowerCase().indexOf(searchText.toLowerCase()) !== -1;
 * };
 * AutoComplete.levenshteinDistanceFilter = function (distanceLessThan) {
 * if (distanceLessThan === undefined) {
 * return AutoComplete.levenshteinDistance;
 * } else if (typeof distanceLessThan !== 'number') {
 * throw 'Error: AutoComplete.levenshteinDistanceFilter is a filter generator, not a filter!';
 * }
 * return function (s, k) {
 * return AutoComplete.levenshteinDistance(s, k) < distanceLessThan;
 * };
 * };
 * AutoComplete.fuzzyFilter = function (searchText, key) {
 * var compareString = key.toLowerCase();
 * searchText = searchText.toLowerCase();
 * var searchTextIndex = 0;
 * for (var index = 0; index < key.length; index++) {
 * if (compareString[index] === searchText[searchTextIndex]) {
 * searchTextIndex += 1;
 * }
 * }
 * return searchTextIndex === searchText.length;
 * };
 * AutoComplete.Item = _MenuItem2.default;
 * AutoComplete.Divider = _Divider2.default;
 * exports.default = AutoComplete;
 * "use strict";
 * Object.defineProperty(exports, "__esModule", {
 * value: true;
 * });
 * var _extends2 = require('babel-runtime/helpers/extends');
 * var _extends3 = _interopRequireDefault(_extends2);
 * var _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');
 * var _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);
 * var _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');
 * var _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);
 * var _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');
 * var _classCallCheck3 = _interopRequireDefault(_classCallCheck2);
 * var _createClass2 = require('babel-

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runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _ReactDOM = require('react-
dom');\n\nvar _ReactDOM2 = _interopRequireDefault(_ReactDOM);\n\nvar _shallowEqual =
require('recompose/shallowEqual');\n\nvar _shallowEqual2 = _interopRequireDefault(_shallowEqual);\n\nvar
_transitions = require('./styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nvar
_EnhancedTextarea = require('./EnhancedTextarea');\n\nvar _EnhancedTextarea2 =
_interopRequireDefault(_EnhancedTextarea);\n\nvar _TextFieldHint = require('./TextFieldHint');\n\nvar
_TextFieldHint2 = _interopRequireDefault(_TextFieldHint);\n\nvar _TextFieldLabel =
require('./TextFieldLabel');\n\nvar _TextFieldLabel2 = _interopRequireDefault(_TextFieldLabel);\n\nvar
_TextFieldUnderline = require('./TextFieldUnderline');\n\nvar _TextFieldUnderline2 =
_interopRequireDefault(_TextFieldUnderline);\n\nvar _warning = require('warning');\n\nvar _warning2 =
_interopRequireDefault(_warning);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n  };\n}\n\nvar getStyles = function getStyles(props, context, state) {\n  var
_context$muiTheme = context.muiTheme,\n    baseTheme = _context$muiTheme.baseTheme,\n
_context$muiTheme$text = _context$muiTheme.textField,\n    floatingLabelColor =
_context$muiTheme$text.floatingLabelColor,\n    focusColor = _context$muiTheme$text.focusColor,\n
textColor = _context$muiTheme$text.textColor,\n    disabledTextColor =
_context$muiTheme$text.disabledTextColor,\n    backgroundColor = _context$muiTheme$text.backgroundColor,\n
errorColor = _context$muiTheme$text.errorColor;\n  var styles = {\n    root: {\n      fontSize: 16,\n      lineHeight:
'24px',\n      width: props.fullWidth ? '100%' : 256,\n      height: (props.rows - 1) * 24 + (props.floatingLabelText ?
72 : 48),\n      display: 'inline-block',\n      position: 'relative',\n      backgroundColor: backgroundColor,\n
fontFamily: baseTheme.fontFamily,\n      transition: _transitions2.default.easeOut('200ms', 'height'),\n      cursor:
props.disabled ? 'not-allowed' : 'auto'\n    },\n    error: {\n      position: 'relative',\n      bottom: 2,\n      fontSize: 12,\n
lineHeight: '12px',\n      color: errorColor,\n      transition: _transitions2.default.easeOut()\n    },\n    floatingLabel:
{\n      color: props.disabled ? disabledTextColor : floatingLabelColor,\n      pointerEvents: 'none'\n    },\n    input:
{\n      padding: 0,\n      position: 'relative',\n      width: '100%',\n      border: 'none',\n      outline: 'none',\n
backgroundColor: 'rgba(0,0,0,0)',\n      color: props.disabled ? disabledTextColor : textColor,\n      cursor: 'inherit',\n
font: 'inherit',\n      WebkitOpacity: 1,\n      WebkitTapHighlightColor: 'rgba(0,0,0,0)' // Remove mobile color
flashing (deprecated style).\n    },\n    inputNative: {\n      appearance: 'textfield' // Improve type search style.\n
}\n  };\n  styles.textarea = (0, _simpleAssign2.default)({}, styles.input, {\n    marginTop: props.floatingLabelText ?
36 : 12,\n    marginBottom: props.floatingLabelText ? -36 : -12,\n    boxSizing: 'border-box',\n    font: 'inherit'\n
});\n  // Do not assign a height to the textarea as he handles it on his own.\n\n  styles.input.height = '100%';\n\n  if
(state.isFocused) {\n    styles.floatingLabel.color = focusColor;\n  }\n\n  if (props.floatingLabelText) {\n
styles.input.boxSizing = 'border-box';\n\n  if (!props.multiLine) {\n    styles.input.marginTop = 14;\n  }\n\n  if
(state.errorText) {\n    styles.error.bottom = !props.multiLine ? styles.error.fontSize + 3 : 3;\n  }\n\n  if
(state.errorText) {\n    if (state.isFocused) {\n      styles.floatingLabel.color = styles.error.color;\n    }\n  }\n\n  return
styles;\n};\n\n/**\n * Check if a value is valid to be displayed inside an input.\n * @param The value to check.\n *
@returns True if the string provided is valid, false otherwise.\n */\n\nfunction isValid(value) {\n  return value !==
'' && value !== undefined && value !== null && !(Array.isArray(value) && value.length === 0);\n}\n\nvar
TextField = function (_Component) {\n  (0, _inherits3.default)(TextField, _Component);\n\n  function TextField(\n
    _ref;\n\n    _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, TextField);\n\n    for (var _len =
arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n
}\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = TextField.__proto__ ||

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(0, _getPrototypeOf2.default)(TextField)).call.apply(_ref, [this].concat(args)), _this), _this.state = {
  isFocused: false,
  errorText: undefined,
  hasValue: false
};
_this.handleInputBlur = function (event) {
  _this.setState({
    isFocused: false
  });
  if (_this.props.onBlur) {
    _this.props.onBlur(event);
  }
};
_this.handleInputChange = function (event) {
  if (!_this.props.hasOwnProperty('value')) {
    _this.setState({
      hasValue: isValid(event.target.value)
    });
  }
  if (_this.props.onChange) {
    _this.props.onChange(event, event.target.value);
  }
};
_this.handleInputFocus = function (event) {
  if (_this.props.disabled) {
    return;
  }
  _this.setState({
    isFocused: true
  });
  if (_this.props.onFocus) {
    _this.props.onFocus(event);
  }
};
_this.handleHeightChange = function (event, height) {
  var newHeight = height + 24;
  if (_this.props.floatingLabelText) {
    newHeight += 24;
  }
  _reactDom2.default.findDOMNode(_this).style.height = newHeight + 'px';
}, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);
}(0, _createClass3.default)(TextField, [{
  key: 'componentWillMount',
  value: function componentWillMount() {
    var _props = this.props,
        children = _props.children,
        name = _props.name,
        hintText = _props.hintText,
        floatingLabelText = _props.floatingLabelText,
        id = _props.id;
    var propsLeaf = children ? children.props : this.props;
    this.setState({
      errorText: this.props.errorText,
      hasValue: isValid(propsLeaf.value) || isValid(propsLeaf.defaultValue)
    });
    process.env.NODE_ENV !== 'production' ? (0, _warning2.default)(name || hintText || floatingLabelText || id, 'Material-UI: We don\'t have enough information to build a robust unique id for the TextField component. Please provide an id or a name.') : void 0;
    var uniqueId = name + '-' + hintText + '-' + floatingLabelText + '-' + Math.floor(Math.random() * 0xFFFF);
    this.uniqueId = uniqueId.replace(/^[^A-Za-z0-9-]/gi, '');
  }, {
  key: 'componentWillReceiveProps',
  value: function componentWillReceiveProps(nextProps) {
    if (nextProps.disabled && !this.props.disabled) {
      this.setState({
        isFocused: false
      });
    }
    if (nextProps.errorText !== this.props.errorText) {
      this.setState({
        errorText: nextProps.errorText
      });
    }
    if (nextProps.children && nextProps.children.props) {
      nextProps = nextProps.children.props;
    }
    if (nextProps.hasOwnProperty('value')) {
      var hasValue = isValid(nextProps.value);
      this.setState({
        hasValue: hasValue
      });
    }
  }, {
  key: 'shouldComponentUpdate',
  value: function shouldComponentUpdate(nextProps, nextState, nextContext) {
    return !(0, _shallowEqual2.default)(this.props, nextProps) || !(0, _shallowEqual2.default)(this.state, nextState) || !(0, _shallowEqual2.default)(this.context, nextContext);
  }, {
  key: 'blur',
  value: function blur() {
    if (this.input) {
      this.getInputNode().blur();
    }
  }, {
  key: 'focus',
  value: function focus() {
    if (this.input) {
      this.getInputNode().focus();
    }
  }, {
  key: 'select',
  value: function select() {
    if (this.input) {
      this.getInputNode().select();
    }
  }, {
  key: 'getValue',
  value: function getValue() {
    return this.input ? this.getInputNode().value : undefined;
  }, {
  key: 'getInputNode',
  value: function getInputNode() {
    return this.props.children || this.props.multiLine ? this.input.getInputNode() : _reactDom2.default.findDOMNode(this.input);
  }, {
  key: '_isControlled',
  value: function _isControlled() {
    return this.props.hasOwnProperty('value');
  }, {
  key: 'render',
  value: function render() {
    var _this2 = this,
        _props2 = this.props,
        children = _props2.children,
        className = _props2.className,
        disabled = _props2.disabled,
        errorStyle = _props2.errorStyle,
        errorText = _props2.errorText,
        floatingLabelFixed = _props2.floatingLabelFixed,
        floatingLabelFocusStyle = _props2.floatingLabelFocusStyle,
        floatingLabelShrinkStyle = _props2.floatingLabelShrinkStyle,
        floatingLabelStyle = _props2.floatingLabelStyle,
        floatingLabelText = _props2.floatingLabelText,
        fullWidth = _props2.fullWidth,
        hintText = _props2.hintText,
        hintStyle = _props2.hintStyle,
        id = _props2.id,
        inputStyle = _props2.inputStyle,
        multiLine = _props2.multiLine,
        onBlur = _props2.onBlur,
        onChange = _props2.onChange,
        onFocus = _props2.onFocus,
        style = _props2.style,
        type = _props2.type,
        underlineDisabledStyle = _props2.underlineDisabledStyle,
        underlineFocusStyle = _props2.underlineFocusStyle,
        underlineFocusStyle = _props2.underlineFocusStyle,
        underlineShow = _props2.underlineShow,
        underlineStyle = _props2.underlineStyle,
        underlineStyle = _props2.underlineStyle,
        rows = _props2.rows,
        rowsMax = _props2.rowsMax,
        textareaStyle =

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_props2.textareaStyle,\n      other = (0, _objectWithoutProperties3.default)(_props2, ['children', 'className',
'disabled', 'errorStyle', 'errorText', 'floatingLabelFixed', 'floatingLabelFocusStyle', 'floatingLabelShrinkStyle',
'floatingLabelStyle', 'floatingLabelText', 'fullWidth', 'hintText', 'hintStyle', 'id', 'inputStyle', 'multiLine', 'onBlur',
'onChange', 'onFocus', 'style', 'type', 'underlineDisabledStyle', 'underlineFocusStyle', 'underlineShow',
'underlineStyle', 'rows', 'rowsMax', 'textareaStyle']);\n      var prepareStyles =
this.context.muiTheme.prepareStyles;\n      var styles = getStyles(this.props, this.context, this.state);\n      var inputId
= id || this.uniqueId;\n\n      var errorTextElement = this.state.errorText && _react2.default.createElement('div', {\n
      style: prepareStyles((0, _simpleAssign2.default)(styles.error, errorStyle))\n    }, this.state.errorText);\n\n      var
floatingLabelTextElement = floatingLabelText && _react2.default.createElement(_TextFieldLabel2.default, {\n
muiTheme: this.context.muiTheme,\n      style: (0, _simpleAssign2.default)(styles.floatingLabel,
floatingLabelStyle, this.state.isFocused ? floatingLabelFocusStyle : null),\n      shrinkStyle:
floatingLabelShrinkStyle,\n      htmlFor: inputId,\n      shrink: this.state.hasValue || this.state.isFocused ||
floatingLabelFixed,\n      disabled: disabled\n    }, floatingLabelText);\n\n      var inputProps = {\n      id:
inputId,\n      ref: function ref(elem) {\n        return _this2.input = elem;\n      },\n      disabled:
this.props.disabled,\n      onBlur: this.handleInputBlur,\n      onChange: this.handleInputChange,\n      onFocus:
this.handleInputFocus\n    };\n      var childStyleMerged = (0, _simpleAssign2.default)(styles.input, inputStyle);\n
      var inputElement = void 0;\n      if (children) {\n        inputElement = _react2.default.cloneElement(children, (0,
_extends3.default)({}, inputProps, children.props, {\n          style: (0, _simpleAssign2.default)(childStyleMerged,
children.props.style)\n        }));\n      } else {\n        inputElement = multiLine ?
_react2.default.createElement(_EnhancedTextarea2.default, (0, _extends3.default)({\n          style:
childStyleMerged,\n          textareaStyle: (0, _simpleAssign2.default)(styles.textarea, styles.inputNative,
textareaStyle),\n          rows: rows,\n          rowsMax: rowsMax,\n          hintText: hintText\n        }, other,
inputProps, {\n          onHeightChange: this.handleHeightChange\n        })): _react2.default.createElement('input',
(0, _extends3.default)({\n          type: type,\n          style: prepareStyles((0,
_simpleAssign2.default)(styles.inputNative, childStyleMerged))\n        }, other, inputProps));\n      }\n\n      var
rootProps = {};\n      if (children) {\n        rootProps = other;\n      }\n\n      return
_react2.default.createElement('div', (0, _extends3.default)({}, rootProps, {\n        className: className,\n
style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n      }, floatingLabelTextElement, hintText ?
_react2.default.createElement(_TextFieldHint2.default, {\n        muiTheme: this.context.muiTheme,\n        show:
!(this.state.hasValue || floatingLabelText && !this.state.isFocused) || !this.state.hasValue && floatingLabelText &&
floatingLabelFixed && !this.state.isFocused,\n        style: hintStyle,\n        text: hintText\n      }): null,
inputElement, underlineShow ? _react2.default.createElement(_TextFieldUnderline2.default, {\n        disabled:
disabled,\n        disabledStyle: underlineDisabledStyle,\n        error: !!this.state.errorText,\n        errorStyle:
errorStyle,\n        focus: this.state.isFocused,\n        focusStyle: underlineFocusStyle,\n        muiTheme:
this.context.muiTheme,\n        style: underlineStyle\n      }): null, errorTextElement);\n    }\n  });\n  return
TextField;\n})(_react.Component);\n\nTextField.defaultProps = {\n  disabled: false,\n  floatingLabelFixed: false,\n
multiLine: false,\n  fullWidth: false,\n  type: 'text',\n  underlineShow: true,\n  rows: 1\n};\n\nTextField.contextTypes =
{\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nTextField.propTypes = process.env.NODE_ENV !==
'production' ? {\n  children: _propTypes2.default.node,\n\n  /**\n   * The css class name of the root element.\n
  */\n  className: _propTypes2.default.string,\n\n  /**\n   * The text string to use for the default value.\n
  */\n  defaultValue: _propTypes2.default.any,\n\n  /**\n   * Disables the text field if set to true.\n
  */\n  disabled:
 PropTypes2.default.bool,\n\n  /**\n   * The style object to use to override error styles.\n
  */\n  errorStyle:
 PropTypes2.default.object,\n\n  /**\n   * The error content to display.\n
  */\n  errorText:
 PropTypes2.default.node,\n\n  /**\n   * If true, the floating label will float even when there is no value.\n
  */\n  floatingLabelFixed:
 PropTypes2.default.bool,\n\n  /**\n   * The style object to use to override floating label styles
when focused.\n
  */\n  floatingLabelFocusStyle:
 PropTypes2.default.object,\n\n  /**\n   * The style object to use to
override floating label styles when shrunk.\n
  */\n  floatingLabelShrinkStyle:
 PropTypes2.default.object,\n\n  /**\n   * The style object to use to override floating label styles.\n
  */\n  floatingLabelStyle:

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`_propTypes2.default.object,`
`floatingLabelText: _propTypes2.default.node,`
`* fullWidth: _propTypes2.default.bool,`
`hintStyle: _propTypes2.default.object,`
`_propTypes2.default.node,`
`id: _propTypes2.default.string,`
`/*`
`inputStyle: _propTypes2.default.object,`
`/*`
`multiLine: _propTypes2.default.bool,`
`name: _propTypes2.default.string,`
`/* @ignore`
`onBlur: _propTypes2.default.func,`
`/*`
`@param {object} event Change event targeting the text field.`
`@param {string} newValue The new value of the text field.`
`onChange: _propTypes2.default.func,`
`/* @ignore`
`onFocus: _propTypes2.default.func,`
`/*`
`rows: _propTypes2.default.number,`
`/*`
`rowsMax: _propTypes2.default.number,`
`/*`
`style: _propTypes2.default.object,`
`/*`
`textareaStyle: _propTypes2.default.object,`
`/*`
`type: _propTypes2.default.string,`
`/*`
`underlineDisabledStyle: _propTypes2.default.object,`
`/*`
`underlineFocusStyle: _propTypes2.default.object,`
`/*`
`underlineShow: _propTypes2.default.bool,`
`/*`
`underlineStyle: _propTypes2.default.object,`
`/*`
`value: _propTypes2.default.any` : {}
`};`
`nextExports.default = TextField;`
`strict;`
`Object.defineProperty(exports, '__esModule', {`
`value: true`});
`var _extends2 = require('babel-runtime/helpers/extends');`
`var _extends3 = _interopRequireDefault(_extends2);`
`var _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');`
`var _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);`
`var _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');`
`var _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);`
`var _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');`
`var _classCallCheck3 = _interopRequireDefault(_classCallCheck2);`
`var _createClass2 = require('babel-runtime/helpers/createClass');`
`var _createClass3 = _interopRequireDefault(_createClass2);`
`var _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');`
`var _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);`
`var _inherits2 = require('babel-runtime/helpers/inherits');`
`var _inherits3 = _interopRequireDefault(_inherits2);`
`var _simpleAssign = require('simple-assign');`
`var _simpleAssign2 = _interopRequireDefault(_simpleAssign);`
`var _react = require('react');`
`var _react2 = _interopRequireDefault(_react);`
`var _propTypes = require('prop-types');`
`var _propTypes2 = _interopRequireDefault(_propTypes);`
`var _reactEventListener = require('react-event-listener');`
`var _reactEventListener2 = _interopRequireDefault(_reactEventListener);`
`function _interopRequireDefault(obj) {`
`return obj && obj.__esModule ? obj : {`
`default: obj`};
`};`
`var rowsHeight = 24;`
`function getStyles(props, context, state) {`
`return {`
`root: {`
`position: 'relative' // because the shadow has position: 'absolute'`
`},`
`textarea: {`
`height: state.height,`
`width: '100%',`
`resize: 'none',`
`font: 'inherit',`
`padding: 0,`
`cursor: 'inherit'`
`},`
`shadow: {`
`resize: 'none',`
`// Overflow also needed to here to remove the extra row`
`// added to textareas in Firefox.`
`overflow: 'hidden',`
`// Visibility needed to hide the extra text area on ipads`
`visibility: 'hidden',`
`position:`


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'absolute',\n  height: 'auto'\n  }\n };\n\nvar EnhancedTextarea = function (_Component) {\n (0,\n  _inherits3.default)(EnhancedTextarea, _Component);\n\n  function EnhancedTextarea() {\n    var _ref;\n\n    var\n    _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, EnhancedTextarea);\n\n    for (var _len =\n    arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref =\n    EnhancedTextarea.__proto__ || (0, _getPrototypeOf2.default)(EnhancedTextarea)).call.apply(_ref,\n    [this].concat(args))), _this), _this.state = {\n      height: null\n    }, _this.handleResize = function (event) {\n      _this.syncHeightWithShadow(_this.props.value, event);\n    }, _this.handleChange = function (event) {\n      if\n      (!_this.props.hasOwnProperty('value')) {\n        _this.syncHeightWithShadow(event.target.value);\n      }\n\n      if\n      (_this.props.hasOwnProperty('valueLink')) {\n        _this.props.valueLink.requestChange(event.target.value);\n      }\n\n      if (_this.props.onChange) {\n        _this.props.onChange(event);\n      }\n    }, _temp), (0,\n    _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(EnhancedTextarea, [{\n    key:\n    'componentWillMount',\n    value: function componentWillMount() {\n      this.setState({\n        height:\n        this.props.rows * rowsHeight\n      });\n    }, {\n    key: 'componentDidMount',\n    value: function\n    componentDidMount() {\n      this.syncHeightWithShadow(this.props.value);\n    }, {\n    key:\n    'componentWillReceiveProps',\n    value: function\n    componentWillReceiveProps(nextProps) {\n      if\n      (nextProps.value !== this.props.value || nextProps.rowsMax !== this.props.rowsMax) {\n        this.syncHeightWithShadow(nextProps.value, null, nextProps);\n      }\n    }, {\n    key: 'getInputNode',\n    value: function\n    getInputNode() {\n      return this.refs.input;\n    }, {\n    key: 'setValue',\n    value: function\n    setValue(value) {\n      this.getInputNode().value = value;\n      this.syncHeightWithShadow(value);\n    }, {\n    key: 'syncHeightWithShadow',\n    value: function\n    syncHeightWithShadow(newValue, event, props) {\n      var\n      shadow = this.refs.shadow;\n      var\n      displayText = this.props hintText && (newValue === "" || newValue ===\n      undefined || newValue === null) ? this.props hintText : newValue;\n\n      if (displayText !== undefined) {\n        shadow.value = displayText;\n      }\n\n      var\n      newHeight = shadow.scrollHeight; // Guarding for jsdom, where\n      scrollHeight isn't present.\n      // See https://github.com/tmpvar/jsdom/issues/1013\n\n      if (newHeight ===\n      undefined) return;\n      props = props || this.props;\n\n      if (props.rowsMax >= props.rows) {\n        newHeight =\n        Math.min(props.rowsMax * rowsHeight, newHeight);\n      }\n\n      newHeight = Math.max(newHeight,\n      rowsHeight);\n\n      if (this.state.height !== newHeight) {\n        var\n        input = this.refs.input;\n        var\n        cursorPosition\n        = input.selectionEnd;\n        this.setState({\n          height: newHeight\n        }, function () {\n          input.setSelectionRange(cursorPosition, cursorPosition);\n        });\n\n        if (props.onHeightChange) {\n          props.onHeightChange(event, newHeight);\n        }\n      }\n    }, {\n    key: 'render',\n    value: function\n    render() {\n      var\n      _props = this.props,\n      onChange = _props.onChange,\n      onHeightChange =\n      _props.onHeightChange,\n      rows = _props.rows,\n      rowsMax = _props.rowsMax,\n      shadowStyle =\n      _props.shadowStyle,\n      style = _props.style,\n      hintText = _props.hintText,\n      textareaStyle =\n      _props.textareaStyle,\n      valueLink = _props.valueLink,\n      other = (0,\n      _objectWithoutProperties3.default)(_props, ['onChange', 'onHeightChange', 'rows', 'rowsMax', 'shadowStyle', 'style',\n      'hintText', 'textareaStyle', 'valueLink']);\n      var\n      prepareStyles = this.context.muiTheme.prepareStyles;\n      var\n      styles = getStyles(this.props, this.context, this.state);\n      var\n      rootStyles = (0, _simpleAssign2.default)(styles.root,\n      style);\n      var\n      textareaStyles = (0, _simpleAssign2.default)(styles.textarea, textareaStyle);\n      var\n      shadowStyles =\n      (0, _simpleAssign2.default)({}, textareaStyles, styles.shadow, shadowStyle);\n      var\n      props = {};\n\n      if\n      (this.props.hasOwnProperty('valueLink')) {\n        other.value = valueLink.value;\n        props.valueLink =\n        valueLink;\n      }\n\n      return _react2.default.createElement('div', {\n        style: prepareStyles(rootStyles)\n      },\n      _react2.default.createElement(_reactEventListener2.default, {\n        target: 'window',\n        onResize:\n        this.handleResize\n      }), _react2.default.createElement('textarea', (0, _extends3.default)({\n        ref: 'shadow',\n        style: prepareStyles(shadowStyles),\n        tabIndex: '-1',\n        rows: this.props.rows,\n        defaultValue:\n        this.props.defaultValue,\n        readOnly: true,\n        value: this.props.value\n      }, props)),\n      _react2.default.createElement('textarea', (0, _extends3.default)({\n        ref: 'input',\n        rows:\n        this.props.rows,\n        style: prepareStyles(textareaStyles),\n        onChange: this.handleChange\n      }));\n    }\n  }]);\n}

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});\n return EnhancedTextarea;\n}(\_react.Component);\n\nEnhancedTextarea.defaultProps = {\n rows:
1\n};\nEnhancedTextarea.contextTypes = {\n muiTheme:
\_propTypes2.default.object.isRequired\n};\nEnhancedTextarea.propTypes = process.env.NODE_ENV !==
\"production\" ? {\n defaultValue: \_propTypes2.default.any,\n disabled: \_propTypes2.default.bool,\n hintText:
\_propTypes2.default.node,\n onChange: \_propTypes2.default.func,\n onHeightChange:
\_propTypes2.default.func,\n rows: \_propTypes2.default.number,\n rowsMax: \_propTypes2.default.number,\n
shadowStyle: \_propTypes2.default.object,\n\n /**\n * Override the inline-styles of the root element.\n */\n style:
\_propTypes2.default.object,\n textareaStyle: \_propTypes2.default.object,\n value: \_propTypes2.default.string,\n
valueLink: \_propTypes2.default.object\n} : {};\n\nexports.default = EnhancedTextarea;\",\"function
\_classCallCheck(instance, Constructor) {\n if (!(instance instanceof Constructor)) {\n throw new
TypeError(\"Cannot call a class as a function\");\n }\n}\n\nmodule.exports = \_classCallCheck;\",\"function
\_defineProperties(target, props) {\n for (var i = 0; i < props.length; i++) {\n var descriptor = props[i];\n
descriptor.enumerable = descriptor.enumerable || false;\n descriptor.configurable = true;\n if (\"value\" in
descriptor) descriptor.writable = true;\n Object.defineProperty(target, descriptor.key, descriptor);\n
}\n}\n\nfunction \_createClass(Constructor, protoProps, staticProps) {\n if (protoProps)
\_defineProperties(Constructor.prototype, protoProps);\n if (staticProps) \_defineProperties(Constructor,
staticProps);\n return Constructor;\n}\n\nmodule.exports = \_createClass;\",\"var \_typeof =
require(\"../helpers/typeof\");\n\nvar assertThisInitialized = require(\"../assertThisInitialized\");\n\nfunction
\_possibleConstructorReturn(self, call) {\n if (call && (\_typeof(call) === \"object\" || \_typeof call ===
\"function\"))\n {\n return call;\n }\n\n return assertThisInitialized(self);\n}\n\nmodule.exports =
\_possibleConstructorReturn;\",\"function \_assertThisInitialized(self) {\n if (self === void 0) {\n throw new
ReferenceError(\"this hasn't been initialised - super() hasn't been called\");\n }\n\n return
self;\n}\n\nmodule.exports = \_assertThisInitialized;\",\"function \_getPrototypeOf(o) {\n module.exports =
\_getPrototypeOf = Object.setPrototypeOf ? Object.getPrototypeOf : function \_getPrototypeOf(o) {\n return
o.__proto__ || Object.getPrototypeOf(o);\n }; \n return \_getPrototypeOf(o);\n}\n\nmodule.exports =
\_getPrototypeOf;\",\"var setPrototypeOf = require(\"../setPrototypeOf\");\n\nfunction \_inherits(subClass, superClass)
{\n if (typeof superClass !== \"function\" && superClass !== null) {\n throw new TypeError(\"Super expression
must either be null or a function\");\n }\n\n subClass.prototype = Object.create(superClass &&
superClass.prototype, {\n constructor: {\n value: subClass,\n writable: true,\n configurable: true\n }\n
});\n if (superClass) setPrototypeOf(subClass, superClass);\n}\n\nmodule.exports = \_inherits;\",\"function
\_setPrototypeOf(o, p) {\n module.exports = \_setPrototypeOf = Object.setPrototypeOf || function \_setPrototypeOf(o,
p) {\n o.__proto__ = p;\n return o;\n }; \n return \_setPrototypeOf(o, p);\n}\n\nmodule.exports =
\_setPrototypeOf;\",\"var objectWithoutPropertiesLoose = require(\"../objectWithoutPropertiesLoose\");\n\nfunction
\_objectWithoutProperties(source, excluded) {\n if (source == null) return {};\n var target =
objectWithoutPropertiesLoose(source, excluded);\n var key, i;\n if (Object.getOwnPropertySymbols) {\n var
sourceSymbolKeys = Object.getOwnPropertySymbols(source);\n for (i = 0; i < sourceSymbolKeys.length; i++)\n {\n key = sourceSymbolKeys[i];\n if (excluded.indexOf(key) >= 0) continue;\n if
(!Object.prototype.propertyIsEnumerable.call(source, key)) continue;\n target[key] = source[key];\n }\n\n
return target;\n}\n\nmodule.exports = \_objectWithoutProperties;\",\"function \_objectWithoutPropertiesLoose(source,
excluded) {\n if (source == null) return {};\n var target = {};\n var sourceKeys = Object.keys(source);\n var key,
i;\n\n for (i = 0; i < sourceKeys.length; i++) {\n key = sourceKeys[i];\n if (excluded.indexOf(key) >= 0)
continue;\n target[key] = source[key];\n }\n\n return target;\n}\n\nmodule.exports =
\_objectWithoutPropertiesLoose;\",\"function \_extends() {\n module.exports = \_extends = Object.assign || function
(target) {\n for (var i = 1; i < arguments.length; i++) {\n var source = arguments[i];\n\n for (var key in
source) {\n if (Object.prototype.hasOwnProperty.call(source, key)) {\n target[key] = source[key];\n
}\n }\n }\n\n return target;\n }; \n return \_extends.apply(this, arguments);\n}\n\nmodule.exports =
\_extends;\",\"/**\n * Copyright (c) 2014-present, Facebook, Inc.\n *\n * This source code is licensed under the MIT
license found in the\n * LICENSE file in the root directory of this source tree.\n */\n\n'use strict';\n\n/**\n * Similar to

```

```

invariant but only logs a warning if the condition is not met.\n * This can be used to log issues in development
environments in critical\n * paths. Removing the logging code for production environments will keep the\n * same
logic and follow the same code paths.\n */\n\nvar __DEV__ = process.env.NODE_ENV !== 'production';\n\nvar
warning = function warning() {};\n\nif (__DEV__) {\n  var printWarning = function printWarning(format, args) {\n
  var len = arguments.length;\n  args = new Array(len > 2 ? len - 2 : 0);\n\n  for (var key = 2; key < len; key++) {\n
  args[key - 2] = arguments[key];\n  }\n\n  var argIndex = 0;\n  var message = 'Warning: ' +
format.replace(/%s/g, function () {\n  return args[argIndex++];\n  });\n\n  if (typeof console !== 'undefined') {\n
  console.error(message);\n  }\n\n  try {\n    // --- Welcome to debugging React ---\n    // This error was thrown
as a convenience so that you can use this stack\n    // to find the callsite that caused this warning to fire.\n    throw
new Error(message);\n  } catch (x) {};\n  }\n\n  warning = function warning(condition, format, args) {\n  var len =
arguments.length;\n  args = new Array(len > 2 ? len - 2 : 0);\n\n  for (var key = 2; key < len; key++) {\n
  args[key - 2] = arguments[key];\n  }\n\n  if (format === undefined) {\n    throw new Error(`warning(condition,
format, ...args)` requires a warning ' + 'message argument');\n  }\n\n  if (!condition) {\n
  printWarning.apply(null, [format].concat(args));\n  }\n  };\n}\n\nmodule.exports = warning;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _transitions = require('./styles/transitions');\n\nvar
_transitions2 = _interopRequireDefault(_transitions);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction getStyles(props) {\n  var hintColor =
props.muiTheme.textField.hintColor,\n  show = props.show;\n  return {\n    root: {\n      position: 'absolute',\n
opacity: show ? 1 : 0,\n      color: hintColor,\n      transition: _transitions2.default.easeOut(),\n      bottom: 12\n    }\n  };\n}\n\nvar TextFieldHint = function TextFieldHint(props) {\n  var prepareStyles =
props.muiTheme.prepareStyles,\n  style = props.style,\n  text = props.text;\n  var styles = getStyles(props);\n
return _react2.default.createElement('div', {\n  style: prepareStyles((0, _simpleAssign2.default)(styles.root,
style))\n}, text);\n}\n\nTextFieldHint.propTypes = process.env.NODE_ENV !== "production" ? {\n  /**\n  *
@ignore\n  * The material-ui theme applied to this component.\n  */\n  muiTheme:\n  _propTypes2.default.object.isRequired,\n  /**\n  * True if the hint text should be visible.\n  */\n  show:\n  _propTypes2.default.bool,\n  /**\n  * Override the inline-styles of the root element.\n  */\n  style:\n  _propTypes2.default.object,\n  /**\n  * The hint text displayed.\n  */\n  text: _propTypes2.default.node\n} :
{};\n\nTextFieldHint.defaultProps = {\n  show: true\n};\n\nexports.default = TextFieldHint;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _transitions = require('./styles/transitions');\n\nvar
_transitions2 = _interopRequireDefault(_transitions);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction getStyles(props) {\n  var defaultStyles = {\n
position: 'absolute',\n  lineHeight: '22px',\n  top: 38,\n  transition: _transitions2.default.easeOut(),\n  zIndex:\n  1,\n  // Needed to display label above Chrome's autocomplete field background\n  transform: 'scale(1) translate(0,
0)',\n  transformOrigin: 'left top',\n  pointerEvents: 'auto',\n  userSelect: 'none'\n};\n  var shrinkStyles =
props.shrink ? (0, _simpleAssign2.default)({\n    transform: 'scale(0.75) translate(0, -28px)',\n    pointerEvents:\n    'none'\n}, props.shrinkStyle) : null;\n  return {\n    root: (0, _simpleAssign2.default)(defaultStyles, props.style,
shrinkStyles)\n  };\n}\n\nvar TextFieldLabel = function TextFieldLabel(props) {\n  var muiTheme =
props.muiTheme,\n  className = props.className,\n  children = props.children,\n  htmlFor =
props.htmlFor,\n  onClick = props.onClick;\n  var prepareStyles = muiTheme.prepareStyles;\n  var styles =
getStyles(props);\n  return _react2.default.createElement('label', {\n    className: className,\n    style:\n    prepareStyles(styles.root),\n    htmlFor: htmlFor,\n    onClick: onClick\n},
children);\n}\n\nTextFieldLabel.propTypes = process.env.NODE_ENV !== "production" ? {\n  /**\n  * The label

```

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contents.\n */\n children: _propTypes2.default.node,\n\n /**\n * The css class name of the root element.\n */\n className: _propTypes2.default.string,\n\n /**\n * Disables the label if set to true.\n */\n disabled:
_propTypes2.default.bool,\n\n /**\n * The id of the target element that this label should refer to.\n */\n htmlFor:
_propTypes2.default.string,\n\n /**\n * @ignore\n * The material-ui theme applied to this component.\n */\n muiTheme: _propTypes2.default.object.isRequired,\n\n /**\n * Callback function for when the label is selected
via a click.\n */\n * @param {object} event Click event targeting the text field label.\n */\n onClick:
_propTypes2.default.func,\n\n /**\n * True if the floating label should shrink.\n */\n shrink:
_propTypes2.default.bool,\n\n /**\n * Override the inline-styles of the root element when shrunk.\n */\n
shrinkStyle: _propTypes2.default.object,\n\n /**\n * Override the inline-styles of the root element.\n */\n style:
_propTypes2.default.object\n} : {};\nTextFieldLabel.defaultProps = {\n disabled: false,\n shrink:
false\n};\n\nexports.default = TextFieldLabel;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n
value: true\n});\n\nvar _simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 =
_interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 =
_interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =
_interopRequireDefault(_propTypes);\n\nvar _transitions = require('./styles/transitions');\n\nvar _transitions2 =
_interopRequireDefault(_transitions);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule
? obj : {\n default: obj\n };\n}\n\nvar propTypes = {\n /**\n * True if the parent `TextField` is disabled.\n */\n
disabled: _propTypes2.default.bool,\n\n /**\n * Override the inline-styles of the underline when parent `TextField`
is disabled.\n */\n disabledStyle: _propTypes2.default.object,\n\n /**\n * True if the parent `TextField` has an
error.\n */\n error: _propTypes2.default.bool,\n\n /**\n * Override the inline-styles of the underline when parent
`TextField` has an error.\n */\n errorStyle: _propTypes2.default.object,\n\n /**\n * True if the parent `TextField`
is focused.\n */\n focus: _propTypes2.default.bool,\n\n /**\n * Override the inline-styles of the underline when
parent `TextField` is focused.\n */\n focusStyle: _propTypes2.default.object,\n\n /**\n * @ignore\n * The
material-ui theme applied to this component.\n */\n muiTheme: _propTypes2.default.object.isRequired,\n\n /**\n *
Override the inline-styles of the root element.\n */\n style: _propTypes2.default.object\n};\n\nvar defaultProps =
{\n disabled: false,\n disabledStyle: {},\n error: false,\n errorStyle: {},\n focus: false,\n focusStyle: {},\n
style:
{\n}\n};\n\nvar TextFieldUnderline = function TextFieldUnderline(props) {\n var disabled = props.disabled,\n
disabledStyle = props.disabledStyle,\n error = props.error,\n errorStyle = props.errorStyle,\n focus =
props.focus,\n focusStyle = props.focusStyle,\n muiTheme = props.muiTheme,\n style = props.style;\n var
errorStyleColor = errorStyle.color;\n var prepareStyles = muiTheme.prepareStyles,\n _muiTheme$textField =
muiTheme.textField,\n borderColor = _muiTheme$textField.borderColor,\n disabledTextColor =
_muiTheme$textField.disabledTextColor,\n errorColor = _muiTheme$textField.errorColor,\n focusColor =
_muiTheme$textField.focusColor;\n var styles = {\n root: {\n borderTop: 'none',\n borderLeft: 'none',\n
borderRight: 'none',\n borderBottomStyle: 'solid',\n borderBottomWidth: 1,\n borderColor: borderColor,\n
bottom: 8,\n boxSizing: 'content-box',\n margin: 0,\n position: 'absolute',\n width: '100%\n },\n
disabled: {\n borderBottomStyle: 'dotted',\n borderBottomWidth: 2,\n borderColor: disabledTextColor\n
},\n focus: {\n borderBottomStyle: 'solid',\n borderBottomWidth: 2,\n borderColor: focusColor,\n
transform: 'scaleX(0)',\n transition: _transitions2.default.easeOut()\n },\n error: {\n borderColor:
errorStyleColor ? errorStyleColor : errorColor,\n transform: 'scaleX(1)\n }\n };\n var underline = (0,
_simpleAssign2.default)({}, styles.root, style);\n var focusedUnderline = (0, _simpleAssign2.default)({}, underline,
styles.focus, focusStyle);\n if (disabled) underline = (0, _simpleAssign2.default)({}, underline, styles.disabled,
disabledStyle);\n if (focus) focusedUnderline = (0, _simpleAssign2.default)({}, focusedUnderline, {\n transform:
'scaleX(1)\n });\n if (error) focusedUnderline = (0, _simpleAssign2.default)({}, focusedUnderline, styles.error);\n
return _react2.default.createElement('div', null, _react2.default.createElement('hr', {\n 'aria-hidden': 'true',\n
style: prepareStyles(underline)\n }), _react2.default.createElement('hr', {\n 'aria-hidden': 'true',\n style:
prepareStyles(focusedUnderline)\n }));\n};\n\nTextFieldUnderline.propTypes = process.env.NODE_ENV !==
"production" ? propTypes : {};\n\nTextFieldUnderline.defaultProps = defaultProps;\n\nexports.default =
TextFieldUnderline;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n
value: true\n});\n\nvar

```

```

_extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 =
_interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _simpleAssign = require('simple-assign');\n\nvar
_simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 =
_interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =
_interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule
? obj : {\n default: obj\n };\n}\n\nvar Subheader = function Subheader(props, context) {\n var children =
props.children,\n inset = props.inset,\n style = props.style,\n other = (0,
_objectWithoutProperties3.default)(props, ['children', 'inset', 'style']);\n var _context$muiTheme =
context.muiTheme,\n prepareStyles = _context$muiTheme.prepareStyles,\n subheader =
_context$muiTheme.subheader;\n var styles = {\n root: {\n boxSizing: 'border-box',\n color:
subheader.color,\n fontSize: 14,\n fontWeight: subheader.fontWeight,\n lineHeight: '48px',\n
paddingLeft: inset ? 72 : 16,\n width: '100%\n }\n };\n return _react2.default.createElement('div', (0,
_extends3.default)({}, other, {\n style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n })),
children);\n}\n\nSubheader.muiName = 'Subheader';\nSubheader.propTypes = process.env.NODE_ENV !==
'production' ? {\n /**\n * Node that will be placed inside the `Subheader`.\n */\n children:
_propTypes2.default.node,\n /**\n * If true, the `Subheader` will be indented.\n */\n inset:
_propTypes2.default.bool,\n /**\n * Override the inline-styles of the root element.\n */\n style:
_propTypes2.default.object\n } : {};\nSubheader.defaultProps = {\n inset: false\n};\nSubheader.contextTypes = {\n
muiTheme: _propTypes2.default.object.isRequired\n};\nexports.default = Subheader;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nexports.HotKeyHolder =
undefined;\n\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nfunction
_interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nvar
HotKeyHolder = exports.HotKeyHolder = function () {\n function HotKeyHolder() {\n var _this = this;\n\n (0,
_classCallCheck3.default)(this, HotKeyHolder);\n\n this.clear = function () {\n _this.timerId = null;\n
_this.lastKeys = null;\n };}\n\n (0, _createClass3.default)(HotKeyHolder, [{\n key: 'append',\n value:
function append(key) {\n clearTimeout(this.timerId);\n this.timerId = setTimeout(this.clear, 500);\n return
this.lastKeys = (this.lastKeys || "") + key;\n };\n }]);\n return HotKeyHolder;\n}();","/**\n * lodash (Custom Build)
<https://lodash.com/>\n * Build: `lodash modularize exports="npm" -o ./`\n * Copyright jQuery Foundation and
other contributors <https://jquery.org/>\n * Released under MIT license <https://lodash.com/license>\n * Based on
Underscore.js 1.8.3 <http://underscorejs.org/LICENSE>\n * Copyright Jeremy Ashkenas, DocumentCloud and
Investigative Reporters & Editors\n */\n\n/** Used as the `TypeError` message for `"Functions"` methods. */\n\nvar
FUNC_ERROR_TEXT = 'Expected a function';\n\n/** Used as references for various `Number` constants. */\n\nvar
NAN = 0 / 0;\n\n/** `Object#toString` result references. */\n\nvar symbolTag = '[object Symbol]';\n\n/** Used to match
leading and trailing whitespace. */\n\nvar reTrim = /^\s+|\s+$/g;\n\n/** Used to detect bad signed hexadecimal string
values. */\n\nvar reIsBadHex = /^[+ ]0x[0-9a-f]+$/i;\n\n/** Used to detect binary string values. */\n\nvar reIsBinary =
/^0b[01]+$/i;\n\n/** Used to detect octal string values. */\n\nvar reIsOctal = /^0o[0-7]+$/i;\n\n/** Built-in method
references without a dependency on `root`. */\n\nvar freeParseInt = parseInt;\n\n/** Detect free variable `global` from
Node.js. */\n\nvar freeGlobal = typeof global == 'object' && global && global.Object === Object &&
global;\n\n/** Detect free variable `self`. */\n\nvar freeSelf = typeof self == 'object' && self &&
self.Object === Object && self;\n\n/** Used as a reference to the global object. */\n\nvar root = freeGlobal ||
freeSelf || Function('return this')();\n\n/** Used for built-in method references. */\n\nvar objectProto = Object.prototype;\n\n/**\n * Used to resolve the\n * `[]` to `toStringTag` (http://ecma-international.org/ecma-262/7.0/#sec-object.prototype.tostring)\n * of values.\n */\n\nvar objectToString = objectProto.toString;\n\n/** Built-in method references for those with the same name as
other `lodash` methods. */\n\nvar nativeMax = Math.max,\n nativeMin = Math.min;\n\n/**\n * Gets the timestamp

```

of the number of milliseconds that have elapsed since the Unix epoch (1 January 1970 00:00:00 UTC).

```

@static
@memberOf _
@since 2.4.0
@category Date
@returns {number} Returns the timestamp.
@example
_.defer(function(stamp) {
  console.log(_.now() - stamp);
}, _.now());
// => Logs the number of milliseconds it took for the deferred invocation.
var now = function now() {
  return root.Date.now();
};
/**
 * Creates a debounced function that delays invoking `func` until after `wait` milliseconds have elapsed since the last time the debounced function was invoked. The debounced function comes with a `cancel` method to cancel delayed `func` invocations and a `flush` method to immediately invoke them. Provide `options` to indicate whether `func` should be invoked on the leading and/or trailing edge of the `wait` timeout. The `func` is invoked with the last arguments provided to the debounced function. Subsequent calls to the debounced function return the result of the last `func` invocation.
 * Note: If `leading` and `trailing` options are `true`, `func` is invoked on the trailing edge of the timeout only if the debounced function is invoked more than once during the `wait` timeout. If `wait` is `0` and `leading` is `false`, `func` invocation is deferred until to the next tick, similar to `setTimeout` with a timeout of `0`. See [David Corbacho's article](https://css-tricks.com/debouncing-throttling-explained-examples/) for details over the differences between `_.debounce` and `_.throttle`.
 * @static
 * @memberOf _
 * @since 0.1.0
 * @category Function
 * @param {Function} func The function to debounce.
 * @param {number} [wait=0] The number of milliseconds to delay.
 * @param {Object} [options={}] The options object.
 * @param {boolean} [options.leading=false] Specify invoking on the leading edge of the timeout.
 * @param {number} [options.maxWait] The maximum time `func` is allowed to be delayed before it's invoked.
 * @param {boolean} [options.trailing=true] Specify invoking on the trailing edge of the timeout.
 * @returns {Function} Returns the new debounced function.
 * @example
 * // Avoid costly calculations while the window size is in flux.
 * jQuery(window).on('resize', _.debounce(calculateLayout, 150));
 * // Invoke `sendMail` when clicked, debouncing subsequent calls.
 * jQuery(element).on('click', _.debounce(sendMail, 300, {
 *   'leading': true,
 *   'trailing': false
 * }));
 * // Ensure `batchLog` is invoked once after 1 second of debounced calls.
 * var debounced = _.debounce(batchLog, 250, { 'maxWait': 1000 });
 * var source = new EventSource('/stream');
 * jQuery(source).on('message', debounced);
 * // Cancel the trailing debounced invocation.
 * jQuery(window).on('popstate', debounced.cancel);
 * \n\nfunction debounce(func, wait, options) {
  var lastArgs,
      lastThis,
      maxWait,
      result,
      timerId,
      lastCallTime,
      lastInvokeTime = 0,
      leading = false,
      maxing = false,
      trailing = true;
  if (typeof func != 'function') {
    throw new TypeError(FUNC_ERROR_TEXT);
  }
  wait = toNumber(wait) || 0;
  if (isObject(options)) {
    leading = !!options.leading;
    maxing = 'maxWait' in options;
    maxWait = maxing ? nativeMax(toNumber(options.maxWait) || 0, wait) : maxWait;
    trailing = 'trailing' in options ? !!options.trailing : trailing;
  }
  function invokeFunc(time) {
    var args = lastArgs,
        thisArg = lastThis;
    lastArgs = lastThis = undefined;
    lastInvokeTime = time;
    result = func.apply(thisArg, args);
    return result;
  }
  function leadingEdge(time) {
    // Reset any `maxWait` timer.
    lastInvokeTime = time;
    // Start the timer for the trailing edge.
    timerId = setTimeout(timerExpired, wait);
    // Invoke the leading edge.
    return leading ? invokeFunc(time) : result;
  }
  function remainingWait(time) {
    var timeSinceLastCall = time - lastCallTime,
        timeSinceLastInvoke = time - lastInvokeTime,
        result = wait - timeSinceLastCall;
    return maxing ? nativeMin(result, maxWait - timeSinceLastInvoke) : result;
  }
  function shouldInvoke(time) {
    var timeSinceLastCall = time - lastCallTime,
        timeSinceLastInvoke = time - lastInvokeTime;
    // Either this is the first call, activity has stopped and we're at the
    // trailing edge, the system time has gone backwards and we're treating
    // it as the trailing edge, or we've hit the `maxWait` limit.
    return lastCallTime === undefined ||
      timeSinceLastCall >= wait ||
      timeSinceLastCall < 0 ||
      maxing && timeSinceLastInvoke >= maxWait;
  }
  function timerExpired() {
    var time = now();
    if (shouldInvoke(time)) {
      return trailingEdge(time);
    }
    // Restart the timer.
    timerId = setTimeout(timerExpired, remainingWait(time));
  }
  function trailingEdge(time) {
    timerId = undefined;
    // Only invoke if we have `lastArgs` which means `func` has been
    // debounced at least once.
    if (trailing && lastArgs) {
      return invokeFunc(time);
    }
    lastArgs = lastThis = undefined;
    return result;
  }
  function cancel() {
    if (timerId !== undefined) {

```

```

clearTimeout(timerId);\n  }\n\n  lastInvokeTime = 0;\n  lastArgs = lastCallTime = lastThis = timerId =
undefined;\n }\n\n function flush() {\n  return timerId === undefined ? result : trailingEdge(now());\n }\n\n function debounced() {\n  var time = now(),\n      isInvoking = shouldInvoke(time);\n  lastArgs = arguments;\n  lastThis = this;\n  lastCallTime = time;\n\n  if (isInvoking) {\n    if (timerId === undefined) {\n      return
leadingEdge(lastCallTime);\n    }\n\n    if (maxing) {\n      // Handle invocations in a tight loop.\n      timerId =
setTimeout(timerExpired, wait);\n      return invokeFunc(lastCallTime);\n    }\n  }\n\n  if (timerId ===
undefined) {\n    timerId = setTimeout(timerExpired, wait);\n  }\n\n  return result;\n }\n\n debounced.cancel =
cancel;\n debounced.flush = flush;\n return debounced;\n}\n\n**\n * Creates a throttled function that only invokes
`func` at most once per\n * every `wait` milliseconds. The throttled function comes with a `cancel`\n * method to
cancel delayed `func` invocations and a `flush` method to\n * immediately invoke them. Provide `options` to
indicate whether `func`\n * should be invoked on the leading and/or trailing edge of the `wait`\n * timeout. The
`func` is invoked with the last arguments provided to the\n * throttled function. Subsequent calls to the throttled
function return the\n * result of the last `func` invocation.\n *\n * **Note:** If `leading` and `trailing` options are
`true`, `func` is\n * invoked on the trailing edge of the timeout only if the throttled function\n * is invoked more than
once during the `wait` timeout.\n *\n * If `wait` is `0` and `leading` is `false`, `func` invocation is deferred\n * until
to the next tick, similar to `setTimeout` with a timeout of `0`.\n *\n * See [David Corbacho's article](https://css-
tricks.com/debouncing-throttling-explained-examples/)\n * for details over the differences between `_._throttle` and
`_.debounce`.\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Function\n * @param {Function}
func The function to throttle.\n * @param {number} [wait=0] The number of milliseconds to throttle invocations
to.\n * @param {Object} [options={}] The options object.\n * @param {boolean} [options.leading=true]\n *
Specify invoking on the leading edge of the timeout.\n * @param {boolean} [options.trailing=true]\n * Specify
invoking on the trailing edge of the timeout.\n * @returns {Function} Returns the new throttled function.\n *
@example\n *\n * // Avoid excessively updating the position while scrolling.\n * jQuery(window).on('scroll',
_.throttle(updatePosition, 100));\n *\n * // Invoke `renewToken` when the click event is fired, but not more than
once every 5 minutes.\n * var throttled = _.throttle(renewToken, 300000, { 'trailing': false });\n *
jQuery(element).on('click', throttled);\n *\n * // Cancel the trailing throttled invocation.\n *
jQuery(window).on('popstate', throttled.cancel);\n *\n\nfunction throttle(func, wait, options) {\n  var leading =
true,\n      trailing = true;\n\n  if (typeof func != 'function') {\n    throw new TypeError(FUNC_ERROR_TEXT);\n
}\n\n  if (isObject(options)) {\n    leading = 'leading' in options ? !!options.leading : leading;\n    trailing = 'trailing'
in options ? !!options.trailing : trailing;\n  }\n\n  return debounce(func, wait, {\n    'leading': leading,\n    'maxWait':
wait,\n    'trailing': trailing\n });\n}\n\n**\n * Checks if `value` is the\n * [language type](http://www.ecma-
international.org/ecma-262/7.0/#sec-ecmascript-language-types)\n * of `Object`. (e.g. arrays, functions, objects,
regexes, `new Number(0)`, and `new String(')')\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category
Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is an object, else
`false`.\n * @example\n *\n * _.isObject({});\n * // => true\n *\n * _.isObject([1, 2, 3]);\n * // => true\n *\n *
_.isObject(_.noop);\n * // => true\n *\n * _.isObject(null);\n * // => false\n *\n\nfunction isObject(value) {\n  var
type = typeof value;\n  return !!value && (type == 'object' || type == 'function');\n}\n\n**\n * Checks if `value` is
object-like. A value is object-like if it's not `null`\n * and has a `typeof` result of `"object"`.\n *\n * @static\n *
@memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns
{boolean} Returns `true` if `value` is object-like, else `false`.\n * @example\n *\n * _.isObjectLike({});\n * // =>
true\n *\n * _.isObjectLike([1, 2, 3]);\n * // => true\n *\n * _.isObjectLike(_.noop);\n * // => false\n *\n *
_.isObjectLike(null);\n * // => false\n *\n\nfunction isObjectLike(value) {\n  return !!value && typeof value ==
'object';\n}\n\n**\n * Checks if `value` is classified as a `Symbol` primitive or object.\n *\n * @static\n *
@memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns
{boolean} Returns `true` if `value` is a symbol, else `false`.\n * @example\n *\n * _.isSymbol(Symbol.iterator);\n *
// => true\n *\n * _.isSymbol('abc');\n * // => false\n *\n\nfunction isSymbol(value) {\n  return typeof value ==
'symbol' || isObjectLike(value) && objectToString.call(value) == symbolTag;\n}\n\n**\n * Converts `value` to a
number.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value

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to process.\n * @returns {number} Returns the number.\n * @example\n *\n * _.toNumber(3.2);\n *\n * // => 3.2\n *\n * _.toNumber(Number.MIN_VALUE);\n *\n * // => 5e-324\n *\n * _.toNumber(Infinity);\n *\n * // => Infinity\n *\n * _.toNumber('3.2');\n *\n * // => 3.2\n *\n *\n\nfunction toNumber(value) {\n  if (typeof value === 'number') {\n    return value;\n  }\n\n  if (isSymbol(value)) {\n    return NaN;\n  }\n\n  if (isObject(value)) {\n    var other = typeof value.valueOf === 'function' ? value.valueOf() : value;\n    value = isObject(other) ? other + '' : other;\n  }\n\n  if (typeof value !== 'string') {\n    return value === 0 ? value : +value;\n  }\n\n  value = value.replace(reTrim, '');\n  var isBinary = reIsBinary.test(value);\n  return isBinary || reIsOctal.test(value) ? freeParseInt(value.slice(2), isBinary ? 2 : 8) : reIsBadHex.test(value) ? NAN : +value;\n}\n\nmodule.exports = throttle;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _transitions = require('./styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _propTypes3 = require('./utils/propTypes');\n\nvar _propTypes4 = _interopRequireDefault(_propTypes3);\n\nvar _Paper = require('./Paper');\n\nvar _Paper2 = _interopRequireDefault(_Paper);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction getStyles(props, context, state) {\n  var targetOrigin = props.targetOrigin;\n  var open = state.open;\n  var muiTheme = context.muiTheme;\n  var horizontal = targetOrigin.horizontal.replace('middle', 'vertical');\n  return {\n    root: {\n      position: 'fixed',\n      zIndex: muiTheme.zIndex.popover,\n      opacity: open ? 1 : 0,\n      transform: open ? 'scale(1, 1)' : 'scale(0, 0)',\n      transformOrigin: horizontal + ' ' + targetOrigin.vertical,\n      transition: _transitions2.default.easeOut('250ms', ['transform', 'opacity']),\n      maxHeight: '100%',\n    },\n    horizontal: {\n      maxHeight: '100%',\n      overflowY: 'auto',\n      transform: open ? 'scaleX(1)' : 'scaleX(0)',\n      opacity: open ? 1 : 0,\n      transformOrigin: horizontal + ' ' + targetOrigin.vertical,\n      transition: _transitions2.default.easeOut('250ms', ['transform', 'opacity'])\n    },\n    vertical: {\n      opacity: open ? 1 : 0,\n      transform: open ? 'scaleY(1)' : 'scaleY(0)',\n      transformOrigin: horizontal + ' ' + targetOrigin.vertical,\n      transition: _transitions2.default.easeOut('500ms', ['transform', 'opacity'])\n    }\n  };\n}\n\nvar PopoverAnimationDefault = function (_Component) {\n  (0, _inherits3.default)(PopoverAnimationDefault, _Component);\n\n  function PopoverAnimationDefault() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, PopoverAnimationDefault);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = PopoverAnimationDefault.__proto__ || (0, _getPrototypeOf2.default)(PopoverAnimationDefault)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n      open: false\n    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(PopoverAnimationDefault, [{\n    key: 'componentDidMount',\n    value: function componentDidMount() {\n      this.setState({\n        open: true\n      });\n    }\n  }, {\n    key: 'componentWillReceiveProps',\n    value: function componentWillReceiveProps(nextProps) {\n      this.setState({\n        open: nextProps.open\n      });\n    }\n  }, {\n    key: 'render',\n    value: function render() {\n      var _props = this.props,\n          className = _props.className,\n          style = _props.style,\n          zIndex = _props.zDepth;\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles = getStyles(this.props, this.context, this.state);\n      return _react2.default.createElement(_Paper2.default, {\n        style: (0, _simpleAssign2.default)(styles.root, style),\n
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zDepth: zDepth,\n      className: className\n    }, _react2.default.createElement('div', {\n      style:
prepareStyles(styles.horizontal)\n    }, _react2.default.createElement('div', {\n      style:
prepareStyles(styles.vertical)\n    }, this.props.children));\n  }\n }));\n return
PopoverAnimationDefault;\n)(_react.Component);\n\nPopoverAnimationDefault.defaultProps = {\n  style: {},\n  zDepth: 1\n};\n\nPopoverAnimationDefault.contextTypes = {\n  muiTheme:
_propTypes2.default.isRequired\n};\n\nPopoverAnimationDefault.propTypes = process.env.NODE_ENV !==
\"production\" ? {\n  children: _propTypes2.default.node,\n\n  /**\n   * The css class name of the root element.\n
*/\n  className: _propTypes2.default.string,\n  open: _propTypes2.default.bool.isRequired,\n\n  /**\n   * Override
the inline-styles of the root element.\n
*/\n  style: _propTypes2.default.object,\n  targetOrigin:
_propTypes4.default.origin.isRequired,\n  zDepth: _propTypes4.default.zDepth\n} : {};\n\nexports.default =
PopoverAnimationDefault;","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value:
true\n});\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _pure =
require('recompose/pure');\n\nvar _pure2 = _interopRequireDefault(_pure);\n\nvar _SvgIcon =
require('../SvgIcon');\n\nvar _SvgIcon2 = _interopRequireDefault(_SvgIcon);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar
NavigationCheck = function NavigationCheck(props) {\n  return _react2.default.createElement(_SvgIcon2.default,
props, _react2.default.createElement('path', {\n    d: 'M9 16.17L4.83 12l-1.42 1.41L9 19 21 7l-1.41-1.41z'\n
}));\n};\n\nNavigationCheck = (0, _pure2.default)(NavigationCheck);\n\nNavigationCheck.displayName =
'NavigationCheck';\n\nNavigationCheck.muiName = 'SvgIcon';\n\nexports.default = NavigationCheck;","use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _pure = require('recompose/pure');\n\nvar
_pure2 = _interopRequireDefault(_pure);\n\nvar _SvgIcon = require('../SvgIcon');\n\nvar _SvgIcon2 =
_interopRequireDefault(_SvgIcon);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n  };\n}\n\nvar NavigationExpandLess = function NavigationExpandLess(props) {\n  return
_react2.default.createElement(_SvgIcon2.default, props, _react2.default.createElement('path', {\n    d: 'M12 8l-6 6
1.41 1.41L12 10.83l4.59 4.58L18 14z'\n
}));\n};\n\nNavigationExpandLess = (0,
_pure2.default)(NavigationExpandLess);\n\nNavigationExpandLess.displayName =
'NavigationExpandLess';\n\nNavigationExpandLess.muiName = 'SvgIcon';\n\nexports.default =
NavigationExpandLess;","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _pure =
require('recompose/pure');\n\nvar _pure2 = _interopRequireDefault(_pure);\n\nvar _SvgIcon =
require('../SvgIcon');\n\nvar _SvgIcon2 = _interopRequireDefault(_SvgIcon);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar
NavigationExpandMore = function NavigationExpandMore(props) {\n  return
_react2.default.createElement(_SvgIcon2.default, props, _react2.default.createElement('path', {\n    d: 'M16.59
8.59L12 13.17 7.41 8.59 6 10l6 6-6z'\n
}));\n};\n\nNavigationExpandMore = (0,
_pure2.default)(NavigationExpandMore);\n\nNavigationExpandMore.displayName =
'NavigationExpandMore';\n\nNavigationExpandMore.muiName = 'SvgIcon';\n\nexports.default =
NavigationExpandMore;","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value:
true\n});\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes =
require('prop-types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _List =
require('../List');\n\nvar _List2 = _interopRequireDefault(_List);\n\nfunction _interopRequireDefault(obj) {\n  return
obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar NestedList = function NestedList(props) {\n  var
children = props.children,\n  open = props.open,\n  nestedLevel = props.nestedLevel,\n  style =
props.style;\n\n  if (!open) {\n    return null;\n  }\n\n  return _react2.default.createElement(_List2.default, {\n    style:
style\n  }, _react.Children.map(children, function (child) {\n    return (0, _react.isValidElement)(child) ? (0,
_react.cloneElement)(child, {\n      nestedLevel: nestedLevel + 1\n    }) : child;\n  }));\n};\n\nNestedList.propTypes
= process.env.NODE_ENV !== \"production\" ? {\n  children: _propTypes2.default.node,\n  nestedLevel:

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_propTypes2.default.number.isRequired,\n open: _propTypes2.default.bool.isRequired,\n\n /**\n * Override the
inline-styles of the root element.\n */\n style: _propTypes2.default.object\n} : {};\nexports.default =
NestedList;","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nvar _extends2 =
require('babel-runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };}\n\nvar Divider = function Divider(props, context) {\n var inset =
props.inset,\n style = props.style,\n other = (0, _objectWithoutProperties3.default)(props, ['inset', 'style']);\n
var _context$muiTheme = context.muiTheme,\n baseTheme = _context$muiTheme.baseTheme,\n
prepareStyles = _context$muiTheme.prepareStyles;\n\n var styles = {\n root: {\n margin: 0,\n marginTop: -
1,\n marginLeft: inset ? 72 : 0,\n height: 1,\n border: 'none',\n backgroundColor:
baseTheme.palette.borderColor\n }\n };}\n return _react2.default.createElement('hr', (0, _extends3.default)({},
other, {\n style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n }));}\n\nDivider.muiName =
'Divider';\n\nDivider.propTypes = process.env.NODE_ENV !== \"production\" ? {\n /**\n * If true, the `Divider`
will be indented.\n */\n inset: _propTypes2.default.bool,\n\n /**\n * Override the inline-styles of the root
element.\n */\n style: _propTypes2.default.object\n} : {};\n\nDivider.defaultProps = {\n inset:
false\n};\n\nDivider.contextTypes = {\n muiTheme: _propTypes2.default.object.isRequired\n};\n\nexports.default =
Divider;","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nvar _extends2 =
require('babel-runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };}\n\nfunction getStyles(props, context) {\n var backgroundColor =
props.backgroundColor,\n color = props.color,\n size = props.size;\n\n var avatar = context.muiTheme.avatar;\n\n
var styles = {\n root: {\n color: color || avatar.color,\n backgroundColor: backgroundColor ||
avatar.backgroundColor,\n userSelect: 'none',\n display: 'inline-flex',\n alignItems: 'center',\n
justifyContent: 'center',\n fontSize: size / 2,\n borderRadius: '50%',\n height: size,\n width: size\n },\n
icon: {\n color: color || avatar.color,\n width: size * 0.6,\n height: size * 0.6,\n fontSize: size * 0.6,\n
margin: size * 0.2\n }\n };}\n return styles;}\n\nvar Avatar = function (_Component) {\n (0,
_inherits3.default)(Avatar, _Component);\n\n function Avatar() {\n (0, _classCallCheck3.default)(this, Avatar);\n
return (0, _possibleConstructorReturn3.default)(this, (Avatar.__proto__ || (0,
_getPrototypeOf2.default)(Avatar)).apply(this, arguments));}\n\n (0, _createClass3.default)(Avatar, [{\n key:
'render',\n value: function render() {\n var _props = this.props,\n backgroundColor =
_props.backgroundColor,\n icon = _props.icon,\n src = _props.src,\n style = _props.style,\n
className = _props.className,\n other = (0, _objectWithoutProperties3.default)(_props, ['backgroundColor',

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'icon', 'src', 'style', 'className']);\n    var prepareStyles = this.context.muiTheme.prepareStyles;\n    var styles =
getStyles(this.props, this.context);\n\n    if (src) {\n        return _react2.default.createElement('img', (0,
_extends3.default)({\n            style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n        }, other, {\n            src: src,\n            className: className\n        }));\n    } else {\n        return _react2.default.createElement('div',
(0, _extends3.default)({\n            style: prepareStyles((0, _simpleAssign2.default)(styles.root, style)),\n            className: className\n        }), icon && _react2.default.cloneElement(icon, {\n            color: styles.icon.color,\n            style: (0, _simpleAssign2.default)(styles.icon, icon.props.style)\n        }), this.props.children);\n    }\n\n    return Avatar;\n})(_react.Component);\n\nAvatar.muiName = 'Avatar';\nAvatar.defaultProps = {\n    size:
40\n};\nAvatar.contextTypes = {\n    muiTheme: _propTypes2.default.object.isRequired\n};\nAvatar.propTypes =
process.env.NODE_ENV !== "production" ? {\n    /**\n     * The backgroundColor of the avatar. Does not apply to
image avatars.\n     */\n    backgroundColor: _propTypes2.default.string,\n    /**\n     * Can be used, for instance, to
render a letter inside the avatar.\n     */\n    children: _propTypes2.default.node,\n    /**\n     * The css class name of the
root `div` or `img` element.\n     */\n    className: _propTypes2.default.string,\n    /**\n     * The icon or letter's
color.\n     */\n    color: _propTypes2.default.string,\n    /**\n     * This is the SvgIcon or FontIcon to be used inside the
avatar.\n     */\n    icon: _propTypes2.default.element,\n    /**\n     * This is the size of the avatar in pixels.\n     */\n    size:
 PropTypes.number,\n    /**\n     * If passed in, this component will render an img element. Otherwise, a
div will be rendered.\n     */\n    src: _propTypes2.default.string,\n    /**\n     * Override the inline-styles of the root
element.\n     */\n    style: _propTypes2.default.object\n} : {};\nexports.default = Avatar;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n    value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n    return obj &&
obj.__esModule ? obj : {\n        default: obj\n    };\n}\n\nfunction getStyles(props, context) {\n    var primary =
props.primary,\n        secondary = props.secondary;\n\n    var badge = context.muiTheme.badge;\n    var
badgeBackgroundColor = void 0;\n    var badgeTextColor = void 0;\n\n    if (primary) {\n        badgeBackgroundColor =
badge.primaryColor;\n        badgeTextColor = badge.primaryTextColor;\n    } else if (secondary) {\n
        badgeBackgroundColor = badge.secondaryColor;\n        badgeTextColor = badge.secondaryTextColor;\n    } else {\n
        badgeBackgroundColor = badge.color;\n        badgeTextColor = badge.textColor;\n    }\n\n    var radius = 12;\n    var
radius2x = Math.floor(2 * radius);\n\n    return {\n        root: {\n            position: 'relative',\n            display: 'inline-block',\n
            padding: radius2x + 'px ' + radius2x + 'px ' + radius + 'px ' + radius + 'px'\n        },\n        badge: {\n            display: 'flex',\n
            flexDirection: 'row',\n            flexWrap: 'wrap',\n            justifyContent: 'center',\n            alignContent: 'center',\n
            alignItems: 'center',\n            position: 'absolute',\n            top: 0,\n            right: 0,\n            fontWeight: badge.fontWeight,\n            fontSize:
radius,\n            width: radius2x,\n            height: radius2x,\n            borderRadius: '50%',\n            backgroundColor:
badgeBackgroundColor,\n            color: badgeTextColor\n        }\n    };\n}\n\nvar Badge = function (_Component) {\n    (0,
_inherits3.default)(Badge, _Component);\n\n    function Badge() {\n        (0, _classCallCheck3.default)(this, Badge);\n
        return (0, _possibleConstructorReturn3.default)(this, (Badge.__proto__ || (0,
_getPrototypeOf2.default)(Badge)).apply(this, arguments));\n    }\n\n    (0, _createClass3.default)(Badge, [{\n        key:

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'render',\n  value: function render() {\n    var _props = this.props,\n        badgeContent = _props.badgeContent,\n        badgeStyle = _props.badgeStyle,\n        children = _props.children,\n        primary = _props.primary,\n        secondary = _props.secondary,\n        style = _props.style,\n        other = (0,\n        _objectWithoutProperties3.default)(_props, ['badgeContent', 'badgeStyle', 'children', 'primary', 'secondary', 'style']);\n    var prepareStyles = this.context.muiTheme.prepareStyles;\n    var styles = getStyles(this.props, this.context);\n    return _react2.default.createElement('div', (0, _extends3.default)({}, other, {\n      style: prepareStyles((0,\n      _simpleAssign2.default)({}, styles.root, style))\n    })), children, _react2.default.createElement('span', {\n      style: prepareStyles((0, _simpleAssign2.default)({}, styles.badge, badgeStyle))\n    }, badgeContent));\n  }\n});\nreturn Badge;\n})(_react.Component);\n\nBadge.defaultProps = {\n  primary: false,\n  secondary: false\n};\n\nBadge.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nBadge.propTypes = process.env.NODE_ENV !== "production" ? {\n  /**\n   * This is the content rendered within the badge.\n   */\n  badgeContent: _propTypes2.default.node.isRequired,\n  /**\n   * Override the inline-styles of the badge element.\n   */\n  badgeStyle: _propTypes2.default.object,\n  /**\n   * The badge will be added relatively to this node.\n   */\n  children: _propTypes2.default.node,\n  /**\n   * The css class name of the root element.\n   */\n  className: _propTypes2.default.string,\n  /**\n   * If true, the badge will use the primary badge colors.\n   */\n  primary: _propTypes2.default.bool,\n  /**\n   * If true, the badge will use the secondary badge colors.\n   */\n  secondary: _propTypes2.default.bool,\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style: _propTypes2.default.object\n} : {};\n\nexports.default = Badge;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  }\n}\n\nfunction getStyles(props, context) {\n  var bottomNavigation = context.muiTheme.bottomNavigation;\n  var styles = {\n    root: {\n      position: 'relative',\n      width: '100%',\n      display: 'flex',\n      justifyContent: 'center',\n      backgroundColor: bottomNavigation.backgroundColor,\n      height: bottomNavigation.height\n    },\n    item: {\n      flex: '1\n    }\n  };\n  return styles;\n}\n\nvar BottomNavigation = function BottomNavigation(props, context) {\n  var children = props.children,\n      style = props.style,\n      selectedIndex = props.selectedIndex,\n      other = (0, _objectWithoutProperties3.default)(props, ['children', 'style', 'selectedIndex']);\n  var prepareStyles = context.muiTheme.prepareStyles;\n  var styles = getStyles(props, context);\n  var preparedChildren = _react.Children.map(children, function (child, index) {\n    if (!child) {\n      return null;\n    }\n    return (0, _react.cloneElement)(child, {\n      style: (0, _simpleAssign2.default)({}, styles.item, child.props.style),\n      selected: index === selectedIndex\n    });\n  });\n  return _react2.default.createElement('div', (0, _extends3.default)({}, other, {\n    style: prepareStyles((0, _simpleAssign2.default)({}, styles.root, style))\n  })), preparedChildren);\n}\n\nBottomNavigation.propTypes = process.env.NODE_ENV !== "production" ? {\n  /**\n   * The `BottomNavigationItem`s to populate the element with.\n   */\n  children: _propTypes2.default.node,\n  /**\n   * The index of the currently selected navigation item.\n   */\n  selectedIndex: _propTypes2.default.number,\n  /**\n   * @ignore\n   */\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style: _propTypes2.default.object\n} : {};\n\nBottomNavigation.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nexports.default = BottomNavigation;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-

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runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _Paper = require('./Paper');\n\nvar _Paper2 =
_interopRequireDefault(_Paper);\n\nvar _CardExpandable = require('./CardExpandable');\n\nvar _CardExpandable2
= _interopRequireDefault(_CardExpandable);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar Card = function (_Component) {\n  (0,
_inherits3.default)(Card, _Component);\n\n  function Card() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0,
_classCallCheck3.default)(this, Card);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key <
_len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = Card.__proto__ || (0,
_getPrototypeOf2.default)(Card)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n      expanded: null\n
}, _this.handleExpanding = function (event) {\n      event.preventDefault();\n      var newExpandedState =
!_this.state.expanded; // no automatic state update when the component is controlled\n\n      if (_this.props.expanded
=== null) {\n        _this.setState({\n          expanded: newExpandedState\n        });\n      }\n\n      if
(_this.props.onExpandChange) {\n        _this.props.onExpandChange(newExpandedState);\n      }\n    }, _temp), (0,
_possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(Card, [{\n    key:
'componentWillMount',\n    value: function componentWillMount() {\n      this.setState({\n        expanded:
this.props.expanded === null ? this.props.initiallyExpanded === true : this.props.expanded\n      });\n    }, {\n
key: 'componentWillReceiveProps',\n    value: function componentWillReceiveProps(nextProps) {\n      // update the
state when the component is controlled.\n      if (nextProps.expanded !== null) this.setState({\n        expanded:
nextProps.expanded\n      });\n    }, {\n    key: 'render',\n    value: function render() {\n      var _this2 = this;\n\n
      var _props = this.props,\n          style = _props.style,\n          containerStyle = _props.containerStyle,\n
          children = _props.children,\n          expandable = _props.expandable,\n          expandedProp = _props.expanded,\n
          initiallyExpanded = _props.initiallyExpanded,\n          onExpandChange = _props.onExpandChange,\n          other =
(0, _objectWithoutProperties3.default)(_props, ['style', 'containerStyle', 'children', 'expandable', 'expanded',
'initiallyExpanded', 'onExpandChange']);\n\n      var lastElement = void 0;\n      var expanded =
this.state.expanded;\n\n      var newChildren = _react2.default.Children.map(children, function (currentChild) {\n
        var doClone = false;\n        var newChild = undefined;\n        var newProps = {};\n        var element =
currentChild;\n\n        if (!currentChild || !currentChild.props) {\n          return null;\n        }\n\n        if (expanded
=== false && currentChild.props.expandable === true) return;\n\n        if (currentChild.props.actAsExpander ===
true) {\n          doClone = true;\n          newProps.onClick = _this2.handleExpanding;\n          newProps.style = (0,
_simpleAssign2.default)({\n            cursor: 'pointer'\n          }, currentChild.props.style);\n        }\n\n        if
(currentChild.props.showExpandableButton === true) {\n          doClone = true;\n          newChild =
_react2.default.createElement(_CardExpandable2.default, {\n            closeIcon: currentChild.props.closeIcon,\n
            expanded: expanded,\n            onExpanding: _this2.handleExpanding,\n            openIcon:
currentChild.props.openIcon,\n            iconStyle: currentChild.props.iconStyle\n          });\n        }\n\n        if
(doClone) {\n          element = _react2.default.cloneElement(currentChild, newProps, currentChild.props.children,
newChild);\n        }\n\n        lastElement = element;\n        return element;\n      }, this); // If the last element is text or
a title we should add\n      // 8px padding to the bottom of the card\n\n      var addBottomPadding = lastElement
&& (lastElement.type.muiName === 'CardText' || lastElement.type.muiName === 'CardTitle');\n      var
mergedStyles = (0, _simpleAssign2.default)({\n        zIndex: 1\n      }, style);\n      var containerMergedStyles = (0,
_simpleAssign2.default)({\n        paddingBottom: addBottomPadding ? 8 : 0\n      }, containerStyle);\n      return

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_react2.default.createElement(_Paper2.default, (0, _extends3.default)({ }, other, {
  style: mergedStyles
})),
_react2.default.createElement('div', {
  style: containerMergedStyles
}, newChildren);
return Card;
})(_react.Component);
Card.defaultProps = {
  expandable: false,
  expanded: null,
  initiallyExpanded: false
};
Card.propTypes = process.env.NODE_ENV !== "production" ? {
  /** Can be used to render elements inside the Card.
   * children: _propTypes2.default.node,
   * Override the inline-styles of the container element.
   * containerStyle: _propTypes2.default.object,
   * If true, this card component is expandable. Can be set on any child of the `Card` component.
   * expandable: _propTypes2.default.bool,
   * Whether this card is expanded.
   * If `true` or `false` the component is controlled.
   * if `null` the component is uncontrolled.
   * expanded: _propTypes2.default.bool,
   * Whether this card is initially expanded.
   * initiallyExpanded: _propTypes2.default.bool,
   * Callback function fired when the `expandable` state of the card has changed.
   * @param {boolean} newExpandedState Represents the new `expanded` state of the card.
   * onExpandChange: _propTypes2.default.func,
   * If true, this card component will include a button to expand the card.
   * `CardTitle`, `CardHeader` and `CardActions` implement `showExpandableButton`. Any child component of `Card` can implement `showExpandableButton` or forwards the property to a child component supporting it.
   * showExpandableButton: _propTypes2.default.bool,
   * Override the inline-styles of the root element.
   * style: _propTypes2.default.object
} : {};
nextExports.default = Card;
"use strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
var _react = require('react');
var _react2 = _interopRequireDefault(_react);
var _pure = require('recompose/pure');
var _pure2 = _interopRequireDefault(_pure);
var _SvgIcon = require('../SvgIcon');
var _SvgIcon2 = _interopRequireDefault(_SvgIcon);
function _interopRequireDefault(obj) {
  return obj && obj.__esModule ? obj : {
    default: obj
  };
}
var HardwareKeyboardArrowUp = function HardwareKeyboardArrowUp(props) {
  return _react2.default.createElement(_SvgIcon2.default, props, _react2.default.createElement('path', {
    d: 'M7.41 15.41L12 10.83L14.59 4.58L18 14.1-6-6 6z'
  }));
}
HardwareKeyboardArrowUp = (0, _pure2.default)(HardwareKeyboardArrowUp);
HardwareKeyboardArrowUp.displayName = 'HardwareKeyboardArrowUp';
HardwareKeyboardArrowUp.muiName = 'SvgIcon';
nextExports.default = HardwareKeyboardArrowUp;
"use strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
var _react = require('react');
var _react2 = _interopRequireDefault(_react);
var _pure = require('recompose/pure');
var _pure2 = _interopRequireDefault(_pure);
var _SvgIcon = require('../SvgIcon');
var _SvgIcon2 = _interopRequireDefault(_SvgIcon);
function _interopRequireDefault(obj) {
  return obj && obj.__esModule ? obj : {
    default: obj
  };
}
var HardwareKeyboardArrowDown = function HardwareKeyboardArrowDown(props) {
  return _react2.default.createElement(_SvgIcon2.default, props, _react2.default.createElement('path', {
    d: 'M7.41 7.84L12 12.42L14.59 4.58L18 9.25L-6 6-6z'
  }));
}
HardwareKeyboardArrowDown = (0, _pure2.default)(HardwareKeyboardArrowDown);
HardwareKeyboardArrowDown.displayName = 'HardwareKeyboardArrowDown';
HardwareKeyboardArrowDown.muiName = 'SvgIcon';
nextExports.default = HardwareKeyboardArrowDown;
"use strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
var _extends2 = require('babel-runtime/helpers/extends');
var _extends3 = _interopRequireDefault(_extends2);
var _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');
var _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);
var _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');
var _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);
var _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');
var _classCallCheck3 = _interopRequireDefault(_classCallCheck2);
var _createClass2 = require('babel-runtime/helpers/createClass');
var _createClass3 = _interopRequireDefault(_createClass2);
var _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');
var _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);
var _inherits2 = require('babel-runtime/helpers/inherits');
var _inherits3 = _interopRequireDefault(_inherits2);

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_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _EnhancedSwitch = require('./internal/EnhancedSwitch');\n\nvar _EnhancedSwitch2 = _interopRequireDefault(_EnhancedSwitch);\n\nvar _transitions = require('./styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nvar _checkboxOutlineBlank = require('./svg-icons/toggle/check-box-outline-blank');\n\nvar _checkboxOutlineBlank2 = _interopRequireDefault(_checkboxOutlineBlank);\n\nvar _checkbox = require('./svg-icons/toggle/check-box');\n\nvar _checkbox2 = _interopRequireDefault(_checkbox);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };}\n\nfunction getStyles(props, context) {\n  var checkbox = context.muiTheme.checkbox;\n  var checkboxSize = 24;\n  return {\n    icon: {\n      height: checkboxSize,\n      width: checkboxSize\n    },\n    check: {\n      position: 'absolute',\n      opacity: 0,\n      transform: 'scale(0)',\n      transitionOrigin: '50% 50%',\n      transition: _transitions2.default.easeOut('450ms', 'opacity', '0ms') + ', ' + _transitions2.default.easeOut('0ms', 'transform', '450ms'),\n      fill: checkbox.checkedColor\n    },\n    checkWhenSwitched: {\n      opacity: 1,\n      transform: 'scale(1)',\n      transition: _transitions2.default.easeOut('0ms', 'opacity', '0ms') + ', ' + _transitions2.default.easeOut('800ms', 'transform', '0ms')\n    },\n    checkWhenDisabled: {\n      fill: checkbox.disabledColor\n    },\n    box: {\n      position: 'absolute',\n      opacity: 1,\n      fill: checkbox.boxColor,\n      transition: _transitions2.default.easeOut('1000ms', 'opacity', '200ms')\n    },\n    boxWhenSwitched: {\n      opacity: 0,\n      transition: _transitions2.default.easeOut('650ms', 'opacity', '150ms'),\n      fill: checkbox.checkedColor\n    },\n    boxWhenDisabled: {\n      fill: props.checked ? 'transparent' : checkbox.disabledColor\n    },\n    label: {\n      color: props.disabled ? checkbox.labelDisabledColor : checkbox.labelColor\n    };\n  }\n}\n\nvar Checkbox = function (_Component) {\n  (0, _inherits3.default)(Checkbox, _Component);\n\n  function Checkbox() {\n    var _ref;\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, Checkbox);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = Checkbox.__proto__ || (0, _getPrototypeOf2.default)(Checkbox)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n      switched: false\n    }, _this.handleStateChange = function (newSwitched) {\n      _this.setState({\n        switched: newSwitched\n      });\n    }, _this.handleCheck = function (event, isInputChecked) {\n      if (_this.props.onCheck) {\n        _this.props.onCheck(event, isInputChecked);\n      }\n    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(Checkbox, [{\n    key: 'componentWillMount',\n    value: function componentWillMount() {\n      var _props = this.props,\n          checked = _props.checked,\n          defaultChecked = _props.defaultChecked,\n          valueLink = _props.valueLink;\n\n      if (checked || defaultChecked || valueLink && valueLink.value) {\n        this.setState({\n          switched: true\n        });\n      }\n    }, {\n    key: 'componentWillReceiveProps',\n    value: function componentWillReceiveProps(nextProps) {\n      if (this.props.checked !== nextProps.checked) {\n        this.setState({\n          switched: nextProps.checked\n        });\n      }\n    }, {\n    key: 'isChecked',\n    value: function isChecked() {\n      return this.refs.enhancedSwitch.isSwitched();\n    }, {\n    key: 'setChecked',\n    value: function setChecked(newCheckedValue) {\n      this.refs.enhancedSwitch.setSwitched(newCheckedValue);\n    }, {\n    key: 'render',\n    value: function render() {\n      var _props2 = this.props,\n          iconStyle = _props2.iconStyle,\n          onCheck = _props2.onCheck,\n          checkedIcon = _props2.checkedIcon,\n          uncheckedIcon = _props2.uncheckedIcon,\n          other = (0, _objectWithoutProperties3.default)(_props2, ['iconStyle', 'onCheck', 'checkedIcon', 'uncheckedIcon']);\n\n      var styles = getStyles(this.props, this.context);\n      var boxStyles = (0, _simpleAssign2.default)(styles.box, this.state.switched && styles.boxWhenSwitched, iconStyle, this.props.disabled && styles.boxWhenDisabled);\n      var checkStyles = (0, _simpleAssign2.default)(styles.check, this.state.switched && styles.checkWhenSwitched, iconStyle, this.props.disabled && styles.checkWhenDisabled);\n      var checkedElement = checkedIcon ? _react2.default.cloneElement(checkedIcon, {\n        style: (0, _simpleAssign2.default)(checkStyles, checkedIcon.props.style)\n      }) :

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_react2.default.createElement(_checkBox2.default, {\n  style: checkStyles\n  });\n  var uncheckedElement
= uncheckedIcon ? _react2.default.cloneElement(uncheckedIcon, {\n  style: (0,
_simpleAssign2.default)(boxStyles, uncheckedIcon.props.style)\n  }):
_react2.default.createElement(_checkBoxOutlineBlank2.default, {\n  style: boxStyles\n  });\n\n  var
checkboxElement = _react2.default.createElement('div', null, uncheckedElement, checkedElement);\n\n  var
rippleColor = this.state.switched ? checkStyles.fill : boxStyles.fill;\n  var mergedIconStyle = (0,
_simpleAssign2.default)(styles.icon, iconStyle);\n  var labelStyle = (0, _simpleAssign2.default)(styles.label,
this.props.labelStyle);\n  var enhancedSwitchProps = {\n  ref: 'enhancedSwitch',\n  inputType:
'checkbox',\n  switched: this.state.switched,\n  switchElement: checkboxElement,\n  rippleColor:
rippleColor,\n  iconStyle: mergedIconStyle,\n  onSwitch: this.handleCheck,\n  labelStyle: labelStyle,\n
onParentShouldUpdate: this.handleStateChange,\n  labelPosition: this.props.labelPosition\n  };\n  return
_react2.default.createElement(_EnhancedSwitch2.default, (0, _extends3.default)({}, other,
enhancedSwitchProps));\n  }\n  });\n  return Checkbox;\n})(_react.Component);\n\nCheckbox.defaultProps = {\n
labelPosition: 'right',\n  disabled: false\n};\n\nCheckbox.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nCheckbox.propTypes = process.env.NODE_ENV !== "production" ?
{\n  /**\n   * Checkbox is checked if true.\n   * ^\n   checked: _propTypes2.default.bool,\n\n  /**\n   * The SvgIcon to
use for the checked state.\n   * This is useful to create icon toggles.\n   * ^\n   checkedIcon:
_propTypes2.default.element,\n\n  /**\n   * The default state of our checkbox component.\n   * **Warning:** This
cannot be used in conjunction with `checked`.\n   * Decide between using a controlled or uncontrolled input element
and remove one of these props.\n   * More info: https://fb.me/react-controlled-components\n   * ^\n   defaultChecked:
_propTypes2.default.bool,\n\n  /**\n   * Disabled if true.\n   * ^\n   disabled: _propTypes2.default.bool,\n\n  /**\n   *
Overrides the inline-styles of the icon element.\n   * ^\n   iconStyle: _propTypes2.default.object,\n\n  /**\n   *
Overrides the inline-styles of the input element.\n   * ^\n   inputStyle: _propTypes2.default.object,\n\n  /**\n   *
Where the label will be placed next to the checkbox.\n   * ^\n   labelPosition: _propTypes2.default.oneOf(['left',
'right']),\n\n  /**\n   * Overrides the inline-styles of the Checkbox element label.\n   * ^\n   labelStyle:
_propTypes2.default.object,\n\n  /**\n   * Callback function that is fired when the checkbox is checked.\n   * ^\n   *
@param {object} event `change` event targeting the underlying checkbox `input`.\n   * @param {boolean}
isInputChecked The `checked` value of the underlying checkbox `input`.\n   * ^\n   onChange:
_propTypes2.default.func,\n\n  /**\n   * Override the inline-styles of the root element.\n   * ^\n   style:
_propTypes2.default.object,\n\n  /**\n   * The SvgIcon to use for the unchecked state.\n   * This is useful to create
icon toggles.\n   * ^\n   uncheckedIcon: _propTypes2.default.element,\n\n  /**\n   * ValueLink for when using
controlled checkbox.\n   * ^\n   valueLink: _propTypes2.default.object\n  } : {};\n\nexports.default = Checkbox;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _pure = require('recompose/pure');\n\nvar
_pure2 = _interopRequireDefault(_pure);\n\nvar _SvgIcon = require('../SvgIcon');\n\nvar _SvgIcon2 =
_interopRequireDefault(_SvgIcon);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n  default: obj\n  };\n}\n\nvar ToggleCheckBoxOutlineBlank = function
ToggleCheckBoxOutlineBlank(props) {\n  return _react2.default.createElement(_SvgIcon2.default, props,
_react2.default.createElement('path', {\n  d: 'M19 5v14H5V5h14m0-2H5c-1.1 0-2 .9-2 2v14c0 1.1 9 2 2 2h14c1.1
0 2-9 2-2V5c0-1.1-9-2-2z'\n  }));\n};\n\nToggleCheckBoxOutlineBlank = (0,
_pure2.default)(ToggleCheckBoxOutlineBlank);\n\nToggleCheckBoxOutlineBlank.displayName =
'ToggleCheckBoxOutlineBlank';\n\nToggleCheckBoxOutlineBlank.muiName = 'SvgIcon';\n\nexports.default =
ToggleCheckBoxOutlineBlank;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _pure =
require('recompose/pure');\n\nvar _pure2 = _interopRequireDefault(_pure);\n\nvar _SvgIcon =
require('../SvgIcon');\n\nvar _SvgIcon2 = _interopRequireDefault(_SvgIcon);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n  default: obj\n  };\n}\n\nvar
ToggleCheckBox = function ToggleCheckBox(props) {\n  return _react2.default.createElement(_SvgIcon2.default,

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props, _react2.default.createElement('path', {\n  d: 'M19 3H5c-1.11 0-2 .9-2 2v14c0 1.1.89 2 2 2h14c1.11 0 2-.9 2-2V5c0-1.1-.89-2-2-2zm-9 14l-5-5 1.41-1.41L10 14.17l7.59-7.59L19 8l-9 9z'\n  }));\n);\n\nToggleCheckBox = (0,
_pure2.default)(ToggleCheckBox);\nToggleCheckBox.displayName =
'ToggleCheckBox';\nToggleCheckBox.muiName = 'SvgIcon';\nexports.default = ToggleCheckBox;","use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _keyCode = require('keycode');\n\nvar _keyCode2 =
_interopRequireDefault(_keyCode);\n\nvar _colorManipulator = require('./utils/colorManipulator');\n\nvar
_EnhancedButton = require('./internal/EnhancedButton');\n\nvar _EnhancedButton2 =
_interopRequireDefault(_EnhancedButton);\n\nvar _cancel = require('./svg-icons/navigation/cancel');\n\nvar
_cancel2 = _interopRequireDefault(_cancel);\n\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction getStyles(props, context, state) {\n  var chip =
context.muiTheme.chip;\n  var backgroundColor = props.backgroundColor || chip.backgroundColor;\n  var
focusColor = (0, _colorManipulator.emphasize)(backgroundColor, 0.08);\n  var pressedColor = (0,
_colorManipulator.emphasize)(backgroundColor, 0.12);\n  return {\n    avatar: {\n      marginRight: -4\n    },\n    deleteIcon: {\n      color: state.deleteHovered ? (0, _colorManipulator.fade)(chip.deleteIconColor, 0.4) :
chip.deleteIconColor,\n      cursor: 'pointer',\n      margin: '4px 4px 0px -8px'\n    },\n    label: {\n      color:
props.labelColor || chip.textColor,\n      fontSize: chip.fontSize,\n      fontWeight: chip.fontWeight,\n      lineHeight:
'32px',\n      paddingLeft: 12,\n      paddingRight: 12,\n      userSelect: 'none',\n      whiteSpace: 'nowrap'\n    },\n    root: {\n      backgroundColor: state.clicked ? pressedColor : state.focused || state.hovered ? focusColor :
backgroundColor,\n      borderRadius: 16,\n      boxShadow: state.clicked ? chip.shadow : null,\n      cursor:
props.onClick ? 'pointer' : 'default',\n      display: 'flex',\n      whiteSpace: 'nowrap',\n      width: 'fit-content'\n    }\n  };\n}\n\nvar Chip = function (_Component) {\n  (0, _inherits3.default)(Chip, _Component);\n\n  function Chip() {\n    var _ref;\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, Chip);\n\n    for (var _len =
arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = Chip.__proto__ || (0,
_getPrototypeOf2.default)(Chip))).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n      clicked: false,\n      deleteHovered: false,\n      focused: false,\n      hovered: false\n    }, _this.handleBlur = function (event) {\n      _this.setState({\n        clicked: false,\n        focused: false\n      });\n\n      _this.props.onBlur(event);\n    },
    _this.handleFocus = function (event) {\n      if (_this.props.onClick || _this.props.onRequestDelete) {\n        _this.setState({\n          focused: true\n        });\n      }\n\n      _this.props.onFocus(event);\n    },
    _this.handleKeyboardFocus = function (event, keyboardFocused) {\n      if (keyboardFocused) {\n        _this.handleFocus();\n      }\n\n      _this.props.onFocus(event);\n    } else {\n      _this.handleBlur();\n    }\n\n    _this.props.onKeyboardFocus(event, keyboardFocused);\n  }, _this.handleKeyDown = function (event) {\n    if
((0, _keyCode2.default)(event) === 'backspace') {\n      event.preventDefault();\n\n      if
(_this.props.onRequestDelete) {\n        _this.props.onRequestDelete(event);\n      }\n    }\n  }\n}

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_this.props.onKeyDown(event);\n  }, _this.handleMouseDown = function (event) {\n    // Only listen to left
clicks\n    if (event.button === 0) {\n      event.stopPropagation();\n\n      if (_this.props.onClick) {\n        _this.setState({\n          clicked: true\n        });\n      }\n    }\n\n    _this.props.onMouseDown(event);\n  },
_this.handleMouseEnter = function (event) {\n    if (_this.props.onClick) {\n      _this.setState({\n        hovered:
true\n      });\n    }\n\n    _this.props.onMouseEnter(event);\n  }, _this.handleMouseEnterDeleteIcon = function
()\n  {\n    _this.setState({\n      deleteHovered: true\n    });\n  }, _this.handleMouseLeave = function (event) {\n
    _this.setState({\n      clicked: false,\n      hovered: false\n    });\n\n    _this.props.onMouseLeave(event);\n  },
_this.handleMouseLeaveDeleteIcon = function () {\n    _this.setState({\n      deleteHovered: false\n    });\n  },
_this.handleMouseUp = function (event) {\n    _this.setState({\n      clicked: false\n    });\n\n    _this.props.onMouseUp(event);\n  }, _this.handleClickDeleteIcon = function (event) {\n    // Stop the event from
bubbling up to the `Chip`\n    event.stopPropagation();\n\n    _this.props.onRequestDelete(event);\n  },
_this.handleTouchEnd = function (event) {\n    _this.setState({\n      clicked: false\n    });\n\n    _this.props.onTouchEnd(event);\n  }, _this.handleTouchStart = function (event) {\n
    event.stopPropagation();\n\n    if (_this.props.onClick) {\n      _this.setState({\n        clicked: true\n      });\n    }\n\n    _this.props.onTouchStart(event);\n  }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n
}\n\n(0, _createClass3.default)(Chip, [{\n  key: 'render',\n  value: function render() {\n    var
buttonEventHandlers = {\n      onBlur: this.handleBlur,\n      onFocus: this.handleFocus,\n      onKeyDown:
this.handleKeyDown,\n      onMouseDown: this.handleMouseDown,\n      onMouseEnter:
this.handleMouseEnter,\n      onMouseLeave: this.handleMouseLeave,\n      onMouseUp: this.handleMouseUp,\n
      onTouchEnd: this.handleTouchEnd,\n      onTouchStart: this.handleTouchStart,\n      onKeyboardFocus:
this.handleKeyboardFocus\n    };\n    var prepareStyles = this.context.muiTheme.prepareStyles;\n    var styles =
getStyles(this.props, this.context, this.state);\n    var _props = this.props,\n        childrenProp = _props.children,\n
        containerElement = _props.containerElement,\n        style = _props.style,\n        className =
_props.className,\n        deleteIconStyle = _props.deleteIconStyle,\n        labelStyle = _props.labelStyle,\n
        labelColor = _props.labelColor,\n        backgroundColor = _props.backgroundColor,\n        onRequestDelete =
_props.onRequestDelete,\n        other = (0, _objectWithoutProperties3.default)(_props, ['children',
'containerElement', 'style', 'className', 'deleteIconStyle', 'labelStyle', 'labelColor', 'backgroundColor',
'onRequestDelete']);\n    var deletable = this.props.onRequestDelete;\n    var avatar = null;\n    var deleteIcon =
deletable ? _react2.default.createElement(_cancel2.default, {\n      color: styles.deleteIcon.color,\n      style: (0,
_simpleAssign2.default)(styles.deleteIcon, deleteIconStyle),\n      onClick: this.handleClickDeleteIcon,\n
      onMouseEnter: this.handleMouseEnterDeleteIcon,\n      onMouseLeave: this.handleMouseLeaveDeleteIcon\n    })
: null;\n    var children = childrenProp;\n\n    var childCount = _react2.default.Children.count(children); // If the
first child is an avatar, extract it and style it\n\n    if (childCount > 1) {\n      children =
_react2.default.Children.toArray(children);\n\n      if (_react2.default.isValidElement(children[0]) &&
children[0].type.muiName === 'Avatar') {\n        avatar = children.shift();\n        avatar =
_react2.default.cloneElement(avatar, {\n          style: (0, _simpleAssign2.default)(styles.avatar,
avatar.props.style),\n          size: 32\n        });\n      }\n\n      return
_react2.default.createElement(_EnhancedButton2.default, (0, _extends3.default)({}, other, buttonEventHandlers,
{\n        className: className,\n        containerElement: containerElement,\n        disableTouchRipple: true,\n
disableFocusRipple: true,\n        style: (0, _simpleAssign2.default)(styles.root, style)\n      }), avatar,
_react2.default.createElement('span', {\n        style: prepareStyles((0, _simpleAssign2.default)(styles.label,
labelStyle))\n      }, children), deleteIcon);\n    }\n  }]);\n  return Chip;\n})(_react.Component);\n\nChip.defaultProps
= {\n  containerElement: 'div',\n  // Firefox doesn't support nested buttons\n  onBlur: function onBlur() {},\n
onFocus: function onFocus() {},\n  onKeyDown: function onKeyDown() {},\n  onKeyboardFocus: function
onKeyboardFocus() {},\n  onMouseDown: function onMouseDown() {},\n  onMouseEnter: function
onMouseEnter() {},\n  onMouseLeave: function onMouseLeave() {},\n  onMouseUp: function onMouseUp() {},\n
onTouchEnd: function onTouchEnd() {},\n  onTouchStart: function onTouchStart() {};\n}\n\nChip.contextTypes =
{\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nChip.propTypes = process.env.NODE_ENV !==

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\"production\" ? {\n /**\n * Override the background color of the chip.\n *\n backgroundColor:
_propTypes2.default.string,\n\n /**\n * Used to render elements inside the Chip.\n *\n children:
_propTypes2.default.node,\n\n /**\n * CSS `className` of the root element.\n *\n className:
_propTypes2.default.node,\n\n /**\n * The element to use as the container for the Chip. Either a string to\n * use
a DOM element or a ReactElement.\n *\n containerElement:
_propTypes2.default.oneOfType([_propTypes2.default.string, _propTypes2.default.element]),\n\n /**\n *
Override the inline-styles of the delete icon.\n *\n deleteIconStyle: _propTypes2.default.object,\n\n /**\n *
Override the label color.\n *\n labelColor: _propTypes2.default.string,\n\n /**\n * Override the inline-styles of
the label.\n *\n labelStyle: _propTypes2.default.object,\n\n /** @ignore *\n onBlur:
_propTypes2.default.func,\n\n /**\n * Callback function fired when the `Chip` element is clicked.\n *\n *
@param {object} event Click event targeting the element.\n *\n onClick: _propTypes2.default.func,\n\n /**
@ignore *\n onFocus: _propTypes2.default.func,\n\n /** @ignore *\n onKeyDown:
_propTypes2.default.func,\n\n /** @ignore *\n onKeyboardFocus: _propTypes2.default.func,\n\n /** @ignore
*\n onMouseDown: _propTypes2.default.func,\n\n /** @ignore *\n onMouseEnter:
_propTypes2.default.func,\n\n /** @ignore *\n onMouseLeave: _propTypes2.default.func,\n\n /** @ignore *\n
onMouseUp: _propTypes2.default.func,\n\n /**\n * Callback function fired when the delete icon is clicked. If set,
the delete icon will be shown.\n * @param {object} event `click` event targeting the element.\n *\n
onRequestDelete: _propTypes2.default.func,\n\n /** @ignore *\n onTouchEnd: _propTypes2.default.func,\n\n
/** @ignore *\n onTouchStart: _propTypes2.default.func,\n\n /**\n * Override the inline-styles of the root
element.\n *\n style: _propTypes2.default.object\n } : {};\n\nexports.default = Chip;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _pure = require('recompose/pure');\n\nvar
_pure2 = _interopRequireDefault(_pure);\n\nvar _SvgIcon = require('../SvgIcon');\n\nvar _SvgIcon2 =
_interopRequireDefault(_SvgIcon);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ?
obj : {\n default: obj\n };\n}\n\nvar NavigationCancel = function NavigationCancel(props) {\n return
_react2.default.createElement(_SvgIcon2.default, props, _react2.default.createElement('path', {\n d: 'M12 2C6.47
2 6.47 2 12s4.47 10 10 10-4.47 10-10S17.53 2 12 2zm5 13.59L15.59 17 12 13.41 8.41 17 7 15.59 10.59 12 7
8.41 8.41 7 12 10.59 15.59 7 17 8.41 13.41 12 17 15.59z'\n }));\n}\n\nNavigationCancel = (0,
_pure2.default)(NavigationCancel);\n\nNavigationCancel.displayName =
'NavigationCancel';\n\nNavigationCancel.muiName = 'SvgIcon';\n\nexports.default = NavigationCancel;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _autoPrefix = require('../utils/autoPrefix');\n\nvar
_autoPrefix2 = _interopRequireDefault(_autoPrefix);\n\nvar _transitions = require('../styles/transitions');\n\nvar
_transitions2 = _interopRequireDefault(_transitions);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };\n}\n\nfunction getRelativeValue(value, min, max) {\n var

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clampedValue = Math.min(Math.max(min, value), max);\n return clampedValue / (max - min);\n}\n\nfunction
getArcLength(fraction, props) {\n return fraction * Math.PI * (props.size - props.thickness);\n}\n\nfunction
getStyles(props, context) {\n var max = props.max,\n min = props.min,\n size = props.size,\n value =
props.value;\n var palette = context.muiTheme.baseTheme.palette;\n var styles = {\n root: {\n position:
'relative',\n display: 'inline-block',\n width: size,\n height: size\n },\n wrapper: {\n width: size,\n
height: size,\n display: 'inline-block',\n transition: _transitions2.default.create('transform', '20s', null, 'linear'),\n
transitionTimingFunction: 'linear'\n },\n svg: {\n width: size,\n height: size,\n position: 'relative'\n
},\n path: {\n stroke: props.color || palette.primary1Color,\n strokeLinecap: 'round',\n transition:
_transitions2.default.create('all', '1.5s', null, 'ease-in-out')\n }\n };\n\n if (props.mode === 'determinate') {\n var
relVal = getRelativeValue(value, min, max);\n styles.path.transition = _transitions2.default.create('all', '0.3s', null,
'linear');\n styles.path.strokeDasharray = getArcLength(relVal, props) + ', ' + getArcLength(1, props);\n }\n\n
return styles;\n}\n\n\nvar CircularProgress = function (_Component) {\n (0, _inherits3.default)(CircularProgress,
_Component);\n\n function CircularProgress() {\n (0, _classCallCheck3.default)(this, CircularProgress);\n
return (0, _possibleConstructorReturn3.default)(this, (CircularProgress.__proto__ || (0,
_getPrototypeOf2.default)(CircularProgress)).apply(this, arguments));\n }\n\n (0,
_createClass3.default)(CircularProgress, [{\n key: 'componentDidMount',\n value: function
componentDidMount() {\n this.scalePath(this.refs.path);\n this.rotateWrapper(this.refs.wrapper);\n }\n },
{\n key: 'componentWillUnmount',\n value: function componentWillUnmount() {\n
clearTimeout(this.scalePathTimer);\n clearTimeout(this.rotateWrapperTimer);\n }\n }, {\n key: 'scalePath',\n
value: function scalePath(path) {\n var _this2 = this;\n var step = arguments.length > 1 && arguments[1]
!== undefined ? arguments[1] : 0;\n if (this.props.mode !== 'indeterminate') return;\n step %= 3;\n\n if
(step === 0) {\n path.style.strokeDasharray = getArcLength(0, this.props) + ', ' + getArcLength(1, this.props);\n
path.style.strokeDashoffset = 0;\n path.style.transitionDuration = '0ms';\n } else if (step === 1) {\n
path.style.strokeDasharray = getArcLength(0.7, this.props) + ', ' + getArcLength(1, this.props);\n
path.style.strokeDashoffset = getArcLength(-0.3, this.props);\n path.style.transitionDuration = '750ms';\n }
else {\n path.style.strokeDasharray = getArcLength(0.7, this.props) + ', ' + getArcLength(1, this.props);\n
path.style.strokeDashoffset = getArcLength(-1, this.props);\n path.style.transitionDuration = '850ms';\n }\n\n
this.scalePathTimer = setTimeout(function () {\n return _this2.scalePath(path, step + 1);\n }, step ? 750 :
250);\n }\n }, {\n key: 'rotateWrapper',\n value: function rotateWrapper(wrapper) {\n var _this3 = this;\n\n
if (this.props.mode !== 'indeterminate') return;\n\n _autoPrefix2.default.set(wrapper.style, 'transform',
'rotate(0deg)');\n\n _autoPrefix2.default.set(wrapper.style, 'transitionDuration', '0ms');\n\n setTimeout(function
() {\n _autoPrefix2.default.set(wrapper.style, 'transform', 'rotate(180deg)');\n\n
_autoPrefix2.default.set(wrapper.style, 'transitionDuration', '10s');\n\n _autoPrefix2.default.set(wrapper.style,
'transitionTimingFunction', 'linear');\n }, 50);\n this.rotateWrapperTimer = setTimeout(function () {\n
return _this3.rotateWrapper(wrapper);\n }, 10050);\n }\n }, {\n key: 'render',\n value: function render() {\n
var _props = this.props,\n style = _props.style,\n innerStyle = _props.innerStyle,\n size =
_props.size,\n thickness = _props.thickness,\n other = (0, _objectWithoutProperties3.default)(_props,
['style', 'innerStyle', 'size', 'thickness']);\n var prepareStyles = this.context.muiTheme.prepareStyles;\n var
styles = getStyles(this.props, this.context);\n return _react2.default.createElement('div', (0, _extends3.default)({},
other, {\n style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n })),\n
_react2.default.createElement('div', {\n ref: 'wrapper',\n style: prepareStyles((0,
_simpleAssign2.default)(styles.wrapper, innerStyle))\n }, _react2.default.createElement('svg', {\n viewBox:
'0 0 ' + size + ' ' + size,\n style: prepareStyles(styles.svg)\n }, _react2.default.createElement('circle', {\n
ref: 'path',\n style: prepareStyles(styles.path),\n cx: size / 2,\n cy: size / 2,\n r: (size - thickness) /
2,\n fill: 'none',\n strokeWidth: thickness,\n strokeMiterlimit: '20'\n })))));\n }\n }]);\n return
CircularProgress;\n})(_react.Component);\n\nCircularProgress.defaultProps = {\n mode: 'indeterminate',\n value:
0,\n min: 0,\n max: 100,\n size: 40,\n thickness: 3.5\n};\n\nCircularProgress.contextTypes = {\n muiTheme:
_propTypes2.default.object.isRequired\n};\n\nCircularProgress.propTypes = process.env.NODE_ENV !==

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\"production\" ? {\n /**\n * Override the progress's color.\n */\n color: _propTypes2.default.string,\n\n /**\n * Style for inner wrapper div.\n */\n innerStyle: _propTypes2.default.object,\n\n /**\n * The max value of progress, only works in determinate mode.\n */\n max: _propTypes2.default.number,\n\n /**\n * The min value of progress, only works in determinate mode.\n */\n min: _propTypes2.default.number,\n\n /**\n * The mode of show your progress, indeterminate\n * for when there is no value for progress.\n */\n mode: _propTypes2.default.oneOf(['determinate', 'indeterminate']),\n\n /**\n * The diameter of the progress in pixels.\n */\n size: _propTypes2.default.number,\n\n /**\n * Override the inline-styles of the root element.\n */\n style: _propTypes2.default.object,\n\n /**\n * Stroke width in pixels.\n */\n thickness: _propTypes2.default.number,\n\n /**\n * The value of progress, only works in determinate mode.\n */\n value: _propTypes2.default.number\n} : {};\nexports.default = CircularProgress;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\nvar _extends3 = _interopRequireDefault(_extends2);\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\nvar _createClass2 = require('babel-runtime/helpers/createClass');\nvar _createClass3 = _interopRequireDefault(_createClass2);\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\nvar _inherits2 = require('babel-runtime/helpers/inherits');\nvar _inherits3 = _interopRequireDefault(_inherits2);\nvar _simpleAssign = require('simple-assign');\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\nvar _react = require('react');\nvar _react2 = _interopRequireDefault(_react);\nvar _propTypes = require('prop-types');\nvar _propTypes2 = _interopRequireDefault(_propTypes);\nvar _dateUtils = require('./dateUtils');\nvar _DatePickerDialog = require('./DatePickerDialog');\nvar _DatePickerDialog2 = _interopRequireDefault(_DatePickerDialog);\nvar _TextField = require('./TextField');\nvar _TextField2 = _interopRequireDefault(_TextField);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };}\n\nvar DatePicker = function (_Component) {\n  (0, _inherits3.default)(DatePicker, _Component);\n\n  function DatePicker() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, DatePicker);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = DatePicker.__proto__ || (0, _getPrototypeOf2.default)(DatePicker)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n      date: undefined\n    }, _this.handleAccept = function (date) {\n      if (!_this.isControlled()) {\n        _this.setState({\n          date: date\n        });\n      }\n    }, if (_this.props.onChange) {\n      _this.props.onChange(null, date);\n    }, _this.handleFocus = function (event) {\n      event.target.blur();\n      if (_this.props.onFocus) {\n        _this.props.onFocus(event);\n      }\n    }, _this.handleClick = function (event) {\n      if (_this.props.onClick) {\n        _this.props.onClick(event);\n      }\n      if (!_this.props.disabled) {\n        setTimeout(function () {\n          _this.openDialog();\n        }, 0);\n      }\n    }, _this.formatDate = function (date) {\n      if (_this.props.locale) {\n        var DateTimeFormat = _this.props.DateTimeFormat || _dateUtils.dateTimeFormat;\n        return new DateTimeFormat(_this.props.locale, {\n          day: 'numeric',\n          month: 'numeric',\n          year: 'numeric'\n        }).format(date);\n      } else {\n        return (0, _dateUtils.formatIso)(date);\n      }\n    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(DatePicker, [{\n    key: 'componentWillMount',\n    value: function componentWillMount() {\n      this.setState({\n        date: this.isControlled() ? this.getControlledDate() : this.props.defaultDate\n      });\n    }\n  }, {\n    key: 'componentWillReceiveProps',\n    value: function componentWillReceiveProps(nextProps) {\n      if (this.isControlled()) {\n        var newDate = this.getControlledDate(nextProps);\n        if (!0,

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_dateUtils.isEqualDate)(this.state.date, newDate)) {\n      this.setState({\n        date: newDate\n      });\n    }\n  }\n }, {\n key: 'getDate',\n value: function getDate() {\n return this.state.date;\n }}\n /**\n * Open the date-picker dialog programmatically from a parent.\n */\n }, {\n key: 'openDialog',\n value: function openDialog() {\n /**\n * if the date is not selected then set it to new date\n * (get the current system date while doing so)\n * else set it to the currently selected date\n */\n if (this.state.date !== undefined) {\n this.setState({\n dialogDate: this.getDate()\n }, this.refs.dialogWindow.show);\n } else {\n this.setState({\n dialogDate: new Date()\n }, this.refs.dialogWindow.show);\n }\n }\n /**\n * Alias for `openDialog()` for an api consistent with TextField.\n */\n }, {\n key: 'focus',\n value: function focus() {\n this.openDialog();\n }}\n }, {\n key: 'isControlled',\n value: function isControlled() {\n return this.props.hasOwnProperty('value');\n }}\n }, {\n key: 'getControlledDate',\n value: function getControlledDate() {\n var props = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : this.props;\n if (props.value instanceof Date) {\n return props.value;\n }\n }}\n }, {\n key: 'render',\n value: function render() {\n var _props = this.props,\n DateTimeFormat = _props.DateTimeFormat,\n autoOk = _props.autoOk,\n cancelLabel = _props.cancelLabel,\n className = _props.className,\n container = _props.container,\n defaultDate = _props.defaultDate,\n dialogContainerStyle = _props.dialogContainerStyle,\n disableYearSelection = _props.disableYearSelection,\n firstDayOfWeek = _props.firstDayOfWeek,\n formatDateProp = _props.formatDate,\n locale = _props.locale,\n maxDate = _props.maxDate,\n minDate = _props.minDate,\n mode = _props.mode,\n okLabel = _props.okLabel,\n onDismiss = _props.onDismiss,\n onFocus = _props.onFocus,\n onShow = _props.onShow,\n onClick = _props.onClick,\n openToYearSelection = _props.openToYearSelection,\n shouldDisableDate = _props.shouldDisableDate,\n hideCalendarDate = _props.hideCalendarDate,\n style = _props.style,\n textFieldStyle = _props.textFieldStyle,\n utils = _props.utils,\n other = (0, _objectWithoutProperties3.default)(_props, ['DateTimeFormat', 'autoOk', 'cancelLabel', 'className', 'container', 'defaultDate', 'dialogContainerStyle', 'disableYearSelection', 'firstDayOfWeek', 'formatDate', 'locale', 'maxDate', 'minDate', 'mode', 'okLabel', 'onDismiss', 'onFocus', 'onShow', 'onClick', 'openToYearSelection', 'shouldDisableDate', 'hideCalendarDate', 'style', 'textFieldStyle', 'utils']);\n var prepareStyles = this.context.muiTheme.prepareStyles;\n var formatDate = formatDateProp || this.formatDate;\n return _react2.default.createElement('div', {\n className: className,\n style: prepareStyles((0, _simpleAssign2.default)({}, style))\n }, _react2.default.createElement(_TextField2.default, (0, _extends3.default)({}, other, {\n onFocus: this.handleFocus,\n onClick: this.handleClick,\n ref: 'input',\n style: textFieldStyle,\n value: this.state.date ? formatDate(this.state.date) : "\n })),\n _react2.default.createElement(_DatePickerDialog2.default, {\n DateTimeFormat: DateTimeFormat,\n autoOk: autoOk,\n cancelLabel: cancelLabel,\n container: container,\n containerStyle: dialogContainerStyle,\n disableYearSelection: disableYearSelection,\n firstDayOfWeek: firstDayOfWeek,\n initialDate: this.state.dialogDate,\n locale: locale,\n maxDate: maxDate,\n minDate: minDate,\n mode: mode,\n okLabel: okLabel,\n onAccept: this.handleAccept,\n onShow: onShow,\n onDismiss: onDismiss,\n ref: 'dialogWindow',\n shouldDisableDate: shouldDisableDate,\n hideCalendarDate: hideCalendarDate,\n openToYearSelection: openToYearSelection,\n utils: utils\n }));\n }\n }));\n return DatePicker;)(_react.Component);\n\nDatePicker.defaultProps = {\n autoOk: false,\n container: 'dialog',\n disabled: false,\n disableYearSelection: false,\n firstDayOfWeek: 1,\n hideCalendarDate: false,\n style: {},\n openToYearSelection: false\n};\n\nDatePicker.contextTypes = {\n muiTheme: _propTypes2.default.object.isRequired\n};\n\nDatePicker.propTypes = process.env.NODE_ENV !== "production" ? {\n /**\n * Constructor for date formatting for the specified `locale`\n * The constructor must follow this specification: ECMAScript Internationalization API 1.0 (ECMA-402).\n * `Intl.DateTimeFormat` is supported by most modern browsers, see http://caniuse.com/#search=intl,\n * otherwise https://github.com/andyearnshaw/Intl.js is a good polyfill.\n * By default, a built-in `DateTimeFormat` is used which supports the `en-US` `locale`\n */\n DateTimeFormat: _propTypes2.default.func,\n /**\n * If true, automatically accept and close the picker on select a date.\n */\n autoOk: _propTypes2.default.bool,\n /**\n * Override the default text of the 'Cancel'

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button.\n */\n cancelLabel: _propTypes2.default.node,\n\n /**\n * The css class name of the root element.\n */\n className: _propTypes2.default.string,\n\n /**\n * Used to control how the Date Picker will be displayed when the input field is focused.\n * `dialog` (default) displays the DatePicker as a dialog with a modal.\n * `inline` displays the DatePicker below the input field (similar to auto complete).\n */\n container: _propTypes2.default.oneOf(['dialog', 'inline']),\n\n /**\n * This is the initial date value of the component.\n * If either `value` or `valueLink` is provided they will override this\n * prop with `value` taking precedence.\n */\n defaultDate: _propTypes2.default.object,\n\n /**\n * Override the inline-styles of DatePickerDialog's Container element.\n */\n dialogContainerStyle: _propTypes2.default.object,\n\n /**\n * Disables the year selection in the date picker.\n */\n disableYearSelection: _propTypes2.default.bool,\n\n /**\n * Disables the DatePicker.\n */\n disabled: _propTypes2.default.bool,\n\n /**\n * Used to change the first day of week. It varies from\n * Saturday to Monday between different locales.\n * The allowed range is 0 (Sunday) to 6 (Saturday).\n * The default is `1`, Monday, as per ISO 8601.\n */\n firstDayOfWeek: _propTypes2.default.number,\n\n /**\n * This function is called to format the date displayed in the input field, and should return a string.\n * By default if no `locale` and `DateTimeFormat` is provided date objects are formatted to ISO 8601 YYYY-MM-DD.\n */\n * @param {object} date Date object to be formatted.\n * @returns {any} The formatted date.\n */\n formatDate: _propTypes2.default.func,\n\n /**\n * Hide date display\n */\n hideCalendarDate: _propTypes2.default.bool,\n\n /**\n * Locale used for formatting the `DatePicker` date strings. Other than for 'en-US', you\n * must provide a `DateTimeFormat` that supports the chosen `locale`.\n */\n locale: _propTypes2.default.string,\n\n /**\n * The ending of a range of valid dates. The range includes the endDate.\n * The default value is current date + 100 years.\n */\n maxDate: _propTypes2.default.object,\n\n /**\n * The beginning of a range of valid dates. The range includes the startDate.\n * The default value is current date - 100 years.\n */\n minDate: _propTypes2.default.object,\n\n /**\n * Tells the component to display the picker in portrait or landscape mode.\n */\n mode: _propTypes2.default.oneOf(['portrait', 'landscape']),\n\n /**\n * Override the default text of the 'OK' button.\n */\n okLabel: _propTypes2.default.node,\n\n /**\n * Callback function that is fired when the date value changes.\n * @param {null} null Since there is no particular event associated with the change,\n * the first argument will always be null.\n * @param {object} date The new date.\n */\n onChange: _propTypes2.default.func,\n\n /**\n * Callback function that is fired when a click event occurs on the Date Picker's `TextField`.\n * @param {object} event Click event targeting the `TextField`.\n */\n onClick: _propTypes2.default.func,\n\n /**\n * Callback function that is fired when the Date Picker's dialog is dismissed.\n */\n onDismiss: _propTypes2.default.func,\n\n /**\n * Callback function that is fired when the Date Picker's `TextField` gains focus.\n */\n onFocus: _propTypes2.default.func,\n\n /**\n * Callback function that is fired when the Date Picker's dialog is shown.\n */\n onShow: _propTypes2.default.func,\n\n /**\n * If true sets the datepicker to open to year selection first.\n */\n openToYearSelection: _propTypes2.default.bool,\n\n /**\n * Callback function used to determine if a day's entry should be disabled on the calendar.\n * @param {object} day Date object of a day.\n * @returns {boolean} Indicates whether the day should be disabled.\n */\n shouldDisableDate: _propTypes2.default.func,\n\n /**\n * Override the inline-styles of the root element.\n */\n style: _propTypes2.default.object,\n\n /**\n * Override the inline-styles of DatePicker's TextField element.\n */\n textFieldStyle: _propTypes2.default.object,\n\n /**\n * This object should contain methods needed to build the calendar system.\n * Useful for building a custom calendar system. Refer to the\n * [source code](https://github.com/mui-org/material-ui/blob/v0.x/src/DatePicker/dateUtils.js)\n * and an [example implementation](https://github.com/alitaheri/material-ui-persian-date-picker-utils)\n * for more information.\n */\n utils: _propTypes2.default.object,\n\n /**\n * Sets the date for the Date Picker programmatically.\n */\n value: _propTypes2.default.object\n} : {};\n\n exports.default = DatePicker;","use strict";\n\n Object.defineProperty(exports, "__esModule", {\n value: true\n});\n\n var _extends2 = require('babel-runtime/helpers/extends');\n\n var _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\n var _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\n var _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\n var _getPrototypeOf2 =

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_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactEventListener = require('react-event-
listener');\n\nvar _reactEventListener2 = _interopRequireDefault(_reactEventListener);\n\nvar _keyCode =
require('keycode');\n\nvar _keyCode2 = _interopRequireDefault(_keyCode);\n\nvar _Calendar =
require('./Calendar');\n\nvar _Calendar2 = _interopRequireDefault(_Calendar);\n\nvar _Dialog =
require('./Dialog');\n\nvar _Dialog2 = _interopRequireDefault(_Dialog);\n\nvar _Popover =
require('./Popover/Popover');\n\nvar _Popover2 = _interopRequireDefault(_Popover);\n\nvar
_PopoverAnimationVertical = require('./Popover/PopoverAnimationVertical');\n\nvar _PopoverAnimationVertical2 =
_interopRequireDefault(_PopoverAnimationVertical);\n\nvar _dateUtils = require('./dateUtils');\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar
DatePickerDialog = function (_Component) {\n  (0, _inherits3.default)(DatePickerDialog, _Component);\n\n  function DatePickerDialog() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this,
DatePickerDialog);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n
      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = DatePickerDialog.__proto__ || (0,
_getPrototypeOf2.default)(DatePickerDialog)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n
      open:
false\n    }, _this.show = function () {\n      if (_this.props.onShow && !_this.state.open) {\n
        _this.props.onShow();\n      }\n\n      _this.setState({\n        open: true\n      });\n    }, _this.dismiss = function () {\n
      if (_this.props.onDismiss && _this.state.open) {\n        _this.props.onDismiss();\n      }\n\n      _this.setState({\n
        open: false\n      });\n    }, _this.handleClickDay = function () {\n      if (_this.props.autoOk) {\n
        setTimeout(_this.handleClickOk, 300);\n      }\n    }, _this.handleClickCancel = function () {\n      _this.dismiss();\n
    }, _this.handleRequestClose = function () {\n      _this.dismiss();\n    }, _this.handleClickOk = function () {\n      if
(_this.props.onAccept && !_this.refs.calendar.isSelectedDateDisabled()) {\n        _this.props.onAccept(_this.refs.calendar.getSelectedDate());\n      }\n\n      _this.setState({\n        open: false\n
      });\n    }, _this.handleWindowKeyUp = function (event) {\n      switch ((0, _keyCode2.default)(event)) {\n        case
'enter':\n          _this.handleClickOk();\n          break;\n      }\n    }, _temp), (0,
_possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(DatePickerDialog, [{\n    key:
'render',\n    value: function render() {\n      var _props = this.props,\n          DateTimeFormat =
_props.DateTimeFormat,\n          autoOk = _props.autoOk,\n          cancelLabel = _props.cancelLabel,\n
          container = _props.container,\n          containerStyle = _props.containerStyle,\n          disableYearSelection =
_props.disableYearSelection,\n          initialDate = _props.initialDate,\n          firstDayOfWeek =
_props.firstDayOfWeek,\n          locale = _props.locale,\n          maxDate = _props.maxDate,\n          minDate =
_props.minDate,\n          mode = _props.mode,\n          okLabel = _props.okLabel,\n          onAccept =
_props.onAccept,\n          onDismiss = _props.onDismiss,\n          onShow = _props.onShow,\n
          openToYearSelection = _props.openToYearSelection,\n          shouldDisableDate = _props.shouldDisableDate,\n
          hideCalendarDate = _props.hideCalendarDate,\n          style = _props.style,\n          animation =
_props.animation,\n          utils = _props.utils,\n          other = (0, _objectWithoutProperties3.default)(_props,
['DateTimeFormat', 'autoOk', 'cancelLabel', 'container', 'containerStyle', 'disableYearSelection', 'initialDate',
'firstDayOfWeek', 'locale', 'maxDate', 'minDate', 'mode', 'okLabel', 'onAccept', 'onDismiss', 'onShow',
'openToYearSelection', 'shouldDisableDate', 'hideCalendarDate', 'style', 'animation', 'utils']);\n      var open =

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this.state.open;\n    var styles = {\n      dialogContent: {\n        width: !hideCalendarDate && mode ===
'landscape' ? 479 : 310\n      },\n      dialogBodyContent: {\n        padding: 0,\n        minHeight:
hideCalendarDate || mode === 'landscape' ? 330 : 434,\n        minWidth: hideCalendarDate || mode !== 'landscape'
? 310 : 479\n      }\n    };\n    var Container = container === 'inline' ? _Popover2.default : _Dialog2.default;\n    return _react2.default.createElement('div', (0, _extends3.default)({}, other, {\n      ref: 'root'\n    })),
_react2.default.createElement(Container, {\n      anchorEl: this.refs.root // For Popover\n    },\n    animation:
animation || _PopoverAnimationVertical2.default // For Popover\n    },\n    bodyStyle:
styles.dialogBodyContent,\n    contentStyle: styles.dialogContent,\n    ref: 'dialog',\n    repositionOnUpdate:
true,\n    open: open,\n    onRequestClose: this.handleRequestClose,\n    style: (0,
_simpleAssign2.default)(styles.dialogBodyContent, containerStyle)\n    },
_react2.default.createElement(_reactEventListener2.default, {\n      target: 'window',\n      onKeyUp:
this.handleWindowKeyUp\n    }), _react2.default.createElement(_Calendar2.default, {\n      autoOk: autoOk,\n
DateTimeFormat: DateTimeFormat,\n      cancelLabel: cancelLabel,\n      disableYearSelection:
disableYearSelection,\n      firstDayOfWeek: firstDayOfWeek,\n      initialDate: initialDate,\n      locale: locale,\n
onClickDay: this.handleClickDay,\n      maxDate: maxDate,\n      minDate: minDate,\n      mode: mode,\n
open: open,\n      ref: 'calendar',\n      onClickCancel: this.handleClickCancel,\n      onClickOk:
this.handleClickOk,\n      okLabel: okLabel,\n      openToYearSelection: openToYearSelection,\n
shouldDisableDate: shouldDisableDate,\n      hideCalendarDate: hideCalendarDate,\n      utils: utils\n    }));\n  }\n  });\n  return DatePickerDialog;\n})(_react.Component);\n\nDatePickerDialog.defaultProps = {\n
DateTimeFormat: _dateUtils.dateTimeFormat,\n  cancelLabel: 'Cancel',\n  container: 'dialog',\n  locale: 'en-US',\n
okLabel: 'OK',\n  openToYearSelection: false\n};\n\nDatePickerDialog.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nDatePickerDialog.propTypes = process.env.NODE_ENV !==
'production' ? {\n  DateTimeFormat: _propTypes2.default.func,\n  animation: _propTypes2.default.func,\n
autoOk: _propTypes2.default.bool,\n  cancelLabel: _propTypes2.default.node,\n  container:
_propTypes2.default.oneOf(['dialog', 'inline']),\n  containerStyle: _propTypes2.default.object,\n
disableYearSelection: _propTypes2.default.bool,\n  firstDayOfWeek: _propTypes2.default.number,\n
hideCalendarDate: _propTypes2.default.bool,\n  initialDate: _propTypes2.default.object,\n  locale:
_propTypes2.default.string,\n  maxDate: _propTypes2.default.object,\n  minDate: _propTypes2.default.object,\n
mode: _propTypes2.default.oneOf(['portrait', 'landscape']),\n  okLabel: _propTypes2.default.node,\n  onAccept:
_propTypes2.default.func,\n  onDismiss: _propTypes2.default.func,\n  onShow: _propTypes2.default.func,\n  open:
_propTypes2.default.bool,\n  openToYearSelection: _propTypes2.default.bool,\n  shouldDisableDate:
_propTypes2.default.func,\n  style: _propTypes2.default.object,\n  utils: _propTypes2.default.object\n} :
{};\n\nexports.default = DatePickerDialog;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n
value: true\n});\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar
_getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _toConsumableArray2 =
require('babel-runtime/helpers/toConsumableArray');\n\nvar _toConsumableArray3 =
_interopRequireDefault(_toConsumableArray2);\n\nvar _react = require('react');\n\nvar _react2 =
_interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =
_interopRequireDefault(_propTypes);\n\nvar _reactEventListener = require('react-event-listener');\n\nvar
_reactEventListener2 = _interopRequireDefault(_reactEventListener);\n\nvar _keycode = require('keycode');\n\nvar
_keycode2 = _interopRequireDefault(_keycode);\n\nvar _transitions = require('./styles/transitions');\n\nvar
_transitions2 = _interopRequireDefault(_transitions);\n\nvar _CalendarActionButtons =

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require('./CalendarActionButtons');\n\nvar _CalendarActionButtons2 =
_interopRequireDefault(_CalendarActionButtons);\n\nvar _CalendarMonth = require('./CalendarMonth');\n\nvar
_CalendarMonth2 = _interopRequireDefault(_CalendarMonth);\n\nvar _CalendarYear =
require('./CalendarYear');\n\nvar _CalendarYear2 = _interopRequireDefault(_CalendarYear);\n\nvar
_CalendarToolbar = require('./CalendarToolbar');\n\nvar _CalendarToolbar2 =
_interopRequireDefault(_CalendarToolbar);\n\nvar _DateDisplay = require('./DateDisplay');\n\nvar _DateDisplay2
= _interopRequireDefault(_DateDisplay);\n\nvar _SlideIn = require('./internal/SlideIn');\n\nvar _SlideIn2 =
_interopRequireDefault(_SlideIn);\n\nvar _dateUtils = require('./dateUtils');\n\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : { default: obj }\n};\n\n\nvar daysArray
= [].concat((0, _toConsumableArray3.default)(Array(7)));\n\n\nvar Calendar = function (_Component) {\n  (0,
_inherits3.default)(Calendar, _Component);\n\n\n  function Calendar() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, Calendar);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0;
_key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = Calendar.__proto__ || (0,
_getPrototypeOf2.default)(Calendar)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n      displayDate:
undefined,\n      displayMonthDay: undefined,\n      selectedDate: undefined,\n      transitionDirection: 'left',\n      transitionEnter: true\n    }, _this.calendarRefs = {}, _this.handleClickDay = function (event, date) {\n      _this.setSelectedDate(date);\n\n      if (_this.props.onClickDay) _this.props.onClickDay(event, date);\n    },
_this.handleMonthChange = function (months) {\n      var nextDirection = _this.context.muiTheme.isRtl ? 'right' :
'left';\n      var prevDirection = _this.context.muiTheme.isRtl ? 'left' : 'right';\n      var direction = months >= 0 ?
nextDirection : prevDirection;\n\n      _this.setState({\n        transitionDirection: direction,\n        displayDate:
_this.props.utils.addMonths(_this.state.displayDate, months)\n      });\n    }, _this.handleClickYear = function (event,
year) {\n      _this.setSelectedDate(_this.props.utils.setYear(_this.state.selectedDate, year), event);\n\n      _this.handleClickDateDisplayMonthDay();\n    }, _this.handleClickDateDisplayMonthDay = function () {\n      _this.setState({\n        displayMonthDay: true\n      });\n    }, _this.handleClickDateDisplayYear = function () {\n      _this.setState({\n        displayMonthDay: false\n      });\n    }, _this.handleWindowKeyDown = function (event) {\n      if (_this.props.open) {\n        var nextArrow = _this.context.muiTheme.isRtl ? 'left' : 'right';\n        var prevArrow =
_this.context.muiTheme.isRtl ? 'right' : 'left';\n\n        switch ((0, _keyCode2.default)(event)) {\n          case 'up':\n            if (event.altKey && event.shiftKey) {\n              _this.addSelectedYears(-1);\n            } else if (event.shiftKey) {\n              _this.addSelectedMonths(-1);\n            } else {\n              _this.addSelectedDays(-7);\n            }\n\n            break;\n\n          case 'down':\n            if (event.altKey && event.shiftKey) {\n              _this.addSelectedYears(1);\n            } else if (event.shiftKey) {\n              _this.addSelectedMonths(1);\n            } else {\n              _this.addSelectedDays(7);\n            }\n\n            break;\n\n          case nextArrow:\n            if (event.altKey &&
event.shiftKey) {\n              _this.addSelectedYears(1);\n            } else if (event.shiftKey) {\n              _this.addSelectedMonths(1);\n            } else {\n              _this.addSelectedDays(1);\n            }\n\n            break;\n\n          case prevArrow:\n            if (event.altKey && event.shiftKey) {\n              _this.addSelectedYears(-1);\n            }
else if (event.shiftKey) {\n              _this.addSelectedMonths(-1);\n            } else {\n              _this.addSelectedDays(-1);\n            }\n\n            break;\n        }\n      }\n    }, _temp), (0,
_possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(Calendar, [{\n    key:
'componentWillMount',\n    value: function componentWillMount() {\n      this.setState({\n        displayDate:
this.props.utils.getFirstDayOfMonth(this.props.initialDate),\n        selectedDate: this.props.initialDate,\n        displayMonthDay: !this.props.openToYearSelection\n      });\n    },\n    key: 'componentWillReceiveProps',\n    value: function componentWillReceiveProps(nextProps) {\n      if (nextProps.initialDate !== this.props.initialDate) {\n        var date = nextProps.initialDate || new Date();\n        this.setState({\n          displayDate:
this.props.utils.getFirstDayOfMonth(date),\n          selectedDate: date\n        });\n      }\n    },\n    key:
'getMinDate',\n    value: function getMinDate() {\n      return this.props.minDate || this.props.utils.addYears(new
Date(), -100);\n    },\n    key: 'getMaxDate',\n    value: function getMaxDate() {\n      return
this.props.maxDate || this.props.utils.addYears(new Date(), 100);\n    },\n    key: 'getSelectedDate',\n    value:

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function getSelectedDate() {\n  return this.state.selectedDate;\n  }\n }, {\n  key: 'isSelectedDateDisabled',\n  value: function isSelectedDateDisabled() {\n    if (!this.state.displayMonthDay) {\n      return false;\n    }\n    if (this.calendarRefs.calendar) {\n      return this.calendarRefs.calendar.isSelectedDateDisabled();\n    } else {\n      return false;\n    }\n  }\n }, {\n  key: 'addSelectedDays',\n  value: function addSelectedDays(days) {\n    this.setSelectedDate(this.props.utils.addDays(this.state.selectedDate, days));\n  }\n }, {\n  key: 'addSelectedMonths',\n  value: function addSelectedMonths(months) {\n    this.setSelectedDate(this.props.utils.addMonths(this.state.selectedDate, months));\n  }\n }, {\n  key: 'addSelectedYears',\n  value: function addSelectedYears(years) {\n    this.setSelectedDate(this.props.utils.addYears(this.state.selectedDate, years));\n  }\n }, {\n  key: 'setDisplayDate',\n  value: function setDisplayDate(date, newSelectedDate) {\n    var newDisplayDate = this.props.utils.getFirstDayOfMonth(date);\n    if (newDisplayDate !== this.state.displayDate) {\n      var nextDirection = this.context.muiTheme.isRtl ? 'right' : 'left';\n      var prevDirection = this.context.muiTheme.isRtl ? 'left' : 'right';\n      var direction = newDisplayDate > this.state.displayDate ? nextDirection : prevDirection;\n      this.setState({\n        displayDate: newDisplayDate,\n        transitionDirection: direction,\n        selectedDate: newSelectedDate || this.state.selectedDate\n      });\n    }\n  }\n }, {\n  key: 'setSelectedDate',\n  value: function setSelectedDate(date) {\n    var adjustedDate = date;\n    var minDate = this.getMinDate();\n    var maxDate = this.getMaxDate();\n    if ((0, _dateUtils.isBeforeDate)(date, minDate)) {\n      adjustedDate = minDate;\n    } else if ((0, _dateUtils.isAfterDate)(date, maxDate)) {\n      adjustedDate = maxDate;\n    }\n    var newDisplayDate = this.props.utils.getFirstDayOfMonth(adjustedDate);\n    if (newDisplayDate !== this.state.displayDate) {\n      this.setDisplayDate(newDisplayDate, adjustedDate);\n    } else {\n      this.setState({\n        selectedDate: adjustedDate\n      });\n    }\n  }\n }, {\n  key: 'getToolbarInteractions',\n  value: function getToolbarInteractions() {\n    return {\n      prevMonth: this.props.utils.monthDiff(this.state.displayDate, this.getMinDate()) > 0,\n      nextMonth: this.props.utils.monthDiff(this.state.displayDate, this.getMaxDate()) < 0\n    };\n  }\n }, {\n  key: 'yearSelector',\n  value: function yearSelector() {\n    if (!this.props.disableYearSelection) {\n      return _react2.default.createElement(_CalendarYear2.default, {\n        key: 'years',\n        DateTimeFormat: this.props.DateTimeFormat,\n        locale: this.props.locale,\n        onClickYear: this.handleClickYear,\n        selectedDate: this.state.selectedDate,\n        minDate: this.getMinDate(),\n        maxDate: this.getMaxDate(),\n        utils: this.props.utils\n      });\n    }\n  }\n }, {\n  key: 'render',\n  value: function render() {\n    var _this2 = this;\n    var prepareStyles = this.context.muiTheme.prepareStyles;\n    var hideCalendarDate = this.props.hideCalendarDate;\n    var toolbarInteractions = this.getToolbarInteractions();\n    var isLandscape = this.props.mode === 'landscape';\n    var calendarTextColor = this.context.muiTheme.datePicker.calendarTextColor;\n    var styles = {\n      root: {\n        color: calendarTextColor,\n        userSelect: 'none',\n        width: !hideCalendarDate && isLandscape ? 479 : 310\n      },\n      calendar: {\n        display: 'flex',\n        flexDirection: 'column'\n      },\n      calendarContainer: {\n        display: 'flex',\n        alignContent: 'space-between',\n        justifyContent: 'space-between',\n        flexDirection: 'column',\n        fontSize: 12,\n        fontWeight: 400,\n        padding: '0px 8px',\n        transition: _transitions2.default.easeOut()\n      },\n      yearContainer: {\n        display: 'flex',\n        justifyContent: 'space-between',\n        flexDirection: 'column',\n        height: 272,\n        marginTop: 10,\n        overflow: 'hidden',\n        width: 310\n      },\n      weekTitle: {\n        display: 'flex',\n        flexDirection: 'row',\n        justifyContent: 'space-between',\n        fontWeight: '500',\n        height: 20,\n        lineHeight: '15px',\n        opacity: '0.5',\n        textAlign: 'center'\n      },\n      weekTitleDay: {\n        width: 42\n      },\n      transitionSlide: {\n        height: 214\n      }\n    };\n    var weekTitleDayStyle = prepareStyles(styles.weekTitleDay);\n    var _props = this.props,\n      cancelLabel = _props.cancelLabel,\n      DateTimeFormat = _props.DateTimeFormat,\n      firstDayOfWeek = _props.firstDayOfWeek,\n      locale = _props.locale,\n      okLabel = _props.okLabel,\n      onClickCancel = _props.onClickCancel,\n      onClickOk = _props.onClickOk,\n      utils = _props.utils;\n    return _react2.default.createElement('div', {\n      style: prepareStyles(styles.root)\n    },\n    _react2.default.createElement(_reactEventListener2.default, {\n      target: 'window',\n      onKeyDown:

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this.handleWindowKeyDown\n    })), !hideCalendarDate && _react2.default.createElement(_DateDisplay2.default,
{\n    DateTimeFormat: DateTimeFormat,\n    disableYearSelection: this.props.disableYearSelection,\n
onClickMonthDay: this.handleClickDateDisplayMonthDay,\n    onClickYear:
this.handleClickDateDisplayYear,\n    locale: locale,\n    monthDaySelected: this.state.displayMonthDay,\n
mode: this.props.mode,\n    selectedDate: this.state.selectedDate\n    })), _react2.default.createElement('div', {\n
style: prepareStyles(styles.calendar)\n    }), this.state.displayMonthDay && _react2.default.createElement('div',
{\n    style: prepareStyles(styles.calendarContainer)\n    }),
_react2.default.createElement(_CalendarToolbar2.default, {\n    DateTimeFormat: DateTimeFormat,\n
locale: locale,\n    displayDate: this.state.displayDate,\n    onMonthChange: this.handleMonthChange,\n
prevMonth: toolbarInteractions.prevMonth,\n    nextMonth: toolbarInteractions.nextMonth\n    })),
_react2.default.createElement('div', {\n    style: prepareStyles(styles.weekTitle)\n    }), daysArray.map(function
(event, i) {\n    return _react2.default.createElement('span', {\n    key: i,\n    style: weekTitleDayStyle\n
}), (0, _dateUtils.localizedWeekday)(DateTimeFormat, locale, i, firstDayOfWeek));\n    })),
_react2.default.createElement(_SlideIn2.default, {\n    direction: this.state.transitionDirection,\n    style:
styles.transitionSlide\n    }), _react2.default.createElement(_CalendarMonth2.default, {\n    DateTimeFormat:
DateTimeFormat,\n    locale: locale,\n    displayDate: this.state.displayDate,\n    firstDayOfWeek:
this.props.firstDayOfWeek,\n    key: this.state.displayDate.toString(),\n    minDate: this.getMinDate(),\n
maxDate: this.getMaxDate(),\n    onClickDay: this.handleClickDay,\n    ref: function ref(_ref2) {\n
return _this2.calendarRefs.calendar = _ref2;\n    }},\n    selectedDate: this.state.selectedDate,\n
shouldDisableDate: this.props.shouldDisableDate,\n    utils: utils\n    })), !this.state.displayMonthDay &&
_react2.default.createElement('div', {\n    style: prepareStyles(styles.yearContainer)\n    }), this.yearSelector(),
okLabel && _react2.default.createElement(_CalendarActionButtons2.default, {\n    autoOk: this.props.autoOk,\n
cancelLabel: cancelLabel,\n    okLabel: okLabel,\n    onClickCancel: onClickCancel,\n    onClickOk:
onClickOk\n    }));\n    }));\n    return Calendar;\n})(_react.Component);\n\nCalendar.defaultProps = {\n
DateTimeFormat: _dateUtils.dateTimeFormat,\n    disableYearSelection: false,\n    initialDate: new Date(),\n    locale:
'en-US',\n    utils: _dateUtils.defaultUtils\n};\n\nCalendar.contextTypes = {\n    muiTheme:
_propTypes2.default.object.isRequired\n};\n\nCalendar.propTypes = process.env.NODE_ENV !== "production" ?
{\n    DateTimeFormat: _propTypes2.default.func.isRequired,\n    autoOk: _propTypes2.default.bool,\n    cancelLabel:
_propTypes2.default.node,\n    disableYearSelection: _propTypes2.default.bool,\n    firstDayOfWeek:
_propTypes2.default.number,\n    hideCalendarDate: _propTypes2.default.bool,\n    initialDate:
_propTypes2.default.object,\n    locale: _propTypes2.default.string.isRequired,\n    maxDate:
_propTypes2.default.object,\n    minDate: _propTypes2.default.object,\n    mode:
_propTypes2.default.oneOf(['portrait', 'landscape']),\n    okLabel: _propTypes2.default.node,\n    onClickCancel:
_propTypes2.default.func,\n    onClickDay: _propTypes2.default.func,\n    onClickOk: _propTypes2.default.func,\n
open: _propTypes2.default.bool,\n    openToYearSelection: _propTypes2.default.bool,\n    shouldDisableDate:
_propTypes2.default.func,\n    utils: _propTypes2.default.object\n} : {};\n\nexports.default = Calendar;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n    value: true\n});\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _FlatButton = require('../FlatButton');\n\nvar
_FlatButton2 = _interopRequireDefault(_FlatButton);\n\nfunction _interopRequireDefault(obj) {\n    return obj &&

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obj.__esModule ? obj : {\n  default: obj\n };}\n\nvar CalendarActionButton = function (_Component) {\n (0,
_inherits3.default)(CalendarActionButton, _Component);\n\n function CalendarActionButton() {\n (0,
_classCallCheck3.default)(this, CalendarActionButton);\n  return (0, _possibleConstructorReturn3.default)(this,
(CalendarActionButton.__proto__ || (0, _getPrototypeOf2.default)(CalendarActionButton)).apply(this,
arguments));\n }\n\n (0, _createClass3.default)(CalendarActionButton, [{\n key: 'render',\n value: function
render() {\n  var _props = this.props,\n      cancelLabel = _props.cancelLabel,\n      okLabel =
_props.okLabel;\n  var styles = {\n    root: {\n      display: 'flex',\n      flexDirection: 'row',\n      justifyContent: 'flex-end',\n      margin: 0,\n      maxHeight: 48,\n      padding: 0\n    },\n    flatButtons:
{\n      fontSize: 14,\n      margin: '4px 8px 8px 0px',\n      maxHeight: 36,\n      minWidth: 64,\n      padding: 0\n    }\n  };\n  return _react2.default.createElement('div', {\n    style: styles.root\n  },
_react2.default.createElement(_FlatButton2.default, {\n    label: cancelLabel,\n    onClick:
this.props.onClickCancel,\n    primary: true,\n    style: styles.flatButtons\n  }), !this.props.autoOk &&
_react2.default.createElement(_FlatButton2.default, {\n    disabled: this.refs.calendar !== undefined &&
this.refs.calendar.isSelectedDateDisabled(),\n    label: okLabel,\n    onClick: this.props.onClickOk,\n    primary: true,\n    style: styles.flatButtons\n  }));\n }\n }]);\n return
CalendarActionButton;\n})(_react.Component);\n\nCalendarActionButton.propTypes = process.env.NODE_ENV
!== \"production\" ? {\n  autoOk: _propTypes2.default.bool,\n  cancelLabel: _propTypes2.default.node,\n  okLabel:
_propTypes2.default.node,\n  onClickCancel: _propTypes2.default.func,\n  onClickOk:
_propTypes2.default.func\n} : {};\n\nexports.default = CalendarActionButton;","use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _transitions = require('./styles/transitions');\n\nvar
_transitions2 = _interopRequireDefault(_transitions);\n\nvar _colorManipulator =
require('./utils/colorManipulator');\n\nvar _EnhancedButton = require('./internal/EnhancedButton');\n\nvar
_EnhancedButton2 = _interopRequireDefault(_EnhancedButton);\n\nvar _FlatButtonLabel =
require('./FlatButtonLabel');\n\nvar _FlatButtonLabel2 = _interopRequireDefault(_FlatButtonLabel);\n\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n };}\n\n\nfunction
validateLabel(props, propName, componentName) {\n  if (process.env.NODE_ENV !== 'production') {\n    if
(!props.children && props.label !== 0 && !props.label && !props.icon) {\n      return new Error('Required prop
label or children or icon was not specified in ' + componentName + '.');\n    }\n  }\n}\n\n\nvar FlatButton = function
(_Component) {\n (0, _inherits3.default)(FlatButton, _Component);\n\n function FlatButton() {\n  var _ref;\n  var
_temp, _this, _ret;\n\n (0, _classCallCheck3.default)(this, FlatButton);\n\n  for (var _len = arguments.length,\n    args = Array(_len), _key = 0; _key < _len; _key++) {\n    args[_key] = arguments[_key];\n  }\n\n  return _ret =
(_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = FlatButton.__proto__ || (0,
_getPrototypeOf2.default)(FlatButton)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n    hovered:
false,\n    isKeyboardFocused: false,\n    touch: false\n  }, _this.handleKeyboardFocus = function (event,

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isKeyboardFocused) {\n  _this.setState({\n    isKeyboardFocused: isKeyboardFocused\n  });\n\n  _this.props.onKeyboardFocus(event, isKeyboardFocused);\n  }, _this.handleMouseEnter = function (event) {\n\n  // Cancel hover styles for touch devices\n  if (!_this.state.touch) _this.setState({\n    hovered: true\n  });\n\n  _this.props.onMouseEnter(event);\n  }, _this.handleMouseLeave = function (event) {\n  _this.setState({\n    hovered: false\n  });\n\n  _this.props.onMouseLeave(event);\n  }, _this.handleTouchStart = function (event)\n  {\n  _this.setState({\n    touch: true\n  });\n\n  _this.props.onTouchStart(event);\n  }, _temp), (0,\n  _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(FlatButton, [{\n  key:\n  'componentWillReceiveProps',\n  value: function componentWillReceiveProps(nextProps) {\n  if\n  (nextProps.disabled) {\n  this.setState({\n    hovered: false\n  });\n  }\n  }, {\n  key: 'render',\n  value: function render() {\n  var _props = this.props,\n      backgroundColor = _props.backgroundColor,\n  children = _props.children,\n      disabled = _props.disabled,\n      fullWidth = _props.fullWidth,\n  hoverColor = _props.hoverColor,\n      icon = _props.icon,\n      label = _props.label,\n      labelStyle =\n  _props.labelStyle,\n      labelPosition = _props.labelPosition,\n      primary = _props.primary,\n  rippleColor = _props.rippleColor,\n      secondary = _props.secondary,\n      style = _props.style,\n      other =\n  (0, _objectWithoutProperties3.default)(_props, ['backgroundColor', 'children', 'disabled', 'fullWidth', 'hoverColor',\n  'icon', 'label', 'labelStyle', 'labelPosition', 'primary', 'rippleColor', 'secondary', 'style']);\n  var _context$muiTheme\n  = this.context.muiTheme,\n      borderRadius = _context$muiTheme.borderRadius,\n  _context$muiTheme$but = _context$muiTheme.button,\n      buttonHeight = _context$muiTheme$but.height,\n  buttonMinWidth = _context$muiTheme$but.minWidth,\n      buttonTextTransform =\n  _context$muiTheme$but.textTransform,\n      _context$muiTheme$fla = _context$muiTheme.flatButton,\n  buttonFilterColor = _context$muiTheme$fla.buttonFilterColor,\n      buttonColor =\n  _context$muiTheme$fla.color,\n      disabledTextColor = _context$muiTheme$fla.disabledTextColor,\n  fontSize = _context$muiTheme$fla.fontSize,\n      fontWeight = _context$muiTheme$fla.fontWeight,\n  primaryTextColor = _context$muiTheme$fla.primaryTextColor,\n      secondaryTextColor =\n  _context$muiTheme$fla.secondaryTextColor,\n      textColor = _context$muiTheme$fla.textColor,\n  _context$muiTheme$fla2 = _context$muiTheme$fla.textTransform,\n      textTransform =\n  _context$muiTheme$fla2 === undefined ? buttonTextTransform || 'uppercase' : _context$muiTheme$fla2;\n  var\n  defaultTextColor = disabled ? disabledTextColor : primary ? primaryTextColor : secondary ? secondaryTextColor :\n  textColor;\n  var defaultHoverColor = (0, _colorManipulator.fade)(buttonFilterColor, 0.2);\n  var\n  defaultRippleColor = buttonFilterColor;\n  var buttonHoverColor = hoverColor || defaultHoverColor;\n  var\n  buttonRippleColor = rippleColor || defaultRippleColor;\n  var buttonBackgroundColor = backgroundColor ||\n  buttonColor;\n  var hovered = (this.state.hovered || this.state.isKeyboardFocused) && !disabled;\n  var\n  mergedRootStyles = (0, _simpleAssign2.default)({}, {\n  height: buttonHeight,\n  lineHeight: buttonHeight\n  + 'px',\n  minWidth: fullWidth ? '100%' : buttonMinWidth,\n  color: defaultTextColor,\n  transition:\n  _transitions2.default.easeOut(),\n  borderRadius: borderRadius,\n  userSelect: 'none',\n  overflow:\n  'hidden',\n  backgroundColor: hovered ? buttonHoverColor : buttonBackgroundColor,\n  padding: 0,\n  margin: 0,\n  textAlign: 'center'\n  }, style);\n  var iconCloned = void 0;\n  var labelStyleIcon = {};\n\n  if (icon) {\n  var iconStyles = (0, _simpleAssign2.default)({\n  verticalAlign: 'middle',\n  marginLeft:\n  label && labelPosition !== 'before' ? 12 : 0,\n  marginRight: label && labelPosition === 'before' ? 12 : 0\n  }, icon.props.style);\n  iconCloned = _react2.default.cloneElement(icon, {\n  color: icon.props.color ||\n  mergedRootStyles.color,\n  style: iconStyles,\n  key: 'iconCloned'\n  });\n\n  if (labelPosition ===\n  'before') {\n  labelStyleIcon.paddingRight = 8;\n  } else {\n  labelStyleIcon.paddingLeft = 8;\n  }\n  }\n\n  var mergedLabelStyles = (0, _simpleAssign2.default)({\n  letterSpacing: 0,\n  textTransform:\n  textTransform,\n  fontWeight: fontWeight,\n  fontSize: fontSize\n  }, labelStyleIcon, labelStyle);\n  var\n  labelElement = label ? _react2.default.createElement(_FlatButtonLabel2.default, {\n  key: 'labelElement',\n  label: label,\n  style: mergedLabelStyles\n  }) : undefined; // Place label before or after children.\n\n  var\n  enhancedButtonChildren = labelPosition === 'before' ? [labelElement, iconCloned, children] : [children,\n  iconCloned, labelElement];\n  return _react2.default.createElement(_EnhancedButton2.default, (0,

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_extends3.default)({}, other, {
  disabled: disabled,
  focusRippleColor: buttonRippleColor,
  focusRippleOpacity: 0.3,
  onKeyboardFocus: this.handleKeyboardFocus,
  onMouseLeave: this.handleMouseLeave,
  onMouseEnter: this.handleMouseEnter,
  onTouchStart: this.handleTouchStart,
  style: mergedRootStyles,
  touchRippleColor: buttonRippleColor,
  touchRippleOpacity: 0.3
}), enhancedButtonChildren);
}
return
FlatButton;
})(_react.Component);
FlatButton.muiName = 'FlatButton';
FlatButton.defaultProps = {
  disabled: false,
  fullWidth: false,
  labelStyle: {},
  labelPosition: 'after',
  onKeyboardFocus: function onKeyboardFocus() {},
  onMouseEnter: function onMouseEnter() {},
  onMouseLeave: function onMouseLeave() {},
  onTouchStart: function onTouchStart() {},
  primary: false,
  secondary: false
};
FlatButton.contextTypes = {
  muiTheme:
    _propTypes2.default.object.isRequired
};
FlatButton.propTypes = process.env.NODE_ENV !== "production" ?
{
  /**
   * Color of button when mouse is not hovering over it.
   */
  backgroundColor:
    _propTypes2.default.string,
  /**
   * This is what will be displayed inside the button. If a label is specified,
   the text within the label prop will be displayed. Otherwise, the component will expect children
   which will then be displayed. (In our example, we are nesting an <input type="file" /> and a <span
   that acts as our label to be displayed.) This only applies to flat and raised buttons.
   */
  children:
    _propTypes2.default.node,
  /**
   * The CSS class name of the root element.
   */
  className:
    _propTypes2.default.string,
  /**
   * The element to use as the container for the FlatButton. Either a string to
   use a DOM element or a ReactElement. This is useful for wrapping the FlatButton in a custom Link
   component. If a ReactElement is given, ensure that it passes all of its given props through to the underlying
   DOM element and renders its children prop for proper integration.
   */
  containerElement:
    _propTypes2.default.oneOfType([
      _propTypes2.default.string,
      _propTypes2.default.element
    ]),
  /**
   * If true, the element's ripple effect will be disabled.
   */
  disableTouchRipple:
    _propTypes2.default.bool,
  /**
   * Disables the button if set to true.
   */
  disabled:
    _propTypes2.default.bool,
  /**
   * If true, the button will take up the full width of its container.
   */
  fullWidth:
    _propTypes2.default.bool,
  /**
   * Color of button when mouse hovers over.
   */
  hoverColor:
    _propTypes2.default.string,
  /**
   * The URL to link to when the button is clicked.
   */
  href:
    _propTypes2.default.string,
  /**
   * Use this property to display an icon.
   */
  icon:
    _propTypes2.default.node,
  /**
   * Label for the button.
   */
  label:
    validateLabel,
  /**
   * Place label before or after the passed children.
   */
  labelPosition:
    _propTypes2.default.oneOf(['before', 'after']),
  /**
   * Override the inline-styles of the button's label element.
   */
  labelStyle:
    _propTypes2.default.object,
  /**
   * Callback function fired when the button is clicked.
   */
  @param {object} event Click event targeting the button.
  onClick:
    _propTypes2.default.func,
  /**
   * Callback function fired when the element is focused or blurred by the keyboard.
   */
  @param {object} event `focus` or `blur` event targeting the element.
  @param {boolean} isKeyboardFocused Indicates whether the element is focused.
  onKeyboardFocus:
    _propTypes2.default.func,
  @ignore
  onMouseEnter:
    _propTypes2.default.func,
  @ignore
  onMouseLeave:
    _propTypes2.default.func,
  @ignore
  onTouchStart:
    _propTypes2.default.func,
  /**
   * If true, colors button according to
   */
  primaryTextColor:
    from the Theme.
  primary:
    _propTypes2.default.bool,
  /**
   * Color for the ripple after button is clicked.
   */
  rippleColor:
    _propTypes2.default.string,
  /**
   * If true, colors button according to
   */
  secondaryTextColor:
    from the theme.
  The primary prop has precedent if set to true.
  secondary:
    _propTypes2.default.bool,
  /**
   * Override the inline-styles of the root element.
   */
  style:
    _propTypes2.default.object
} : {};
exports.default = FlatButton;
"use strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
var _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');
var _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);
var _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');
var _classCallCheck3 = _interopRequireDefault(_classCallCheck2);
var _createClass2 = require('babel-runtime/helpers/createClass');
var _createClass3 = _interopRequireDefault(_createClass2);
var _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');
var _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);

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_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : {\n  default: obj\n };}\n\nfunction getStyles(props, context) {\n var
baseTheme = context.muiTheme.baseTheme;\n return {\n  root: {\n    position: 'relative',\n    paddingLeft:
baseTheme.spacing.desktopGutterLess,\n    paddingRight: baseTheme.spacing.desktopGutterLess,\n
verticalAlign: 'middle'\n  }\n};}\n\nvar FlatButtonLabel = function (_Component) {\n (0,
_inherits3.default)(FlatButtonLabel, _Component);\n\n function FlatButtonLabel() {\n (0,
_classCallCheck3.default)(this, FlatButtonLabel);\n  return (0, _possibleConstructorReturn3.default)(this,
(FlatButtonLabel.__proto__ || (0, _getPrototypeOf2.default)(FlatButtonLabel)).apply(this, arguments));\n }
\n\n (0,
_createClass3.default)(FlatButtonLabel, [{\n  key: 'render',\n  value: function render() {\n    var _props =
this.props,\n    label = _props.label,\n    style = _props.style;\n    var prepareStyles =
this.context.muiTheme.prepareStyles;\n    var styles = getStyles(this.props, this.context);\n    return
_react2.default.createElement('span', {\n      style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n
}), label);\n  }\n}]);\n return FlatButtonLabel;\n}(_react.Component);\n\nFlatButtonLabel.contextTypes = {\n
muiTheme: _propTypes2.default.object.isRequired\n};\n\nFlatButtonLabel.propTypes = process.env.NODE_ENV
!=="production" ? {\n  label: _propTypes2.default.node,\n  style: _propTypes2.default.object\n } :
{};\n\nexports.default = FlatButtonLabel;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value:
true\n});\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2
= _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _dateUtils = require('./dateUtils');\n\nvar _DayButton
= require('./DayButton');\n\nvar _DayButton2 = _interopRequireDefault(_DayButton);\n\nfunction
_interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n  default: obj\n };}\n\nvar styles = {\n
root: {\n  display: 'flex',\n  flexDirection: 'column',\n  justifyContent: 'flex-start',\n  fontWeight: 400,\n  height:
228,\n  lineHeight: 2,\n  position: 'relative',\n  textAlign: 'center',\n  MozPaddingStart: 0\n },\n week: {\n
display: 'flex',\n  flexDirection: 'row',\n  justifyContent: 'space-around',\n  height: 34,\n  marginBottom: 2\n
}\n};}\n\nvar CalendarMonth = function (_Component) {\n (0, _inherits3.default)(CalendarMonth,
_Component);\n\n function CalendarMonth() {\n    var _ref;\n    var _temp, _this, _ret;\n    (0,
_classCallCheck3.default)(this, CalendarMonth);\n    for (var _len = arguments.length, args = Array(_len), _key =
0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n    return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = CalendarMonth.__proto__ || (0,
_getPrototypeOf2.default)(CalendarMonth)).call.apply(_ref, [this].concat(args))), _this), _this.handleClickDay =
function (event, date) {\n      if (_this.props.onClickDay) {\n        _this.props.onClickDay(event, date);\n      }\n
}, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n (0, _createClass3.default)(CalendarMonth,
[{\n  key: 'isSelectedDateDisabled',\n  value: function isSelectedDateDisabled() {\n    return
this.selectedDateDisabled;\n  }\n }, {\n  key: 'shouldDisableDate',\n  value: function shouldDisableDate(day)
{\n    if (day === null) return false;\n    var disabled = !(0, _dateUtils.isBetweenDates)(day, this.props.minDate,
this.props.maxDate);\n    if (!disabled && this.props.shouldDisableDate) disabled =
this.props.shouldDisableDate(day);\n    return disabled;\n  }\n }], {\n  key: 'getWeekElements',\n  value:

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function getWeekElements() {\n    var _this2 = this;\n\n    var weekArray =
this.props.utils.getWeekArray(this.props.displayDate, this.props.firstDayOfWeek);\n    return
weekArray.map(function (week, i) {\n    return _react2.default.createElement('div', {\n    key: i,\n    style:
styles.week\n    }, _this2.getDayElements(week, i));\n    }, this);\n }}, {\n key: 'getDayElements',\n
value: function getDayElements(week, i) {\n    var _this3 = this;\n\n    var _props = this.props,\n    DateTimeFormat = _props.DateTimeFormat,\n    locale = _props.locale,\n    selectedDate =
_props.selectedDate;\n    return week.map(function (day, j) {\n    var isSameDate = (0,
_dateUtils.isEqualDate)(selectedDate, day);\n\n    var disabled = _this3.shouldDisableDate(day);\n\n    var
selected = !disabled && isSameDate;\n\n    if (isSameDate) {\n    _this3.selectedDateDisabled = disabled;\n
}\n\n    return _react2.default.createElement(_DayButton2.default, {\n    DateTimeFormat:
DateTimeFormat,\n    locale: locale,\n    date: day,\n    disabled: disabled,\n    key: 'db' + (i + j),\n
onClick: _this3.handleClickDay,\n    selected: selected\n    });\n    }, this);\n }}, {\n key: 'render',\n
value: function render() {\n    return _react2.default.createElement('div', {\n    style: styles.root\n    },
this.getWeekElements());\n    }\n }});\n return
CalendarMonth;\n}(_react.Component);\n\nCalendarMonth.propTypes = process.env.NODE_ENV !==
'production' ? {\n    DateTimeFormat: _propTypes2.default.func.isRequired,\n    autoOk:
_propTypes2.default.bool,\n    displayDate: _propTypes2.default.object.isRequired,\n    firstDayOfWeek:
_propTypes2.default.number,\n    locale: _propTypes2.default.string.isRequired,\n    maxDate:
_propTypes2.default.object,\n    minDate: _propTypes2.default.object,\n    onClickDay: _propTypes2.default.func,\n
selectedDate: _propTypes2.default.object.isRequired,\n    shouldDisableDate: _propTypes2.default.func,\n    utils:
_propTypes2.default.object.isRequired\n} : {};\nexports.default = CalendarMonth;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n    value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _transitions = require('./styles/transitions');\n\nvar
_transitions2 = _interopRequireDefault(_transitions);\n\nvar _dateUtils = require('./dateUtils');\n\nvar
_EnhancedButton = require('./internal/EnhancedButton');\n\nvar _EnhancedButton2 =
_interopRequireDefault(_EnhancedButton);\n\nfunction _interopRequireDefault(obj) {\n    return obj &&
obj.__esModule ? obj : {\n    default: obj\n    };\n}\n\nfunction getStyles(props, context, state) {\n    var date =
props.date,\n    disabled = props.disabled,\n    selected = props.selected;\n\n    var hover = state.hover;\n\n    var
_context$muiTheme = context.muiTheme,\n    baseTheme = _context$muiTheme.baseTheme,\n    datePicker =
_context$muiTheme.datePicker;\n\n    var labelColor = baseTheme.palette.textColor;\n\n    var buttonStateOpacity = 0;\n\n    var
buttonStateTransform = 'scale(0)';\n\n    if (hover || selected) {\n    labelColor = datePicker.selectTextColor;\n
buttonStateOpacity = selected ? 1 : 0.6;\n    buttonStateTransform = 'scale(1)';\n    } else if ((0,
_dateUtils.isEqualDate)(date, new Date())) {\n    labelColor = datePicker.color;\n    }\n\n    return {\n    root: {\n
boxSizing: 'border-box',\n    fontWeight: '400',\n    opacity: disabled && '0.4',\n    padding: '4px 0px',\n
position: 'relative',\n    WebkitTapHighlightColor: 'rgba(0,0,0,0)',\n    // Remove mobile color flashing
(deprecated)\n    width: 42\n    },\n    label: {\n    color: labelColor,\n    fontWeight: '400',\n    position:

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'relative'\n  },\n  buttonState: {\n    backgroundColor: datePicker.selectColor,\n    borderRadius: '50%',\n    height: 34,\n    left: 4,\n    opacity: buttonStateOpacity,\n    position: 'absolute',\n    top: 0,\n    transform: buttonStateTransform,\n    transition: _transitions2.default.easeOut(),\n    width: 34\n  };\n\n\nvar\nDayButton = function (_Component) {\n  (0, _inherits3.default)(DayButton, _Component);\n\n  function\nDayButton() {\n    var _ref;\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, DayButton);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] =\narguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref =\nDayButton.__proto__ || (0, _getPrototypeOf2.default)(DayButton)).call.apply(_ref, [this].concat(args))), _this),\n    _this.state = {\n      hover: false\n    }, _this.handleMouseEnter = function () {\n      if (!_this.props.disabled) {\n        _this.setState({\n          hover: true\n        });\n      }\n    }, _this.handleMouseLeave = function () {\n      if\n(!_this.props.disabled) {\n        _this.setState({\n          hover: false\n        });\n      }\n    }, _this.handleClick =\nfunction (event) {\n      if (!_this.props.disabled && _this.props.onClick) {\n        _this.props.onClick(event,\n        _this.props.date);\n      }\n    }, _this.handleKeyboardFocus = function (event, keyboardFocused) {\n      if\n(!_this.props.disabled && _this.props.onKeyboardFocus) {\n        _this.props.onKeyboardFocus(event,\n        keyboardFocused, _this.props.date);\n      }\n    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(DayButton, [{\n    key: 'render',\n    value: function render() {\n      var _props =\nthis.props,\n          DateTimeFormat = _props.DateTimeFormat,\n          date = _props.date,\n          disabled =\n        _props.disabled,\n          locale = _props.locale,\n          onClick = _props.onClick,\n          selected =\n        _props.selected,\n          other = (0, _objectWithoutProperties3.default)(_props, ['DateTimeFormat', 'date', 'disabled',\n        'locale', 'onClick', 'selected']);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles =\ngetStyles(this.props, this.context, this.state);\n      return date ?\n_react2.default.createElement(_EnhancedButton2.default, (0, _extends3.default)({\n        other: {\n          disabled:\n        disabled,\n          disableFocusRipple: true,\n          disableTouchRipple: true,\n          onKeyboardFocus:\n        this.handleKeyboardFocus,\n          onMouseEnter: this.handleMouseEnter,\n          onMouseLeave:\n        this.handleMouseLeave,\n          onClick: this.handleClick,\n          style: styles.root\n        }},\n        _react2.default.createElement('div', {\n          style: prepareStyles(styles.buttonState)\n        }),\n        _react2.default.createElement('span', {\n          style: prepareStyles(styles.label)\n        }, new DateTimeFormat(locale,\n        {\n          day: 'numeric'\n        }).format(date))) : _react2.default.createElement('span', {\n          style:\n        prepareStyles(styles.root)\n        });\n    }\n  }]);\n  return\nDayButton;\n}(_react.Component);\n\n\nDayButton.defaultProps = {\n  selected: false,\n  disabled:\nfalse\n};\n\n\nDayButton.contextTypes = {\n  muiTheme:\n_propTypes2.default.object.isRequired\n};\n\n\nDayButton.propTypes = process.env.NODE_ENV !== \"production\" ?\n{\n  DateTimeFormat: _propTypes2.default.func.isRequired,\n  date: _propTypes2.default.object,\n  disabled:\n_propTypes2.default.bool,\n  locale: _propTypes2.default.string.isRequired,\n  onClick: _propTypes2.default.func,\n  onKeyboardFocus: _propTypes2.default.func,\n  selected: _propTypes2.default.bool\n} : {};\n\n\nexports.default =\nDayButton;\n\n\n\"use strict\";\n\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\n\nvar _extends2 =\nrequire('babel-runtime/helpers/extends');\n\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\n\nvar _getPrototypeOf =\nrequire('babel-runtime/core-js/object/get-prototype-of');\n\n\nvar _getPrototypeOf2 =\n_interopRequireDefault(_getPrototypeOf);\n\n\nvar _classCallCheck2 =\nrequire('babel-runtime/helpers/classCallCheck');\n\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\n\nvar _createClass2 =\nrequire('babel-runtime/helpers/createClass');\n\n\nvar _createClass3 =\n_interopRequireDefault(_createClass2);\n\n\nvar _possibleConstructorReturn2 =\nrequire('babel-runtime/helpers/possibleConstructorReturn');\n\n\nvar _possibleConstructorReturn3 =\n_interopRequireDefault(_possibleConstructorReturn2);\n\n\nvar _inherits2 =\nrequire('babel-runtime/helpers/inherits');\n\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\n\nvar _react =\nrequire('react');\n\n\nvar _react2 = _interopRequireDefault(_react);\n\n\nvar _propTypes =\nrequire('prop-types');\n\n\nvar _propTypes2 =\n_interopRequireDefault(_propTypes);\n\n\nvar _reactDom =\nrequire('react-dom');\n\n\nvar _reactDom2 =\n_interopRequireDefault(_reactDom);\n\n\nvar _YearButton =\nrequire('./YearButton');\n\n\nvar _YearButton2 =

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_interopRequireDefault(_YearButton);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule\n  ? obj : {\n    default: obj\n  };\n}\n\nvar CalendarYear = function (_Component) {\n  (0,\n  _inherits3.default)(CalendarYear, _Component);\n\n  function CalendarYear() {\n    var _ref;\n\n    var _temp, _this,\n    _ret;\n\n    (0, _classCallCheck3.default)(this, CalendarYear);\n\n    for (var _len = arguments.length, args =\n    Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp =\n    (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = CalendarYear.__proto__ || (0,\n    _getPrototypeOf2.default)(CalendarYear)).call.apply(_ref, [this].concat(args))), _this), _this.handleClickYear =\n    function (event, year) {\n      if (_this.props.onClickYear) {\n        _this.props.onClickYear(event, year);\n      }\n    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret));\n  }\n\n  (0, _createClass3.default)(CalendarYear, [\n    {\n      key: 'componentDidMount',\n      value: function componentDidMount() {\n        this.scrollToSelectedYear();\n      }\n    }, {\n      key: 'componentDidUpdate',\n      value: function componentDidUpdate() {\n        this.scrollToSelectedYear();\n      }\n    }, {\n      key: 'getYears',\n      value: function getYears() {\n        var _props =\n        this.props,\n        DateTimeFormat = _props.DateTimeFormat,\n        locale = _props.locale,\n        minDate =\n        _props.minDate,\n        maxDate = _props.maxDate,\n        selectedDate = _props.selectedDate,\n        utils =\n        _props.utils;\n        var minYear = utils.getYear(minDate);\n        var maxYear = utils.getYear(maxDate);\n        var years = [];\n\n        for (var year = minYear; year <= maxYear; year++) {\n          var selected =\n          utils.getYear(selectedDate) === year;\n          var selectedProps = {};\n\n          if (selected) {\n            selectedProps.ref\n            = 'selectedYearButton';\n          }\n\n          var yearFormatted = new DateTimeFormat(locale, {\n            year: 'numeric'\n          }).format(utils.setYear(selectedDate, year));\n          var yearButton =\n          _react2.default.createElement(_YearButton2.default, (0, _extends3.default)({\n            key: 'yb' + year,\n            onClick: this.handleClickYear,\n            selected: selected,\n            year: year,\n            utils: utils\n          },\n          selectedProps), yearFormatted);\n          years.push(yearButton);\n        }\n\n        return years;\n      }\n    }, {\n      key:\n      'scrollToSelectedYear',\n      value: function scrollToSelectedYear() {\n        if (this.refs.selectedYearButton ===\n        undefined) {\n          return;\n        }\n\n        var container = _reactDom2.default.findDOMNode(this);\n        var\n        yearButtonNode = _reactDom2.default.findDOMNode(this.refs.selectedYearButton);\n\n        var containerHeight =\n        container.clientHeight;\n        var yearButtonNodeHeight =\n        yearButtonNode.clientHeight || 32;\n        var scrollYOffset\n        = yearButtonNode.offsetTop + yearButtonNodeHeight / 2 - containerHeight / 2;\n        container.scrollTop =\n        scrollYOffset;\n      }\n    }, {\n      key: 'render',\n      value: function render() {\n        var _context$muiTheme =\n        this.context.muiTheme,\n        prepareStyles = _context$muiTheme.prepareStyles,\n        calendarYearBackgroundColor =\n        _context$muiTheme.datePicker.calendarYearBackgroundColor;\n        var styles =\n        {\n          root: {\n            backgroundColor: calendarYearBackgroundColor,\n            height: 'inherit',\n            lineHeight:\n            '35px',\n            overflowX: 'hidden',\n            overflowY: 'scroll',\n            position: 'relative'\n          },\n          child: {\n            display: 'flex',\n            flexDirection: 'column',\n            justifyContent: 'center',\n            minHeight: '100%'\n          }\n        };\n        return _react2.default.createElement('div', {\n          style: prepareStyles(styles.root)\n        },\n        _react2.default.createElement('div', {\n          style: prepareStyles(styles.child)\n        }, this.getYears()));\n      }\n    }\n  ]);\n\n  return CalendarYear;\n}(_react.Component);\n\nCalendarYear.contextTypes = {\n  muiTheme:\n  _propTypes2.default.object.isRequired\n};\n\nCalendarYear.propTypes = process.env.NODE_ENV !==\n  'production' ? {\n  DateTimeFormat: _propTypes2.default.func.isRequired,\n  locale:\n  _propTypes2.default.string.isRequired,\n  maxDate: _propTypes2.default.object.isRequired,\n  minDate:\n  _propTypes2.default.object.isRequired,\n  onClickYear: _propTypes2.default.func,\n  selectedDate:\n  _propTypes2.default.object.isRequired,\n  utils: _propTypes2.default.object.isRequired,\n  wordings:\n  _propTypes2.default.object\n} : {};\n\nexports.default = CalendarYear;","use\nstrict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends2 = require('babel-\nruntime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar\n_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar\n_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =\n  require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =\n  _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-

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runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _EnhancedButton =
require('../internal/EnhancedButton');\n\nvar _EnhancedButton2 =
_interopRequireDefault(_EnhancedButton);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };}\n\nfunction getStyles(props, context, state) {\n  var selected =
props.selected,\n  year = props.year,\n  utils = props.utils;\n  var _context$muiTheme = context.muiTheme,\n  baseTheme = _context$muiTheme.baseTheme,\n  datePicker = _context$muiTheme.datePicker;\n  var hover =
state.hover;\n  return {\n    root: {\n      boxSizing: 'border-box',\n      color: year === utils.getYear(new Date()) &&
datePicker.color,\n      display: 'block',\n      fontSize: 14,\n      margin: '0 auto',\n      position: 'relative',\n      textAlign: 'center',\n      lineHeight: 'inherit',\n      WebkitTapHighlightColor: 'rgba(0,0,0)' // Remove mobile color
flashing (deprecated)\n    },\n    label: {\n      alignSelf: 'center',\n      color: hover || selected ? datePicker.color :
baseTheme.palette.textColor,\n      fontSize: selected ? 26 : 17,\n      fontWeight: hover ? 450 : selected ? 500 :
400,\n      position: 'relative',\n      top: -1\n    }\n  };\n}\n\nvar YearButton = function (_Component) {\n  (0,
_inherits3.default)(YearButton, _Component);\n\n  function YearButton() {\n    var _ref;\n\n    var _temp, _this,
_ret;\n\n    (0, _classCallCheck3.default)(this, YearButton);\n\n    for (var _len = arguments.length, args =
Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp =
(_this = (0, _possibleConstructorReturn3.default)(this, (_ref = YearButton.__proto__ || (0,
_getPrototypeOf2.default)(YearButton)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n      hover:
false\n    }, _this.handleMouseEnter = function () {\n      _this.setState({\n        hover: true\n      });\n    },
_this.handleMouseLeave = function () {\n      _this.setState({\n        hover: false\n      });\n    }, _this.handleClick =
function (event) {\n      if (_this.props.onClick) {\n        _this.props.onClick(event, _this.props.year);\n      }\n    },
_temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(YearButton, [{\n    key:
'render',\n    value: function render() {\n      var _props = this.props,\n          children = _props.children,\n          className =
_props.className,\n          onClick = _props.onClick,\n          selected = _props.selected,\n          year =
_props.year,\n          utils = _props.utils,\n          other = (0, _objectWithoutProperties3.default)(_props, ['children',
'classname', 'onClick', 'selected', 'year', 'utils']);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var
styles = getStyles(this.props, this.context, this.state);\n      return
_react2.default.createElement(_EnhancedButton2.default, (0, _extends3.default)({}, other, {\n        disableFocusRipple: true,\n       
disableTouchRipple: true,\n        onMouseEnter: this.handleMouseEnter,\n        onMouseLeave: this.handleMouseLeave,\n       
onClick: this.handleClick,\n        style: styles.root\n      }),
_react2.default.createElement('span', {\n        style: prepareStyles(styles.label)\n      }, children));\n    }\n  }]);\n}\n\nreturn
YearButton;\n})(_react.Component);\n\nYearButton.defaultProps = {\n  selected:
false\n};\n\nYearButton.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nYearButton.propTypes = process.env.NODE_ENV !== \"production\" ?
{\n  children: _propTypes2.default.node.isRequired,\n\n  /**\n   * The css class name of the root element.\n   */\n  className:
_propTypes2.default.string,\n  onClick: _propTypes2.default.func,\n  selected:
_propTypes2.default.bool,\n  utils: _propTypes2.default.object.isRequired,\n  year:
_propTypes2.default.number.isRequired\n} : {};\n\nexports.default = YearButton;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar

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_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _IconButton = require('./IconButton');\n\nvar
_IconButton2 = _interopRequireDefault(_IconButton);\n\nvar _chevronLeft = require('./svg-
icons/navigation/chevron-left');\n\nvar _chevronLeft2 = _interopRequireDefault(_chevronLeft);\n\nvar
_chevronRight = require('./svg-icons/navigation/chevron-right');\n\nvar _chevronRight2 =
_interopRequireDefault(_chevronRight);\n\nvar _SlideIn = require('./internal/SlideIn');\n\nvar _SlideIn2 =
_interopRequireDefault(_SlideIn);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n  };\n}\n\nvar styles = {\n  root: {\n    display: 'flex',\n    justifyContent: 'space-between',\n    backgroundColor: 'inherit',\n    height: 48\n  },\n  titleDiv: {\n    fontSize: 14,\n    fontWeight: '500',\n    textAlign:
'center',\n    width: '100%\n  },\n  titleText: {\n    height: 'inherit',\n    padding: '12px 0\n  };\n}\n\nvar
CalendarToolbar = function (_Component) {\n  (0, _inherits3.default)(CalendarToolbar, _Component);\n\n  function
CalendarToolbar() {\n    var _ref;\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this,
CalendarToolbar);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n
args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = CalendarToolbar.__proto__ || (0,
_getPrototypeOf2.default)(CalendarToolbar)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n
transitionDirection: 'up'\n  }, _this.handleClickPrevMonth = function () {\n    if (_this.props.onMonthChange) {\n
_this.props.onMonthChange(-1);\n    }\n  }, _this.handleClickNextMonth = function () {\n    if
(_this.props.onMonthChange) {\n    _this.props.onMonthChange(1);\n    }\n  }, _temp), (0,
_possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(CalendarToolbar, [{\n    key:
'componentWillReceiveProps',\n    value: function componentWillReceiveProps(nextProps) {\n    if
(nextProps.displayDate !== this.props.displayDate) {\n    var nextDirection = this.context.muiTheme.isRtl ? 'right'
: 'left';\n    var prevDirection = this.context.muiTheme.isRtl ? 'left' : 'right';\n    var direction =
nextProps.displayDate > this.props.displayDate ? nextDirection : prevDirection;\n    this.setState({\n
transitionDirection: direction\n    });\n    }\n  }], {\n    key: 'render',\n    value: function render() {\n    var
_props = this.props,\n    DateTimeFormat = _props.DateTimeFormat,\n    locale = _props.locale,\n
displayDate = _props.displayDate;\n    var dateTimeFormatted = new DateTimeFormat(locale, {\n    month:
'long',\n    year: 'numeric'\n  }).format(displayDate);\n    var nextButtonIcon = this.context.muiTheme.isRtl ?
_react2.default.createElement(_chevronLeft2.default, null) : _react2.default.createElement(_chevronRight2.default,
null);\n    var prevButtonIcon = this.context.muiTheme.isRtl ?
_react2.default.createElement(_chevronRight2.default, null) : _react2.default.createElement(_chevronLeft2.default,
null);\n    return _react2.default.createElement('div', {\n    style: styles.root\n  },
_react2.default.createElement(_IconButton2.default, {\n    disabled: !this.props.prevMonth,\n    onClick:
this.handleClickPrevMonth\n  }, prevButtonIcon), _react2.default.createElement(_SlideIn2.default, {\n
direction: this.state.transitionDirection,\n    style: styles.titleDiv\n  }, _react2.default.createElement('div', {\n
key: dateTimeFormatted,\n    style: styles.titleText\n  }, dateTimeFormatted)),
_react2.default.createElement(_IconButton2.default, {\n    disabled: !this.props.nextMonth,\n    onClick:
this.handleClickNextMonth\n  }, nextButtonIcon));\n  } ]});\n  return
CalendarToolbar;\n}(_react.Component);\n\nCalendarToolbar.defaultProps = {\n  nextMonth: true,\n  prevMonth:
true\n};\n\nCalendarToolbar.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nCalendarToolbar.propTypes = process.env.NODE_ENV !==
'production' ? {\n  DateTimeFormat: _propTypes2.default.func.isRequired,\n  displayDate:
_propTypes2.default.object.isRequired,\n  locale: _propTypes2.default.string.isRequired,\n  nextMonth:

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_propTypes2.default.bool,\n onMonthChange: _propTypes2.default.func,\n prevMonth:
_propTypes2.default.bool\n} : {};\nexports.default = CalendarToolbar;","use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _pure = require('recompose/pure');\n\nvar
_pure2 = _interopRequireDefault(_pure);\n\nvar _SvgIcon = require('../SvgIcon');\n\nvar _SvgIcon2 =
_interopRequireDefault(_SvgIcon);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ?
obj : {\n default: obj\n };}\n\nvar NavigationChevronLeft = function NavigationChevronLeft(props) {\n return
_react2.default.createElement(_SvgIcon2.default, props, _react2.default.createElement('path', {\n d: 'M15.41
7.41L14 6l-6 6 6 6 1.41-1.41L10.83 12z'\n }));\n};\n\nNavigationChevronLeft = (0,
_pure2.default)(NavigationChevronLeft);\n\nNavigationChevronLeft.displayName =
'NavigationChevronLeft';\n\nNavigationChevronLeft.muiName = 'SvgIcon';\n\nexports.default =
NavigationChevronLeft;","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _pure =
require('recompose/pure');\n\nvar _pure2 = _interopRequireDefault(_pure);\n\nvar _SvgIcon =
require('../SvgIcon');\n\nvar _SvgIcon2 = _interopRequireDefault(_SvgIcon);\n\nfunction
_interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };}\n\nvar
NavigationChevronRight = function NavigationChevronRight(props) {\n return
_react2.default.createElement(_SvgIcon2.default, props, _react2.default.createElement('path', {\n d: 'M10 6L8.59
7.41 13.17 12l-4.58 4.59L10 18l6-6z'\n }));\n};\n\nNavigationChevronRight = (0,
_pure2.default)(NavigationChevronRight);\n\nNavigationChevronRight.displayName =
'NavigationChevronRight';\n\nNavigationChevronRight.muiName = 'SvgIcon';\n\nexports.default =
NavigationChevronRight;","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 =
_interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactDom = require('react-
dom');\n\nvar _reactDom2 = _interopRequireDefault(_reactDom);\n\nvar _autoPrefix =
require('../utils/autoPrefix');\n\nvar _autoPrefix2 = _interopRequireDefault(_autoPrefix);\n\nvar _transitions =
require('../styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nfunction
_interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };}\n\nvar
SlideInChild = function (_Component) {\n (0, _inherits3.default)(SlideInChild, _Component);\n\n function
SlideInChild() {\n (0, _classCallCheck3.default)(this, SlideInChild);\n return (0,
_possibleConstructorReturn3.default)(this, (SlideInChild.__proto__ || (0,
_getPrototypeOf2.default)(SlideInChild)).apply(this, arguments));\n }\n\n (0, _createClass3.default)(SlideInChild,
[{\n key: 'componentWillUnmount',\n value: function componentWillUnmount() {\n
clearTimeout(this.enterTimer);\n clearTimeout(this.leaveTimer);\n }\n }, {\n key: 'componentWillEnter',\n
value: function componentWillEnter(callback) {\n var style = _reactDom2.default.findDOMNode(this).style;\n
var x = this.props.direction === 'left' ? '100%' : this.props.direction === 'right' ? '-100%' : '0';\n var y =

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this.props.direction === 'up' ? '100%' : this.props.direction === 'down' ? '-100%' : '0';\n    style.opacity = '0';\n\n    _autoPrefix2.default.set(style, 'transform', 'translate(' + x + ', ' + y + '));\n\n    this.enterTimer =
setTimeout(callback, this.props.enterDelay);\n  }\n }, {\n key: 'componentDidEnter',\n value: function
componentDidEnter() {\n    var style = _reactDom2.default.findDOMNode(this).style;\n\n    style.opacity =
'1';\n\n    _autoPrefix2.default.set(style, 'transform', 'translate(0,0));\n  }\n }, {\n key: 'componentWillLeave',\n
value: function componentWillLeave(callback) {\n    var style =
_reactDom2.default.findDOMNode(this).style;\n\n    var direction = this.props.getLeaveDirection();\n    var x =
direction === 'left' ? '-100%' : direction === 'right' ? '100%' : '0';\n    var y = direction === 'up' ? '-100%' : direction
=== 'down' ? '100%' : '0';\n    style.opacity = '0';\n\n    _autoPrefix2.default.set(style, 'transform', 'translate(' + x +
', ' + y + '));\n\n    this.leaveTimer = setTimeout(callback, 450);\n  }\n }, {\n key: 'render',\n value: function
render() {\n    var _props = this.props,\n        children = _props.children,\n        enterDelay =
_props.enterDelay,\n        getLeaveDirection = _props.getLeaveDirection,\n        style = _props.style,\n        other
= (0, _objectWithoutProperties3.default)(_props, ['children', 'enterDelay', 'getLeaveDirection', 'style']);\n    var
prepareStyles = this.context.muiTheme.prepareStyles;\n    var mergedRootStyles = (0, _simpleAssign2.default)({},
{\n    position: 'absolute',\n    height: '100%',\n    width: '100%',\n    top: 0,\n    left: 0,\n    transition:
_transitions2.default.easeOut(null, ['transform', 'opacity'])\n    }, style);\n    return
_react2.default.createElement('div', (0, _extends3.default)({}, other, {\n    style:
prepareStyles(mergedRootStyles)\n    }), children);\n  }\n });\n return
SlideInChild;\n})(_react.Component);\n\nSlideInChild.defaultProps = {\n enterDelay:
0\n};\nSlideInChild.contextTypes = {\n muiTheme:
_propTypes2.default.object.isRequired\n};\nSlideInChild.propTypes = process.env.NODE_ENV !== \"production\"
? {\n children: _propTypes2.default.node,\n direction: _propTypes2.default.string,\n enterDelay:
_propTypes2.default.number,\n // This callback is needed because the direction could change when leaving the
DOM\n getLeaveDirection: _propTypes2.default.func.isRequired,\n style: _propTypes2.default.object\n } :
{};\nexports.default = SlideInChild;","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 =
_interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _transitions = require('../styles/transitions');\n\nvar
_transitions2 = _interopRequireDefault(_transitions);\n\nvar _SlideIn = require('../internal/SlideIn');\n\nvar
_SlideIn2 = _interopRequireDefault(_SlideIn);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n    default: obj\n };}\n\n\nfunction getStyles(props, context, state) {\n var datePicker =
context.muiTheme.datePicker;\n var selectedYear = state.selectedYear;\n var isLandscape = props.mode ===
'landscape';\n var styles = {\n    root: {\n    width: isLandscape ? 165 : '100%',\n    height: isLandscape ? 330 :
'auto',\n    float: isLandscape ? 'left' : 'none',\n    fontWeight: 700,\n    display: 'inline-block',\n
backgroundColor: datePicker.headerColor,\n    borderTopLeftRadius: 2,\n    borderTopRightRadius: isLandscape
? 0 : 2,\n    borderBottomLeftRadius: isLandscape ? 2 : 0,\n    color: datePicker.textColor,\n    padding: 20,\n
boxSizing: 'border-box'\n    },\n    monthDay: {\n    display: 'block',\n    fontSize: 36,\n    lineHeight: '36px',\n
height: props.mode === 'landscape' ? '100%' : 38,\n    opacity: selectedYear ? 0.7 : 1,\n    transition:

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_transitions2.default.easeOut(),\n width: '100%',\n fontWeight: '500'\n },\n monthDayTitle: {\n cursor:
!selectedYear ? 'default' : 'pointer',\n width: '100%',\n display: 'block'\n },\n year: {\n margin: 0,\n
fontSize: 16,\n fontWeight: '500',\n lineHeight: '16px',\n height: 16,\n opacity: selectedYear ? 1 : 0.7,\n
transition: _transitions2.default.easeOut(),\n marginBottom: 10\n },\n yearTitle: {\n cursor:
props.disableYearSelection || selectedYear ? 'default' : 'pointer'\n }\n };
return styles;\n}\n\nvar DateDisplay =
function (_Component) {\n (0, _inherits3.default)(DateDisplay, _Component);\n\n function DateDisplay() {\n
var _ref;\n\n var _temp, _this, _ret;\n\n (0, _classCallCheck3.default)(this, DateDisplay);\n\n for (var _len =
arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n args[_key] = arguments[_key];\n
}\n\n return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = DateDisplay.__proto__
|| (0, _getPrototypeOf2.default)(DateDisplay)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n
selectedYear: false,\n transitionDirection: 'up'\n }, _this.handleClickMonthDay = function () {\n if
(_this.props.onClickMonthDay && _this.state.selectedYear) {\n _this.props.onClickMonthDay();\n }\n\n
_this.setState({\n selectedYear: false\n });\n }, _this.handleClickYear = function () {\n if
(_this.props.onClickYear && !_this.props.disableYearSelection && !_this.state.selectedYear) {\n
_this.props.onClickYear();\n }\n\n if (!_this.props.disableYearSelection) {\n _this.setState({\n
selectedYear: true\n });\n }\n }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n }\n\n (0,
_createClass3.default)(DateDisplay, [{\n key: 'componentWillMount',\n value: function componentWillMount()
{\n if (!this.props.monthDaySelected) {\n this.setState({\n selectedYear: true\n });\n }\n }\n
}], {\n key: 'componentWillReceiveProps',\n value: function componentWillReceiveProps(nextProps) {\n if
(nextProps.selectedDate !== this.props.selectedDate) {\n var direction = nextProps.selectedDate >
this.props.selectedDate ? 'up' : 'down';\n this.setState({\n transitionDirection: direction\n });\n }\n\n
if (nextProps.monthDaySelected !== undefined) {\n this.setState({\n selectedYear:
!nextProps.monthDaySelected\n });\n }\n }\n }, {\n key: 'render',\n value: function render() {\n var
_props = this.props,\n DateTimeFormat = _props.DateTimeFormat,\n disableYearSelection =
_props.disableYearSelection,\n locale = _props.locale,\n mode = _props.mode,\n
monthDaySelected = _props.monthDaySelected,\n onClickMonthDay = _props.onClickMonthDay,\n
onClickYear = _props.onClickYear,\n selectedDate = _props.selectedDate,\n style = _props.style,\n
other = (0, _objectWithoutProperties3.default)(_props, ['DateTimeFormat', 'disableYearSelection', 'locale', 'mode',
'monthDaySelected', 'onClickMonthDay', 'onClickYear', 'selectedDate', 'style']);\n var prepareStyles =
this.context.muiTheme.prepareStyles;\n var styles = getStyles(this.props, this.context, this.state);\n var year =
new DateTimeFormat(locale, {\n year: 'numeric'\n }).format(selectedDate);\n var dateTime = new
DateTimeFormat(locale, {\n month: 'short',\n weekday: 'short',\n day: '2-digit'\n
}).format(selectedDate);\n return _react2.default.createElement('div', (0, _extends3.default)({}, other, {\n
style: prepareStyles(styles.root, style)\n })), _react2.default.createElement(_SlideIn2.default, {\n style:
styles.year,\n direction: this.state.transitionDirection\n }, _react2.default.createElement('div', {\n key:
year,\n style: styles.yearTitle,\n onClick: this.handleClickYear\n }, year)),
_react2.default.createElement(_SlideIn2.default, {\n style: styles.monthDay,\n direction:
this.state.transitionDirection\n }, _react2.default.createElement('div', {\n key: dateTime,\n onClick:
this.handleClickMonthDay,\n style: styles.monthDayTitle\n }, dateTime)));\n }\n }));\n return
DateDisplay;\n})(_react.Component);\n\nDateDisplay.defaultProps = {\n disableYearSelection: false,\n
monthDaySelected: true\n};\n\nDateDisplay.contextTypes = {\n muiTheme:
_propTypes2.default.object.isRequired\n};\n\nDateDisplay.propTypes = process.env.NODE_ENV !== \"production\"
? {\n DateTimeFormat: _propTypes2.default.func.isRequired,\n disableYearSelection: _propTypes2.default.bool,\n
locale: _propTypes2.default.string.isRequired,\n mode: _propTypes2.default.oneOf(['portrait', 'landscape']),\n
monthDaySelected: _propTypes2.default.bool,\n onClickMonthDay: _propTypes2.default.func,\n onClickYear:
_propTypes2.default.func,\n selectedDate: _propTypes2.default.object.isRequired,\n style:
_propTypes2.default.object\n} : {};\n\nexports.default = DateDisplay;
\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3

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= _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactDom = require('react-
dom');\n\nvar _reactDom2 = _interopRequireDefault(_reactDom);\n\nvar _reactEventListener = require('react-
event-listener');\n\nvar _reactEventListener2 = _interopRequireDefault(_reactEventListener);\n\nvar _keyCode =
require('keyCode');\n\nvar _keyCode2 = _interopRequireDefault(_keyCode);\n\nvar _transitions =
require('./styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nvar _Overlay =
require('./internal/Overlay');\n\nvar _Overlay2 = _interopRequireDefault(_Overlay);\n\nvar _RenderToLayer =
require('./internal/RenderToLayer');\n\nvar _RenderToLayer2 = _interopRequireDefault(_RenderToLayer);\n\nvar
_Paper = require('./Paper');\n\nvar _Paper2 = _interopRequireDefault(_Paper);\n\nvar _TransitionGroup =
require('react-transition-group/TransitionGroup');\n\nvar _TransitionGroup2 =
_interopRequireDefault(_TransitionGroup);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };}\n\nvar TransitionItem = function (_Component) {\n  (0,
_inherits3.default)(TransitionItem, _Component);\n\n  function TransitionItem()\n    var _ref;\n    var _temp,\n    _this, _ret;\n    (0, _classCallCheck3.default)(this, TransitionItem);\n    for (var _len = arguments.length, args =
Array(_len), _key = 0; _key < _len; _key++)\n      args[_key] = arguments[_key];\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = TransitionItem.__proto__ || (0,
_getPrototypeOf2.default)(TransitionItem)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n    style:
{\n    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  })\n  (0, _createClass3.default)(TransitionItem, [{\n    key: 'componentWillUnmount',\n    value: function
componentWillUnmount()\n      clearTimeout(this.enterTimeout);\n      clearTimeout(this.leaveTimeout);\n    }], [{\n    key: 'componentWillEnter',\n    value: function componentWillEnter(callback) {\n
this.componentWillAppear(callback);\n  }}, {\n    key: 'componentWillAppear',\n    value: function
componentWillAppear(callback) {\n    var spacing = this.context.muiTheme.baseTheme.spacing;\n
this.setState({\n    style: {\n      opacity: 1,\n      transform: 'translate(0, ' + spacing.desktopKeylineIncrement
+ 'px)'\n    }]);\n    this.enterTimeout = setTimeout(callback, 450); // matches transition duration\n  }}, {\n    key: 'componentWillLeave',\n    value: function componentWillLeave(callback) {\n    this.setState({\n    style: {\n      opacity: 0,\n      transform: 'translate(0, 0)'\n    }]);\n    this.leaveTimeout =
setTimeout(callback, 450); // matches transition duration\n  }}, {\n    key: 'render',\n    value: function render()\n      var _props = this.props,\n      style = _props.style,\n      children = _props.children,\n      other = (0,
_objectWithoutProperties3.default)(_props, ['style', 'children']);\n      var prepareStyles =
this.context.muiTheme.prepareStyles;\n      return _react2.default.createElement('div', (0, _extends3.default)({\n
other, {\n    style: prepareStyles((0, _simpleAssign2.default)({\n    }, this.state.style, style))\n  })), children);\n  }]);\n  return TransitionItem;\n})(_react.Component);\n\nTransitionItem.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nTransitionItem.propTypes = process.env.NODE_ENV !==
"production" ? {\n  children: _propTypes2.default.node,\n  style: _propTypes2.default.object\n} : {};\n\nfunction
getStyles(props, context) {\n  var autoScrollBodyContent = props.autoScrollBodyContent,\n  open =
props.open;\n  var _context$muiTheme = context.muiTheme,\n  _context$muiTheme$bas =

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_context$muiTheme.baseTheme,\n   spacing = _context$muiTheme$bas.spacing,\n   palette =
_context$muiTheme$bas.palette,\n   dialog = _context$muiTheme.dialog,\n   zIndex =
_context$muiTheme.zIndex;\n var gutter = spacing.desktopGutter;\n var borderScroll = '1px solid ' +
palette.borderColor;\n return {\n   root: {\n     position: 'fixed',\n     boxSizing: 'border-box',\n     WebkitTapHighlightColor: 'rgba(0,0,0,0)',\n     // Remove mobile color flashing (deprecated)\n     zIndex:
zIndex.dialog,\n     top: 0,\n     left: open ? 0 : -10000,\n     width: '100%',\n     height: '100%',\n     transition: open
? _transitions2.default.easeOut('0ms', 'left', '0ms') : _transitions2.default.easeOut('0ms', 'left', '450ms')\n   },\n   content: {\n     boxSizing: 'border-box',\n     WebkitTapHighlightColor: 'rgba(0,0,0,0)',\n     // Remove mobile
color flashing (deprecated)\n     transition: _transitions2.default.easeOut(),\n     position: 'relative',\n     width:
'75%',\n     maxWidth: spacing.desktopKeylineIncrement * 12,\n     margin: '0 auto',\n     zIndex: zIndex.dialog\n   },\n   actionsContainer: {\n     boxSizing: 'border-box',\n     WebkitTapHighlightColor: 'rgba(0,0,0,0)',\n     //
Remove mobile color flashing (deprecated)\n     padding: 8,\n     width: '100%',\n     textAlign: 'right',\n     marginTop: autoScrollBodyContent ? -1 : 0\n   },\n   overlay: {\n     zIndex: zIndex.dialogOverlay\n   },\n   title:
{\n     margin: 0,\n     padding: gutter + 'px ' + gutter + 'px 20px ' + gutter + 'px',\n     color: palette.textColor,\n     fontSize: dialog.titleFontSize,\n     lineHeight: '32px',\n     fontWeight: 400,\n     marginBottom:
autoScrollBodyContent ? -1 : 0\n   },\n   body: {\n     fontSize: dialog.bodyFontSize,\n     color:
dialog.bodyColor,\n     padding: (props.title ? 0 : gutter) + 'px ' + gutter + 'px ' + gutter + 'px',\n     boxSizing:
'border-box',\n     overflowY: autoScrollBodyContent ? 'auto' : 'hidden',\n     borderTop: autoScrollBodyContent ?
borderScroll : 'none',\n     borderBottom: autoScrollBodyContent ? borderScroll : 'none'\n   }\n };}\n\nvar
DialogInline = function (_Component2) {\n   (0, _inherits3.default)(DialogInline, _Component2);\n   function
DialogInline() {\n     var _ref2;\n     var _temp2, _this2, _ret2;\n     (0, _classCallCheck3.default)(this,
DialogInline);\n     for (var _len2 = arguments.length, args = Array(_len2), _key2 = 0; _key2 < _len2; _key2++)
{\n       args[_key2] = arguments[_key2];\n     }\n     return _ret2 = (_temp2 = (_this2 = (0,
_possibleConstructorReturn3.default)(this, (_ref2 = DialogInline.__proto__ || (0,
_getPrototypeOf2.default)(DialogInline)).call.apply(_ref2, [this].concat(args))), _this2), _this2.handleClickOverlay
= function () {\n       _this2.requestClose(false);\n     }, _this2.handleKeyUp = function (event) {\n       if ((0,
_keycode2.default)(event) === 'esc') {\n         _this2.requestClose(false);\n       }\n     }, _this2.handleResize =
function () {\n       _this2.positionDialog();\n     }, _temp2), (0, _possibleConstructorReturn3.default)(_this2, _ret2);\n   }\n   (0, _createClass3.default)(DialogInline, [{\n     key: 'componentDidMount',\n     value: function
componentDidMount() {\n       this.positionDialog();\n     }\n   }, {\n     key: 'componentDidUpdate',\n     value:
function componentDidUpdate() {\n       this.positionDialog();\n     }\n   }, {\n     key: 'positionDialog',\n     value:
function positionDialog() {\n       var _props2 = this.props,\n         actions = _props2.actions,\n         autoDetectWindowHeight = _props2.autoDetectWindowHeight,\n         autoScrollBodyContent =
_props2.autoScrollBodyContent,\n         bodyStyle = _props2.bodyStyle,\n         open = _props2.open,\n         repositionOnUpdate = _props2.repositionOnUpdate,\n         title = _props2.title;\n       if (!open) {\n         return;\n       }\n       var clientHeight = window.innerHeight || document.documentElement.clientHeight ||
document.body.clientHeight;\n       var container = _reactDom2.default.findDOMNode(this);\n       var
dialogWindow = _reactDom2.default.findDOMNode(this.refs.dialogWindow);\n       var dialogContent =
_reactDom2.default.findDOMNode(this.refs.dialogContent);\n       var minPaddingTop = 16; // Reset the height in
case the window was resized.\n       dialogWindow.style.height = \";\n       dialogContent.style.height = \";\n       var
dialogWindowHeight = dialogWindow.offsetHeight;\n       var paddingTop = (clientHeight - dialogWindowHeight) /
2 - 64;\n       if (paddingTop < minPaddingTop) paddingTop = minPaddingTop; // Vertically center the dialog
window, but make sure it doesn't\n       // transition to that position.\n       if (repositionOnUpdate ||
!container.style.paddingTop) {\n         container.style.paddingTop = paddingTop + 'px';\n       } // Force a height if the
dialog is taller than clientHeight\n       if (autoDetectWindowHeight || autoScrollBodyContent) {\n         var styles
= getStyles(this.props, this.context);\n         styles.body = (0, _simpleAssign2.default)(styles.body, bodyStyle);\n         var maxDialogContentHeight = clientHeight - 2 * 64;\n         if (title) maxDialogContentHeight -=
dialogContent.previousSibling.offsetHeight;\n         if (_react2.default.Children.count(actions)) {\n

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maxDialogContentHeight -= dialogContent.nextSibling.offsetHeight;\n    }\n\n
dialogContent.style.maxHeight = maxDialogContentHeight + 'px';\n\n    if (maxDialogContentHeight >
dialogWindowHeight) {\n        dialogContent.style.borderBottom = 'none';\n        dialogContent.style.borderTop =
'none';\n    }\n    }\n    }, {\n    key: 'requestClose',\n    value: function requestClose(buttonClicked) {\n    if
(!buttonClicked && this.props.modal) {\n        return;\n    }\n\n    if (this.props.onRequestClose) {\n
this.props.onRequestClose(!buttonClicked);\n    }\n    }\n    }, {\n    key: 'render',\n    value: function render() {\n
var _props3 = this.props,\n        actions = _props3.actions,\n        actionsContainerClassName =
_props3.actionsContainerClassName,\n        actionsContainerStyle = _props3.actionsContainerStyle,\n
bodyClassName = _props3.bodyClassName,\n        bodyStyle = _props3.bodyStyle,\n        children =
_props3.children,\n        className = _props3.className,\n        contentClassName =
_props3.contentClassName,\n        contentStyle = _props3.contentStyle,\n        overlayClassName =
_props3.overlayClassName,\n        overlayStyle = _props3.overlayStyle,\n        open = _props3.open,\n
paperClassName = _props3.paperClassName,\n        paperProps = _props3.paperProps,\n        style =
_props3.style,\n        titleClassName = _props3.titleClassName,\n        titleStyle = _props3.titleStyle,\n
title
= _props3.title;\n    var prepareStyles = this.context.muiTheme.prepareStyles;\n    var styles =
getStyles(this.props, this.context);\n    styles.root = (0, _simpleAssign2.default)(styles.root, style);\n
styles.content = (0, _simpleAssign2.default)(styles.content, contentStyle);\n    styles.body = (0,
_simpleAssign2.default)(styles.body, bodyStyle);\n    styles.actionsContainer = (0,
_simpleAssign2.default)(styles.actionsContainer, actionsContainerStyle);\n    styles.overlay = (0,
_simpleAssign2.default)(styles.overlay, overlayStyle);\n    styles.title = (0, _simpleAssign2.default)(styles.title,
titleStyle);\n\n    var actionsContainer = _react2.default.Children.count(actions) > 0 &&
_react2.default.createElement('div', {\n        className: actionsContainerClassName,\n        style:
prepareStyles(styles.actionsContainer)\n    }, _react2.default.Children.toArray(actions));\n\n    var titleElement =
title;\n\n    if (_react2.default.isValidElement(title)) {\n        titleElement = _react2.default.cloneElement(title, {\n
        className: title.props.className || titleClassName,\n        style: prepareStyles((0,
_simpleAssign2.default)(styles.title, title.props.style))\n    });\n    } else if (typeof title === 'string') {\n
titleElement = _react2.default.createElement('h3', {\n        className: titleClassName,\n        style:
prepareStyles(styles.title)\n    }, title);\n    }\n\n    return _react2.default.createElement('div', {\n
        className: className,\n        style: prepareStyles(styles.root)\n    }, open &&
_react2.default.createElement(_reactEventListener2.default, {\n        target: 'window',\n        onKeyUp:
this.handleKeyUp,\n        onResize: this.handleResize\n    })),
_react2.default.createElement(_TransitionGroup2.default, {\n        component: 'div',\n        ref: 'dialogWindow',\n
transitionAppear: true,\n        transitionAppearTimeout: 450,\n        transitionEnter: true,\n
transitionEnterTimeout: 450\n    }, open && _react2.default.createElement(TransitionItem, {\n        className:
contentClassName,\n        style: styles.content\n    }, _react2.default.createElement(_Paper2.default, (0,
_extends3.default)({\n        className: paperClassName,\n        zIndex: 4\n    }, paperProps), titleElement,
_react2.default.createElement('div', {\n        ref: 'dialogContent',\n        className: bodyClassName,\n        style:
prepareStyles(styles.body)\n    }, children), actionsContainer))), _react2.default.createElement(_Overlay2.default,
{\n        show: open,\n        className: overlayClassName,\n        style: styles.overlay,\n        onClick:
this.handleClickOverlay\n    }));\n    }\n    });\n    return
DialogInline;\n}(_react.Component);\n\nDialogInline.contextTypes = {\n    muiTheme:
_propTypes2.default.object.isRequired\n};\nDialogInline.propTypes = process.env.NODE_ENV !== "production"
? {\n    actions: _propTypes2.default.node,\n    actionsContainerClassName: _propTypes2.default.string,\n
actionsContainerStyle: _propTypes2.default.object,\n    autoDetectWindowHeight: _propTypes2.default.bool,\n
autoScrollBodyContent: _propTypes2.default.bool,\n    bodyClassName: _propTypes2.default.string,\n    bodyStyle:
_propTypes2.default.object,\n    children: _propTypes2.default.node,\n    className: _propTypes2.default.string,\n
contentClassName: _propTypes2.default.string,\n    contentStyle: _propTypes2.default.object,\n    modal:
_propTypes2.default.bool,\n    onRequestClose: _propTypes2.default.func,\n    open:

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_propTypes2.default.bool.isRequired,\n overlayClassName: _propTypes2.default.string,\n overlayStyle:
_propTypes2.default.object,\n paperClassName: _propTypes2.default.string,\n paperProps:
_propTypes2.default.object,\n repositionOnUpdate: _propTypes2.default.bool,\n style:
_propTypes2.default.object,\n title: _propTypes2.default.node,\n titleClassName: _propTypes2.default.string,\n
titleStyle: _propTypes2.default.object\n} : {};\n\nvar Dialog = function (_Component3) {\n (0,
_inherits3.default)(Dialog, _Component3);\n\n function Dialog() {\n var _ref3;\n\n var _temp3, _this3,
_ret3;\n\n (0, _classCallCheck3.default)(this, Dialog);\n\n for (var _len3 = arguments.length, args =
Array(_len3), _key3 = 0; _key3 < _len3; _key3++) {\n args[_key3] = arguments[_key3];\n }\n\n return _ret3
= (_temp3 = (_this3 = (0, _possibleConstructorReturn3.default)(this, (_ref3 = Dialog.__proto__ || (0,
_getPrototypeOf2.default)(Dialog)).call.apply(_ref3, [this].concat(args))), _this3), _this3.renderLayer = function ()
{\n return _react2.default.createElement(DialogInline, _this3.props);\n }, _temp3), (0,
_possibleConstructorReturn3.default)(_this3, _ret3);\n }\n\n (0, _createClass3.default)(Dialog, [{\n key:
'render',\n value: function render() {\n return _react2.default.createElement(_RenderToLayer2.default, {\n
render: this.renderLayer,\n open: true,\n useLayerForClickAway: false\n });\n }\n }]);\n return
Dialog;\n})(_react.Component);\n\nDialog.contextTypes = {\n muiTheme:
_propTypes2.default.object.isRequired\n};\n\nDialog.defaultProps = {\n autoDetectWindowHeight: true,\n
autoScrollBodyContent: false,\n modal: false,\n repositionOnUpdate: true\n};\n\nDialog.propTypes =
process.env.NODE_ENV !== "production" ? {\n /**\n * Action buttons to display below the Dialog content
(children`).\n * This property accepts either a React element, or an array of React elements.\n */\n actions:
_propTypes2.default.node,\n\n /**\n * The `className` to add to the actions container's root element.\n */\n
actionsContainerClassName: _propTypes2.default.string,\n\n /**\n * Overrides the inline-styles of the actions
container's root element.\n */\n actionsContainerStyle: _propTypes2.default.object,\n\n /**\n * If set to true, the
height of the `Dialog` will be auto detected. A max height\n * will be enforced so that the content does not extend
beyond the viewport.\n */\n autoDetectWindowHeight: _propTypes2.default.bool,\n\n /**\n * If set to true, the
body content of the `Dialog` will be scrollable.\n */\n autoScrollBodyContent: _propTypes2.default.bool,\n\n
/**\n * The `className` to add to the content's root element under the title.\n */\n bodyClassName:
_propTypes2.default.string,\n\n /**\n * Overrides the inline-styles of the content's root element under the title.\n
*/\n bodyStyle: _propTypes2.default.object,\n\n /**\n * The contents of the `Dialog`.\n */\n children:
_propTypes2.default.node,\n\n /**\n * @ignore\n */\n className: _propTypes2.default.string,\n\n /**\n * The
`className` to add to the content container.\n */\n contentClassName: _propTypes2.default.string,\n\n /**\n *
Overrides the inline-styles of the content container.\n */\n contentStyle: _propTypes2.default.object,\n\n /**\n
* Force the user to use one of the actions in the `Dialog`.\n */\n onRequestClose: _propTypes2.default.func,\n\n
/**\n * Fired when the `Dialog` is requested to be closed by a click outside the `Dialog` or on the buttons.\n
*/\n modal: _propTypes2.default.bool,\n\n /**\n * @param {bool} buttonClicked Determines whether a button click
triggered this request.\n */\n onRequestClose: _propTypes2.default.func,\n\n /**\n * Controls whether the Dialog is
opened or not.\n */\n open: _propTypes2.default.bool.isRequired,\n\n /**\n * The
`className` to add to the `Overlay` component that is rendered behind the `Dialog`.\n */\n overlayClassName:
_propTypes2.default.string,\n\n /**\n * Overrides the inline-styles of the `Overlay` component that is rendered
behind the `Dialog`.\n */\n overlayStyle: _propTypes2.default.object,\n\n /**\n * The CSS class name of the
`Paper` element.\n */\n paperClassName: _propTypes2.default.string,\n\n /**\n * Properties applied to the
`Paper` element.\n */\n paperProps: _propTypes2.default.object,\n\n /**\n * Determines whether the `Dialog`
should be repositioned when it's contents are updated.\n */\n repositionOnUpdate: _propTypes2.default.bool,\n\n
/**\n * Override the inline-styles of the root element.\n */\n style: _propTypes2.default.object,\n\n /**\n * The
title to display on the `Dialog`. Could be number, string, element or an array containing these types.\n */\n title:
_propTypes2.default.node,\n\n /**\n * The `className` to add to the title's root container element.\n */\n
titleClassName: _propTypes2.default.string,\n\n /**\n * Overrides the inline-styles of the title's root container
element.\n */\n titleStyle: _propTypes2.default.object\n} : {};\n\nexports.default = Dialog;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _getPrototypeOf =

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require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _react =
require('react');\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =
_interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule
? obj : {\n default: obj\n };\n}\n\nvar originalBodyOverflow = null;\nvar lockingCounter = 0;\n\nvar
AutoLockScrolling = function (_Component) {\n (0, _inherits3.default)(AutoLockScrolling, _Component);\n\n
function AutoLockScrolling() {\n var _ref;\n\n var _temp, _this, _ret;\n\n (0, _classCallCheck3.default)(this,
AutoLockScrolling);\n\n for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n
args[_key] = arguments[_key];\n }\n\n return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = AutoLockScrolling.__proto__ || (0,
_getPrototypeOf2.default)(AutoLockScrolling)).call.apply(_ref, [this].concat(args))), _this), _this.locked = false,
_temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n }\n\n (0,
_createClass3.default)(AutoLockScrolling, [{\n key: 'componentDidMount',\n value: function
componentDidMount() {\n if (this.props.lock === true) {\n this.preventScrolling();\n }\n }\n }, {\n
key: 'componentWillReceiveProps',\n value: function componentWillReceiveProps(nextProps) {\n if
(this.props.lock !== nextProps.lock) {\n if (nextProps.lock) {\n this.preventScrolling();\n } else {\n
this.allowScrolling();\n }\n }\n }\n }, {\n key: 'componentWillUnmount',\n value: function
componentWillUnmount() {\n this.allowScrolling();\n } // force to only lock/unlock once\n\n }, {\n key:
'preventScrolling',\n value: function preventScrolling() {\n if (this.locked === true) {\n return;\n }\n\n
lockingCounter = lockingCounter + 1;\n this.locked = true; // only lock the first time the component is
mounted.\n\n if (lockingCounter === 1) {\n var body = document.getElementsByTagName('body')[0];\n
originalBodyOverflow = body.style.overflow;\n body.style.overflow = 'hidden';\n }\n }\n }, {\n key:
'allowScrolling',\n value: function allowScrolling() {\n if (this.locked === true) {\n lockingCounter =
lockingCounter - 1;\n this.locked = false;\n }\n\n if (lockingCounter === 0 && originalBodyOverflow
!== null) {\n var body = document.getElementsByTagName('body')[0];\n body.style.overflow =
originalBodyOverflow || '';\n originalBodyOverflow = null;\n }\n }\n }, {\n key: 'render',\n value:
function render() {\n return null;\n }\n }]);\n return
AutoLockScrolling;\n}(_react.Component);\n\nAutoLockScrolling.propTypes = process.env.NODE_ENV !==
'production' ? {\n lock: _propTypes2.default.bool.isRequired\n } : {};\n\nexports.default =
AutoLockScrolling;" "use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar
_getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactDom = require('react-dom');\n\nvar _reactDom2 =
_interopRequireDefault(_reactDom);\n\nvar _reactEventListener = require('react-event-listener');\n\nvar

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_reactEventListener2 = _interopRequireDefault(_reactEventListener);\n\nvar _keycode = require('keycode');\n\nvar _keycode2 = _interopRequireDefault(_keycode);\n\nvar _autoPrefix = require('./utils/autoPrefix');\n\nvar _autoPrefix2 = _interopRequireDefault(_autoPrefix);\n\nvar _transitions = require('./styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nvar _Overlay = require('./internal/Overlay');\n\nvar _Overlay2 = _interopRequireDefault(_Overlay);\n\nvar _Paper = require('./Paper');\n\nvar _Paper2 = _interopRequireDefault(_Paper);\n\nvar _propTypes3 = require('./utils/propTypes');\n\nvar _propTypes4 = _interopRequireDefault(_propTypes3);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar openNavEventHandler = null;\n\nvar Drawer = function (_Component) {\n  (0, _inherits3.default)(Drawer, _Component);\n\n  function Drawer() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, Drawer);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = Drawer.__proto__ || (0, _getPrototypeOf2.default)(Drawer)).call.apply(_ref, [this].concat(args))), _this), _this.handleClickOverlay = function (event) {\n      event.preventDefault();\n\n      _this.close('clickaway');\n    }, _this.handleKeyUp = function (event) {\n      if (_this.state.open && !_this.props.docked && (0, _keycode2.default)(event) === 'esc') {\n        _this.close('escape');\n      }\n    }, _this.onBodyTouchStart = function (event) {\n      var swipeAreaWidth = _this.props.swipeAreaWidth;\n\n      var touchStartX = _this.context.muiTheme.isRtl ? document.body.offsetWidth - event.touches[0].pageX : event.touches[0].pageX;\n\n      var touchStartY = event.touches[0].pageY; // Open only if swiping from far left (or right) while closed\n\n      if (swipeAreaWidth !== null && !_this.state.open) {\n        if (_this.props.openSecondary) {\n          // If openSecondary is true calculate from the far right\n          if (touchStartX < document.body.offsetWidth - swipeAreaWidth) return;\n        } else {\n          // If openSecondary is false calculate from the far left\n          if (touchStartX > swipeAreaWidth) return;\n        }\n      }\n\n      if (!_this.state.open && (openNavEventHandler !== _this.onBodyTouchStart || _this.props.disableSwipeToOpen)) {\n        return;\n      }\n\n      _this.maybeSwiping = true;\n      _this.touchStartX = touchStartX;\n      _this.touchStartY = touchStartY;\n      document.body.addEventListener('touchmove', _this.onBodyTouchMove);\n      document.body.addEventListener('touchend', _this.onBodyTouchEnd);\n      document.body.addEventListener('touchcancel', _this.onBodyTouchEnd);\n    }, _this.onBodyTouchMove = function (event) {\n      var currentX = _this.context.muiTheme.isRtl ? document.body.offsetWidth - event.touches[0].pageX : event.touches[0].pageX;\n\n      var currentY = event.touches[0].pageY;\n\n      if (_this.state.swiping) {\n        event.preventDefault();\n\n        _this.setPosition(_this.getTranslateX(currentX));\n      } else if (_this.maybeSwiping) {\n        var dXAbs = Math.abs(currentX - _this.touchStartX);\n        var dYAbs = Math.abs(currentY - _this.touchStartY); // If the user has moved his thumb ten pixels in either direction,\n        // we can safely make an assumption about whether he was intending\n        // to swipe or scroll.\n\n        var threshold = 10;\n\n        if (dXAbs > threshold && dYAbs <= threshold) {\n          _this.swipeStartX = currentX;\n\n          _this.setState({\n            swiping: _this.state.open ? 'closing' : 'opening'\n          });\n\n          _this.setPosition(_this.getTranslateX(currentX));\n        } else if (dXAbs <= threshold && dYAbs > threshold) {\n          _this.onBodyTouchEnd();\n        }\n      }\n    }, _this.onBodyTouchEnd = function (event) {\n      if (_this.state.swiping) {\n        var currentX = _this.context.muiTheme.isRtl ? document.body.offsetWidth - event.changedTouches[0].pageX : event.changedTouches[0].pageX;\n\n        var translateRatio = _this.getTranslateX(currentX) / _this.getMaxTranslateX();\n\n        _this.maybeSwiping = false;\n        var swiping = _this.state.swiping;\n\n        _this.setState({\n          swiping: null\n        }); // We have to open or close after setting swiping to null,\n        // because only then CSS transition is enabled.\n\n        if (translateRatio > 0.5) {\n          if (swiping === 'opening') {\n            _this.setPosition(_this.getMaxTranslateX());\n          } else {\n            _this.close('swipe');\n          }\n        } else {\n          if (swiping === 'opening') {\n            _this.open('swipe');\n          } else {\n            _this.setPosition(0);\n          }\n        }\n      } else {\n        _this.maybeSwiping = false;\n      }\n\n      _this.removeBodyTouchListeners();\n    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n}\n\n(0, _createClass3.default)(Drawer, [{\n  key: 'componentWillMount',\n  value: function componentWillMount()\n    {\n      this.maybeSwiping = false;\n      this.touchStartX = null;\n      this.touchStartY = null;\n      this.swipeStartX

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= null;\n    this.setState({\n      open: this.props.open !== null ? this.props.open : this.props.docked,\n      swiping:\n      null\n    });\n  }, {\n    key: 'componentDidMount',\n    value: function componentDidMount() {\n      this.enableSwipeHandling();\n    }\n  }, {\n    key: 'componentWillReceiveProps',\n    value: function\n    componentWillReceiveProps(nextProps) {\n      // If controlled then the open prop takes precedence.\n      if\n      (nextProps.open !== null) {\n        this.setState({\n          open: nextProps.open\n        });\n      }\n      // Otherwise, if docked is\n      changed, change the open state for when uncontrolled.\n    } else if (this.props.docked !== nextProps.docked) {\n      this.setState({\n        open: nextProps.docked\n      });\n    }\n  }, {\n    key: 'componentDidUpdate',\n    value: function componentDidUpdate() {\n      this.enableSwipeHandling();\n    }\n  }, {\n    key:\n    'componentWillUnmount',\n    value: function componentWillUnmount() {\n      this.disableSwipeHandling();\n      this.removeBodyTouchListeners();\n    }\n  }, {\n    key: 'getStyles',\n    value: function getStyles() {\n      var\n      muiTheme = this.context.muiTheme;\n      var theme = muiTheme.drawer;\n      var x = this.getTranslateMultiplier()\n      * (this.state.open ? 0 : this.getMaxTranslateX());\n      var styles = {\n        root: {\n          height: '100%',\n          width: this.getTranslatedWidth() || theme.width,\n          position: 'fixed',\n          zIndex:\n          muiTheme.zIndex.drawer,\n          left: 0,\n          top: 0,\n          transform: 'translate(' + x + 'px, 0)',\n          transition: !this.state.swiping && _transitions2.default.easeOut(null, 'transform', null),\n          backgroundColor:\n          theme.color,\n          overflow: 'auto',\n          WebkitOverflowScrolling: 'touch' // iOS momentum scrolling\n        },\n        overlay: {\n          zIndex: muiTheme.zIndex.drawerOverlay,\n          pointerEvents: this.state.open ? 'auto' :\n          'none' // Bypass mouse events when left nav is closing.\n        },\n        rootWhenOpenRight: {\n          left: 'auto',\n          right: 0\n        }\n      }; \n      return styles;\n    }\n  }, {\n    key: 'shouldShow',\n    value: function shouldShow()\n    {\n      return this.state.open || !this.state.swiping; // component is swiping\n    }\n  }, {\n    key: 'close',\n    value:\n    function close(reason) {\n      if (this.props.open === null) this.setState({\n        open: false\n      });\n      if\n      (this.props.onRequestChange) this.props.onRequestChange(false, reason);\n      return this;\n    }\n  }, {\n    key:\n    'open',\n    value: function open(reason) {\n      if (this.props.open === null) this.setState({\n        open: true\n      });\n      if (this.props.onRequestChange) this.props.onRequestChange(true, reason);\n      return this;\n    }\n  }, {\n    key: 'getTranslatedWidth',\n    value: function getTranslatedWidth() {\n      if (typeof this.props.width === 'string')\n      {\n        if (/!^\d+(\.\d+)?%$/.test(this.props.width)) {\n          throw new Error('Not a valid percentage format.);\n        }\n        var width = parseFloat(this.props.width) / 100.0; // We are doing our best on the Server to render a\n        consistent UI, hence the\n        // default value of 10000\n        return typeof window !== 'undefined' ? width *\n        window.innerWidth : 10000;\n      } else {\n        return this.props.width;\n      }\n    }\n  }, {\n    key:\n    'getMaxTranslateX',\n    value: function getMaxTranslateX() {\n      var width = this.getTranslatedWidth() ||\n      this.context.muiTheme.drawer.width;\n      return width + 10;\n    }\n  }, {\n    key: 'getTranslateMultiplier',\n    value: function getTranslateMultiplier() {\n      return this.props.openSecondary ? 1 : -1;\n    }\n  }, {\n    key:\n    'enableSwipeHandling',\n    value: function enableSwipeHandling() {\n      if (!this.props.docked) {\n        document.body.addEventListener('touchstart', this.onBodyTouchStart);\n        if (!openNavEventHandler) {\n          openNavEventHandler = this.onBodyTouchStart;\n        }\n      } else {\n        this.disableSwipeHandling();\n      }\n    }\n  }, {\n    key: 'disableSwipeHandling',\n    value: function disableSwipeHandling() {\n      document.body.removeEventListener('touchstart', this.onBodyTouchStart);\n      if (openNavEventHandler ===\n      this.onBodyTouchStart) {\n        openNavEventHandler = null;\n      }\n    }\n  }, {\n    key:\n    'removeBodyTouchListeners',\n    value: function removeBodyTouchListeners() {\n      document.body.removeEventListener('touchmove', this.onBodyTouchMove);\n      document.body.removeEventListener('touchend', this.onBodyTouchEnd);\n      document.body.removeEventListener('touchcancel', this.onBodyTouchEnd);\n    }\n  }, {\n    key: 'setPosition',\n    value: function setPosition(translateX) {\n      var rtlTranslateMultiplier = this.context.muiTheme.isRtl ? -1 : 1;\n      var drawer = _reactDom2.default.findDOMNode(this.refs.clickAwayableElement);\n      var transformCSS =\n      'translate(' + this.getTranslateMultiplier() * rtlTranslateMultiplier * translateX + 'px, 0)';\n      this.refs.overlay.setOpacity(1 - translateX / this.getMaxTranslateX());\n      _autoPrefix2.default.set(drawer.style,\n      'transform', transformCSS);\n    }\n  }, {\n    key: 'getTranslateX',\n    value: function getTranslateX(currentX) {\n      return Math.min(Math.max(this.state.swiping === 'closing' ? this.getTranslateMultiplier() * (currentX -

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this.swipeStartX : this.getMaxTranslateX() - this.getTranslateMultiplier() * (this.swipeStartX - currentX), 0),
this.getMaxTranslateX());\n } } }, {\n key: 'render',\n value: function render() {\n var _props =
this.props,\n children = _props.children,\n className = _props.className,\n containerClassName
= _props.containerClassName,\n containerStyle = _props.containerStyle,\n docked = _props.docked,\n
openSecondary = _props.openSecondary,\n overlayClassName = _props.overlayClassName,\n
overlayStyle = _props.overlayStyle,\n style = _props.style,\n zIndex = _props.zDepth;\n var styles =
this.getStyles();\n var overlay = void 0;\n if (!docked) {\n overlay =
_react2.default.createElement(_Overlay2.default, {\n ref: 'overlay',\n show: this.shouldShow(),\n
className: overlayClassName,\n style: (0, _simpleAssign2.default)(styles.overlay, overlayStyle),\n
transitionEnabled: !this.state.swiping,\n onClick: this.handleClickOverlay\n });\n }\n return
_react2.default.createElement('div', {\n className: className,\n style: style\n },
_react2.default.createElement(_reactEventListener2.default, {\n target: 'window',\n onKeyUp:
this.handleKeyUp\n })), overlay, _react2.default.createElement(_Paper2.default, {\n ref:
'clickAwayableElement',\n zIndex: zIndex,\n rounded: false,\n transitionEnabled: !this.state.swiping,\n
className: containerClassName,\n style: (0, _simpleAssign2.default)(styles.root, openSecondary &&
styles.rootWhenOpenRight, containerStyle)\n }, children));\n }\n });\n return
Drawer;\n})(_react.Component);\n\nDrawer.defaultProps = {\n disableSwipeToOpen: false,\n docked: true,\n open:
null,\n openSecondary: false,\n swipeAreaWidth: 30,\n width: null,\n zIndex: 2\n};\nDrawer.contextTypes = {\n
muiTheme: _propTypes2.default.object.isRequired\n};\nDrawer.propTypes = process.env.NODE_ENV !==
'production' ? {\n /**\n * The contents of the `Drawer`\n */\n children: _propTypes2.default.node,\n /**\n
* The CSS class name of the root element.\n */\n className: _propTypes2.default.string,\n /**\n * The CSS
class name of the container element.\n */\n containerClassName: _propTypes2.default.string,\n /**\n *
Override the inline-styles of the container element.\n */\n containerStyle: _propTypes2.default.object,\n /**\n
* If true, swiping sideways when the `Drawer` is closed will not open it.\n */\n disableSwipeToOpen:
 PropTypes2.default.bool,\n /**\n * If true, the `Drawer` will be docked. In this state, the overlay won't show
and\n * clicking on a menu item will not close the `Drawer`.\n */\n docked: _propTypes2.default.bool,\n /**\n
* Callback function fired when the `open` state of the `Drawer` is requested to be changed.\n */\n * @param
{boolean} open If true, the `Drawer` was requested to be opened.\n * @param {string} reason The reason for the
open or close request. Possible values are\n * 'swipe' for open requests; 'clickaway' (on overlay clicks),\n *
'escape' (on escape key press), and 'swipe' for close requests.\n */\n onRequestChange:
 PropTypes2.default.func,\n /**\n * If true, the `Drawer` is opened. Providing a value will turn the `Drawer`\n
* into a controlled component.\n */\n open: _propTypes2.default.bool,\n /**\n * If true, the `Drawer` is
positioned to open from the opposite side.\n */\n openSecondary: _propTypes2.default.bool,\n /**\n * The
CSS class name to add to the `Overlay` component that is rendered behind the `Drawer`.\n */\n
overlayClassName: _propTypes2.default.string,\n /**\n * Override the inline-styles of the `Overlay` component
that is rendered behind the `Drawer`.\n */\n overlayStyle: _propTypes2.default.object,\n /**\n * Override the
inline-styles of the root element.\n */\n style: _propTypes2.default.object,\n /**\n * The width of the left most
(or right most) area in pixels where the `Drawer` can be\n * swiped open from. Setting this to `null` spans that area
to the entire page\n * (**CAUTION!** Setting this property to `null` might cause issues with sliders and\n *
swipeable `Tabs`: use at your own risk).\n */\n swipeAreaWidth: _propTypes2.default.number,\n /**\n * The
width of the `Drawer` in pixels or percentage in string format ex. `50%` to fill\n * half of the window or `100%`
and so on. Defaults to using the values from theme.\n */\n width:
 PropTypes2.default.oneOfType([_propTypes2.default.string, _propTypes2.default.number]),\n /**\n * The
zDepth of the `Drawer`.\n */\n zIndex: _propTypes4.default.zDepth\n } : {};\nexports.default = Drawer;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =

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require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactDom = require('react-dom');\n\nvar _reactDom2 =
_interopRequireDefault(_reactDom);\n\nvar _transitions = require('./styles/transitions');\n\nvar _transitions2 =
_interopRequireDefault(_transitions);\n\nvar _arrowDropDown = require('./svg-icons/navigation/arrow-drop-
down');\n\nvar _arrowDropDown2 = _interopRequireDefault(_arrowDropDown);\n\nvar _Menu =
require('./Menu/Menu');\n\nvar _Menu2 = _interopRequireDefault(_Menu);\n\nvar _ClearFix =
require('./internal/ClearFix');\n\nvar _ClearFix2 = _interopRequireDefault(_ClearFix);\n\nvar _Popover =
require('./Popover/Popover');\n\nvar _Popover2 = _interopRequireDefault(_Popover);\n\nvar
_PopoverAnimationVertical = require('./Popover/PopoverAnimationVertical');\n\nvar _PopoverAnimationVertical2 =
_interopRequireDefault(_PopoverAnimationVertical);\n\nvar _keyCode = require('keycode');\n\nvar _keyCode2 =
_interopRequireDefault(_keyCode);\n\nvar _events = require('./utils/events');\n\nvar _events2 =
_interopRequireDefault(_events);\n\nvar _IconButton = require('./IconButton');\n\nvar _IconButton2 =
_interopRequireDefault(_IconButton);\n\nvar _propTypes3 = require('./utils/propTypes');\n\nvar _propTypes4 =
_interopRequireDefault(_propTypes3);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule
? obj : {\n default: obj\n };\n}\n\nfunction getStyles(props, context) {\n var disabled = props.disabled;\n var
spacing = context.muiTheme.baseTheme.spacing;\n var palette = context.muiTheme.baseTheme.palette;\n var
accentColor = context.muiTheme.dropDownMenu.accentColor;\n return {\n control: {\n cursor: disabled ?
'not-allowed' : 'pointer',\n height: '100%',\n position: 'relative',\n width: '100%\n },\n icon: {\n fill:
accentColor,\n position: 'absolute',\n right: spacing.desktopGutterLess,\n top: (spacing.iconSize - 24) / 2 +
spacing.desktopGutterMini / 2\n },\n iconChildren: {\n fill: 'inherit'\n },\n label: {\n color: disabled ?
palette.disabledColor : palette.textColor,\n height: spacing.desktopToolbarHeight + 'px',\n lineHeight:
spacing.desktopToolbarHeight + 'px',\n overflow: 'hidden',\n opacity: 1,\n position: 'relative',\n
paddingLeft: spacing.desktopGutter,\n paddingRight: spacing.iconSize * 2 + spacing.desktopGutterMini,\n
textOverflow: 'ellipsis',\n top: 0,\n whiteSpace: 'nowrap'\n },\n labelWhenOpen: {\n opacity: 0,\n
top: spacing.desktopToolbarHeight / 8\n },\n root: {\n display: 'inline-block',\n fontSize:
spacing.desktopDropDownMenuFontSize,\n height: spacing.desktopSubheaderHeight,\n fontFamily:
context.muiTheme.baseTheme.fontFamily,\n outline: 'none',\n position: 'relative',\n transition:
_transitions2.default.easeOut()\n },\n rootWhenOpen: {\n opacity: 1\n },\n underline: {\n borderTop:
'solid 1px ' + accentColor,\n bottom: 1,\n left: 0,\n margin: '-1px ' + spacing.desktopGutter + 'px',\n
right: 0,\n position: 'absolute'\n };\n}\n\nvar DropDownMenu = function (_Component) {\n (0,
_inherits3.default)(DropDownMenu, _Component);\n\n function DropDownMenu() {\n var _ref;\n\n var _temp,
_ret;\n\n (0, _classCallCheck3.default)(this, DropDownMenu);\n\n for (var _len = arguments.length, args
= Array(_len), _key = 0; _key < _len; _key++) {\n args[_key] = arguments[_key];\n }\n\n return _ret =
(_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = DropDownMenu.__proto__ || (0,
_getPrototypeOf2.default)(DropDownMenu)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n
open:
false\n }, _this.rootNode = undefined, _this.arrowNode = undefined, _this.handleClickControl = function (event)
{\n event.preventDefault();\n\n if (!this.props.disabled) {\n _this.setState({\n open:
!this.state.open,\n anchorEl: this.rootNode\n });\n }\n }, _this.handleRequestCloseMenu = function
() {\n _this.close(false);\n }, _this.handleEscKeyDownMenu = function () {\n _this.close(true);\n },

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_this.handleKeyDown = function (event) {\n  switch ((0, _keycode2.default)(event)) {\n    case 'up':\n    case
'down':\n    case 'space':\n    case 'enter':\n      event.preventDefault();\n      _this.setState({\n        open:
true,\n        anchorEl: _this.rootNode\n      });\n      break;\n    } }, _this.handleClick = function
(event, child, index) {\n  if (_this.props.multiple) {\n    if (!_this.state.open) {\n      _this.setState({\n
open: true\n    });\n    } else {\n      event.persist();\n      _this.setState({\n        open: false\n      },
function () {\n        if (_this.props.onChange) {\n          _this.props.onChange(event, index, child.props.value);\n
        }\n        _this.close(_events2.default.isKeyboard(event));\n      });\n    } }, _this.handleChange = function
(event, value) {\n  if (_this.props.multiple && _this.props.onChange) {\n    _this.props.onChange(event,
undefined, value);\n  } }, _this.close = function (isKeyboard) {\n  _this.setState({\n    open: false\n  },
function () {\n    if (_this.props.onClose) {\n      _this.props.onClose();\n    }\n    if (isKeyboard) {\n
var dropArrow = _this.arrowNode;\n    var dropNode = _reactDom2.default.findDOMNode(dropArrow);\n    dropNode.focus();\n    dropArrow.setKeyboardFocus(true);\n  } }\n  }, _temp), (0,
_possibleConstructorReturn3.default)(_this, _ret);\n} // The nested styles for drop-down-menu are modified by
toolbar and possibly\n // other user components, so it will give full access to its js styles rather\n // than just the
parent.\n\n(0, _createClass3.default)(DropDownMenu, [{\n  key: 'componentDidMount',\n  value: function
componentDidMount() {\n    var _this2 = this;\n    if (this.props.autoWidth) {\n      this.setWidth();\n    }\n    if (this.props.openImmediately) {\n      // TODO: Temporary fix to make openImmediately work with
popover.\n      /* eslint-disable react/no-did-mount-set-state */\n      setTimeout(function () {\n        return
_this2.setState({\n          open: true,\n          anchorEl: _this2.rootNode\n        });\n      }, 0);\n      /* eslint-
enable react/no-did-mount-set-state */\n    } }\n  }, {\n    key: 'componentWillReceiveProps',\n    value:
function componentWillReceiveProps() {\n    if (this.props.autoWidth) {\n      this.setWidth();\n    } }\n  },
{\n    key: 'getInputNode',\n    /**\n    * This method is deprecated but still here because the TextField\n    * need
it in order to work. TODO: That will be addressed later.\n    */\n    value: function getInputNode() {\n    var _this3
= this;\n    var rootNode = this.rootNode;\n    rootNode.focus = function () {\n    if (!_this3.props.disabled)
{\n      _this3.setState({\n        open: !_this3.state.open,\n        anchorEl: _this3.rootNode\n      });\n    }\n    return rootNode;\n  } }\n  }, {\n    key: 'setWidth',\n    value: function setWidth() {\n    var el =
this.rootNode;\n    if (!this.props.style || !this.props.style.hasOwnProperty('width')) {\n      el.style.width =
'auto';\n    } }\n  }, {\n    key: 'render',\n    value: function render() {\n    var _this4 = this;\n    var _props =
this.props,\n      animated = _props.animated,\n      animation = _props.animation,\n      autoWidth =
_props.autoWidth,\n      multiple = _props.multiple,\n      children = _props.children,\n      className =
_props.className,\n      disabled = _props.disabled,\n      iconStyle = _props.iconStyle,\n      labelStyle =
_props.labelStyle,\n      listStyle = _props.listStyle,\n      maxHeight = _props.maxHeight,\n      menuStyleProp = _props.menuStyle,\n      selectionRenderer = _props.selectionRenderer,\n      onClose =
_props.onClose,\n      openImmediately = _props.openImmediately,\n      menuItemStyle =
_props.menuItemStyle,\n      selectedMenuItemStyle = _props.selectedMenuItemStyle,\n      style =
_props.style,\n      underlineStyle = _props.underlineStyle,\n      value = _props.value,\n      iconButton =
_props.iconButton,\n      anchorOrigin = _props.anchorOrigin,\n      targetOrigin = _props.targetOrigin,\n      other = (0, _objectWithoutProperties3.default)(_props, ['animated', 'animation', 'autoWidth', 'multiple', 'children',
'className', 'disabled', 'iconStyle', 'labelStyle', 'listStyle', 'maxHeight', 'menuStyle', 'selectionRenderer', 'onClose',
'openImmediately', 'menuItemStyle', 'selectedMenuItemStyle', 'style', 'underlineStyle', 'value', 'iconButton',
'anchorOrigin', 'targetOrigin']);\n    var _state = this.state,\n      anchorEl = _state.anchorEl,\n      open =
_state.open;\n    var prepareStyles = this.context.muiTheme.prepareStyles;\n    var styles = getStyles(this.props,
this.context);\n    var displayValue = ";\n    if (!multiple) {\n      _react2.default.Children.forEach(children,
function (child) {\n        if (child && value === child.props.value) {\n          if (selectionRenderer) {\n
displayValue = selectionRenderer(value, child);\n        } else {\n          // This will need to be improved (in case
primaryText is a node)\n          displayValue = child.props.label || child.props.primaryText;\n        } }\n      });\n    } else {\n      var values = [];\n      var selectionRendererChildren = [];\n      _react2.default.Children.forEach(children, function (child) {\n        if (child && value &&

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value.indexOf(child.props.value) > -1) {\n      if (selectionRenderer) {\n
values.push(child.props.value);\n      selectionRendererChildren.push(child);\n      } else {\n
values.push(child.props.label || child.props.primaryText);\n      }\n      });\n      displayValue =
[];\n      if (selectionRenderer) {\n      displayValue = selectionRenderer(values, selectionRendererChildren);\n
      } else {\n      displayValue = values.join(', ');\n      }\n      }\n      var menuStyle = void 0;\n      if (anchorEl
&& !autoWidth) {\n      menuStyle = (0, _simpleAssign2.default)({\n      width: anchorEl.clientWidth\n      },
menuStyleProp);\n      } else {\n      menuStyle = menuStyleProp;\n      }\n      return
_react2.default.createElement('div', (0, _extends3.default)({}, other, {\n      ref: function ref(node) {\n
_this4.rootNode = node;\n      },\n      className: className,\n      style: prepareStyles((0,
_simpleAssign2.default)({}, styles.root, open && styles.rootWhenOpen, style))\n      )),
_react2.default.createElement(_ClearFix2.default, {\n      style: styles.control,\n      onClick:
this.handleClickControl\n      }, _react2.default.createElement('div', {\n      style: prepareStyles((0,
_simpleAssign2.default)({}, styles.label, open && styles.labelWhenOpen, labelStyle))\n      }, displayValue),
_react2.default.createElement(_IconButton2.default, {\n      disabled: disabled,\n      onKeyDown:
this.handleKeyDown,\n      ref: function ref(node) {\n      _this4.arrowNode = node;\n      },\n      style: (0,
_simpleAssign2.default)({}, styles.icon, iconStyle),\n      iconStyle: styles.iconChildren\n      }, iconButton),
_react2.default.createElement('div', {\n      style: prepareStyles((0, _simpleAssign2.default)({}, styles.underline,
underlineStyle))\n      )), _react2.default.createElement(_Popover2.default, {\n      anchorOrigin: anchorOrigin,\n
targetOrigin: targetOrigin,\n      anchorEl: anchorEl,\n      animation: animation ||
_PopoverAnimationVertical2.default,\n      open: open,\n      animated: animated,\n      onRequestClose:
this.handleRequestCloseMenu\n      }, _react2.default.createElement(_Menu2.default, {\n      multiple: multiple,\n
maxHeight: maxHeight,\n      desktop: true,\n      value: value,\n      onEscKeyDown:
this.handleEscKeyDownMenu,\n      style: menuStyle,\n      listStyle: listStyle,\n      onItemClick:
this.handleClick,\n      onChange: this.handleChange,\n      menuItemStyle: menuItemStyle,\n
selectedMenuItemStyle: selectedMenuItemStyle,\n      autoWidth: autoWidth,\n      width: !autoWidth &&
menuStyle ? menuStyle.width : null\n      }, children));\n      }\n      });\n      return
DropDownMenu;\n    }(_react.Component);\n\n    DropDownMenu.muiName =
'DropDownMenu';\n    DropDownMenu.defaultProps = {\n      animated: true,\n      autoWidth: true,\n      disabled: false,\n
iconButton: _react2.default.createElement(_arrowDropDown2.default, null),\n      openImmediately: false,\n
maxHeight: 500,\n      multiple: false,\n      anchorOrigin: {\n      vertical: 'top',\n      horizontal: 'left'\n
      }\n    };\n    DropDownMenu.contextTypes = {\n      muiTheme:
_propTypes2.default.object.isRequired\n    };\n    DropDownMenu.propTypes = process.env.NODE_ENV !==
'production' ? {\n      /**\n      * This is the point on the anchor that the popover's\n      * `targetOrigin` will attach to.\n
      * Options:\n      * vertical: [top, center, bottom]\n      * horizontal: [left, middle, right].\n      */\n      anchorOrigin:
_propTypes4.default.origin,\n      /**\n      * If true, the popover will apply transitions when\n      * it gets added to the
      DOM.\n      */\n      animated: _propTypes2.default.bool,\n      /**\n      * Override the default animation component used.\n
      */\n      animation: _propTypes2.default.func,\n      /**\n      * The width will automatically be set according to the items
      inside the menu.\n      * To control this width in css instead, set this prop to `false`.\n      */\n      autoWidth:
_propTypes2.default.bool,\n      /**\n      * The `MenuItem`s to populate the `Menu` with. If the `MenuItems` have
      the\n      * prop `label` that value will be used to render the representation of that\n      * item within the field.\n      */\n      children: _propTypes2.default.node,\n      /**\n      * The css class name of the root element.\n      */\n      className:
_propTypes2.default.string,\n      /**\n      * Disables the menu.\n      */\n      disabled: _propTypes2.default.bool,\n      /**\n
      * Overrides default `SvgIcon` dropdown arrow component.\n      */\n      iconButton: _propTypes2.default.node,\n      /**\n
      * Overrides the styles of icon element.\n      */\n      iconStyle: _propTypes2.default.object,\n      /**\n
      * Overrides the styles of label when the `DropDownMenu` is inactive.\n      */\n      labelStyle:
_propTypes2.default.object,\n      /**\n      * The style object to use to override underlying list style.\n      */\n      listStyle:
_propTypes2.default.object,\n      /**\n      * The maximum height of the `Menu` when it is displayed.\n      */\n      maxHeight:
_propTypes2.default.number,\n      /**\n      * Override the inline-styles of menu items.\n      */\n
    },

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menuItemStyle: _propTypes2.default.object, \n\n /**\n * Overrides the styles of `Menu` when the `DropDownMenu` is displayed.\n */\n\n menuStyle: _propTypes2.default.object, \n\n /**\n * If true, `value` must be an array and the menu will support\n * multiple selections.\n */\n\n multiple: _propTypes2.default.bool, \n\n /**\n * Callback function fired when a menu item is clicked, other than the one currently selected.\n */\n\n * @param {object} event Click event targeting the menu item that was clicked.\n * @param {number} key The index of the clicked menu item in the `children` collection.\n * @param {any} value If `multiple` is true, the menu's `value`\n * array with either the menu item's `value` added (if\n * it wasn't already selected) or omitted (if it was already selected).\n * Otherwise, the `value` of the menu item.\n */\n\n onChange:\n\n _propTypes2.default.func, \n\n /**\n * Callback function fired when the menu is closed.\n */\n\n onClose:\n\n _propTypes2.default.func, \n\n /**\n * Set to true to have the `DropDownMenu` automatically open on mount.\n */\n\n openImmediately: _propTypes2.default.bool, \n\n /**\n * Override the inline-styles of selected menu items.\n */\n\n selectedItemStyle: _propTypes2.default.object, \n\n /**\n * Callback function fired when a menu item is clicked, other than the one currently selected.\n */\n\n * @param {any} value If `multiple` is true, the menu's `value`\n * array with either the menu item's `value` added (if\n * it wasn't already selected) or omitted (if it was already selected).\n * Otherwise, the `value` of the menu item.\n * @param {any} menuItem The selected `MenuItem`.\n * If `multiple` is true, this will be an array with the `MenuItem`s matching the `value`s parameter.\n */\n\n selectionRenderer: _propTypes2.default.func, \n\n /**\n * Override the inline-styles of the root element.\n */\n\n style: _propTypes2.default.object, \n\n /**\n * This is the point on the popover which will attach to\n * the anchor's origin.\n * Options:\n * vertical: [top, center, bottom]\n * horizontal: [left, middle, right].\n */\n\n targetOrigin: _propTypes4.default.origin, \n\n /**\n * Overrides the inline-styles of the underline.\n */\n\n underlineStyle: _propTypes2.default.object, \n\n /**\n * If `multiple` is true, an array of the `value`s of the selected\n * menu items. Otherwise, the `value` of the selected menu item.\n * If provided, the menu will be a controlled component.\n */\n\n value: _propTypes2.default.any\n} : {};\n\nexports.default = DropDownMenu;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _react = require('react');\nvar _react2 = _interopRequireDefault(_react);\nvar _pure = require('recompose/pure');\nvar _pure2 = _interopRequireDefault(_pure);\nvar _SvgIcon = require('../SvgIcon');\nvar _SvgIcon2 = _interopRequireDefault(_SvgIcon);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nvar NavigationArrowDropDown = function NavigationArrowDropDown(props) {\n return _react2.default.createElement(_SvgIcon2.default, props, _react2.default.createElement('path', {\n d: 'M7 10l5 5 5-5z\n }));\n};\n\nNavigationArrowDropDown = (_pure2.default)(NavigationArrowDropDown);\n\nNavigationArrowDropDown.displayName = 'NavigationArrowDropDown';\n\nNavigationArrowDropDown.muiName = 'SvgIcon';\n\nexports.default = NavigationArrowDropDown;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\nvar _extends3 = _interopRequireDefault(_extends2);\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\nvar _react = require('react');\nvar _react2 = _interopRequireDefault(_react);\nvar _propTypes = require('prop-types');\nvar _propTypes2 = _interopRequireDefault(_propTypes);\nvar _BeforeAfterWrapper = require('./BeforeAfterWrapper');\nvar _BeforeAfterWrapper2 = _interopRequireDefault(_BeforeAfterWrapper);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nvar styles = {\n before: {\n content: '\\',\n display: 'table'\n },\n after: {\n content: '\\',\n clear: 'both',\n display: 'table'\n };\n};\n\nvar ClearFix = function ClearFix(_ref) {\n var style = _ref.style,\n children = _ref.children,\n other = (0, _objectWithoutProperties3.default)(_ref, ['style', 'children']);\n\n return _react2.default.createElement(_BeforeAfterWrapper2.default, (0, _extends3.default)({\n }, other, {\n beforeStyle: styles.before,\n afterStyle: styles.after,\n style: style\n }), children);\n};\n\nClearFix.muiName = 'ClearFix';\n\nClearFix.propTypes = process.env.NODE_ENV !== "production" ? {\n children:\n\n _propTypes2.default.node, \n\n /**\n * Override the inline-styles of the root element.\n */\n\n style:

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_propTypes2.default.object\n} : {};\nexports.default = ClearFix;","use strict';\n\nObject.defineProperty(exports,\n  \"__esModule\", {\n    value: true\n});\n\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\nvar _createClass2 = require('babel-runtime/helpers/createClass');\nvar _createClass3 = _interopRequireDefault(_createClass2);\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\nvar _inherits2 = require('babel-runtime/helpers/inherits');\nvar _inherits3 = _interopRequireDefault(_inherits2);\nvar _simpleAssign = require('simple-assign');\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\nvar _react = require('react');\nvar _react2 = _interopRequireDefault(_react);\nvar _propTypes = require('prop-types');\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\n* BeforeAfterWrapper\n* An alternative for the ::before and ::after css pseudo-elements for\n* components whose styles are defined in javascript instead of css.\n*\n* Usage: For the element that we want to apply before and after elements to,\n* wrap its children with BeforeAfterWrapper. For example:\n*\n*         <Paper>\n*           <div> // See notice\n*             <BeforeAfterWrapper> renders <div/> // before element\n*               [children of paper] -----> [children of paper]\n*             </BeforeAfterWrapper>         <div/> // after element\n*         </Paper>                          </div>\n*\n*         <div>\n*           <BeforeAfterWrapper> renders <div/> // before element\n*             [children of paper] -----> [children of p]\n*           </BeforeAfterWrapper>         <div/> // after element\n*\n*         </div>\n*\n*         <div>\n*           <p>\n*             <BeforeAfterWrapper> do this instead <BeforeAfterWrapper\n*               elementType='p'\n*             [children of p] -----> [children of p]\n*           </BeforeAfterWrapper>\n*         </p>\n*\n*         </div>\n*\n* BeforeAfterWrapper features spread functionality. This means that we can\n* pass HTML tag properties directly into the BeforeAfterWrapper tag.\n*\n* When using BeforeAfterWrapper, ensure that the parent of the beforeElement\n* and afterElement have a defined style position.\n*\n\nstyles = {\n  box: {\n    boxSizing: 'border-box'\n  }\n};\n\nBeforeAfterWrapper = function (_Component) {\n  (0, _inherits3.default)(BeforeAfterWrapper, _Component);\n\n  function BeforeAfterWrapper() {\n    (0, _classCallCheck3.default)(this, BeforeAfterWrapper);\n\n    return (0, _possibleConstructorReturn3.default)(this, (BeforeAfterWrapper.__proto__ || (0, _getPrototypeOf2.default)(BeforeAfterWrapper)).apply(this, arguments));\n  }\n\n  (0, _createClass3.default)(BeforeAfterWrapper, [{\n    key: 'render',\n    value: function render() {\n      var _props = this.props,\n          beforeStyle = _props.beforeStyle,\n          afterStyle = _props.afterStyle,\n          beforeElementType = _props.beforeElementType,\n          afterElementType = _props.afterElementType,\n          elementType = _props.elementType,\n          other = (0, _objectWithoutProperties3.default)(_props, ['beforeStyle', 'afterStyle', 'beforeElementType', 'afterElementType', 'elementType']);\n\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var beforeElement = void 0;\n      var afterElement = void 0;\n\n      if (beforeStyle) {\n        beforeElement = _react2.default.createElement(this.props.beforeElementType, {\n          style: prepareStyles((0, _simpleAssign2.default)({}, styles.box, beforeStyle)),\n          key: '::before'\n        });\n      }\n\n      if (afterStyle) {\n        afterElement = _react2.default.createElement(this.props.afterElementType, {\n          style: prepareStyles((0, _simpleAssign2.default)({}, styles.box, afterStyle)),\n          key: '::after'\n        });\n      }\n\n      var children = [beforeElement, this.props.children, afterElement];\n      var props = other;\n      props.style = prepareStyles((0, _simpleAssign2.default)({}, this.props.style));\n\n      return _react2.default.createElement(this.props.elementType, props, children);\n    }\n  }]);\n\n  return BeforeAfterWrapper;\n})(_react.Component);\n\nBeforeAfterWrapper.defaultProps = {\n  beforeElementType: 'div',\n  afterElementType: 'div',\n  elementType: 'div'\n};\n\nBeforeAfterWrapper.contextTypes = {\n  muiTheme:
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_propTypes2.default.object.isRequired\n};\nBeforeAfterWrapper.propTypes = process.env.NODE_ENV !==
\"production\" ? {\n  afterElementType: _propTypes2.default.string,\n  afterStyle: _propTypes2.default.object,\n  beforeElementType: _propTypes2.default.string,\n  beforeStyle: _propTypes2.default.object,\n  children:
_propTypes2.default.node,\n  elementType: _propTypes2.default.string,\n  /**\n   * Override the inline-styles of
the root element.\n   */\n  style: _propTypes2.default.object\n} : {};\nexports.default = BeforeAfterWrapper;\",\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _extends2 = require(\"babel-
runtime/helpers/extends\");\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require(\"babel-runtime/helpers/objectWithoutProperties\");\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =
require(\"babel-runtime/core-js/object/get-prototype-of\");\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require(\"babel-
runtime/helpers/classCallCheck\");\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require(\"babel-runtime/helpers/createClass\");\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require(\"babel-
runtime/helpers/possibleConstructorReturn\");\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require(\"babel-
runtime/helpers/inherits\");\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require(\"simple-assign\");\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require(\"react\");\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require(\"prop-types\");\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _transitions = require(\"../styles/transitions\");\n\nvar
_transitions2 = _interopRequireDefault(_transitions);\n\nvar _colorManipulator =
require(\"../utils/colorManipulator\");\n\nvar _EnhancedButton = require(\"../internal/EnhancedButton\");\n\nvar
_EnhancedButton2 = _interopRequireDefault(_EnhancedButton);\n\nvar _FontIcon = require(\"../FontIcon\");\n\nvar
_FontIcon2 = _interopRequireDefault(_FontIcon);\n\nvar _Paper = require(\"../Paper\");\n\nvar _Paper2 =
_interopRequireDefault(_Paper);\n\nvar _childUtils = require(\"../utils/childUtils\");\n\nvar _warning =
require(\"warning\");\n\nvar _warning2 = _interopRequireDefault(_warning);\n\nvar _propTypes3 =
require(\"../utils/propTypes\");\n\nvar _propTypes4 = _interopRequireDefault(_propTypes3);\n\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction
getStyles(props, context) {\n  var floatingActionButton = context.muiTheme.floatingActionButton;\n  var
backgroundColor = props.backgroundColor || floatingActionButton.color;\n  var iconColor =
floatingActionButton.iconColor;\n\n  if (props.disabled) {\n    backgroundColor = props.disabledColor ||
floatingActionButton.disabledColor;\n    iconColor = floatingActionButton.disabledTextColor;\n  } else if
(props.secondary) {\n    backgroundColor = floatingActionButton.secondaryColor;\n    iconColor =
floatingActionButton.secondaryIconColor;\n  }\n\n  return {\n    root: {\n      transition:
_transitions2.default.easeOut(),\n      display: 'inline-block',\n      backgroundColor: 'transparent'\n    },\n    container:
{\n      backgroundColor: backgroundColor,\n      transition: _transitions2.default.easeOut(),\n      height:
floatingActionButton.buttonSize,\n      width: floatingActionButton.buttonSize,\n      padding: 0,\n      overflow:
'hidden',\n      borderRadius: '50%',\n      textAlign: 'center',\n      verticalAlign: 'bottom'\n    },\n    containerWhenMini: {\n      height: floatingActionButton.miniSize,\n      width: floatingActionButton.miniSize\n
    },\n    overlay: {\n      transition: _transitions2.default.easeOut(),\n      top: 0\n    },\n    overlayWhenHovered: {\n      backgroundColor: (0, _colorManipulator.fade)(iconColor, 0.4)\n    },\n    icon: {\n      height:
floatingActionButton.buttonSize,\n      lineHeight: floatingActionButton.buttonSize + 'px',\n      fill: iconColor,\n      color: iconColor\n    },\n    iconWhenMini: {\n      height: floatingActionButton.miniSize,\n      lineHeight:
floatingActionButton.miniSize + 'px'\n    }\n  };\n}\n\nvar FloatingActionButton = function (_Component) {\n  (0,
_inherits3.default)(FloatingActionButton, _Component);\n\n  function FloatingActionButton() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, FloatingActionButton);\n\n    for (var _len =
arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref =

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FloatingActionButton.__proto__ || (0, _getPrototypeOf2.default)(FloatingActionButton)).call.apply(_ref,
[this].concat(args)), _this), _this.state = {\n  hovered: false,\n  touch: false,\n  zIndex: undefined\n },
_this.handleMouseDown = function (event) {\n  // only listen to left clicks\n  if (event.button === 0) {\n
_this.setState({\n    zIndex: _this.props.zIndex + 1\n  });\n  }\n  if (_this.props.onMouseDown)
_this.props.onMouseDown(event);\n  }, _this.handleMouseUp = function (event) {\n  _this.setState({\n
zIndex: _this.props.zIndex\n  });\n  if (_this.props.onMouseUp) {\n    _this.props.onMouseUp(event);\n
}\n  }, _this.handleMouseLeave = function (event) {\n  if (!_this.refs.container.isKeyboardFocused()) {\n
_this.setState({\n    zIndex: _this.props.zIndex,\n    hovered: false\n  });\n  }\n  if
(_this.props.onMouseLeave) {\n    _this.props.onMouseLeave(event);\n  }\n  }, _this.handleMouseEnter =
function (event) {\n  if (!_this.refs.container.isKeyboardFocused() && !_this.state.touch) {\n
_this.setState({\n    hovered: true\n  });\n  }\n  if (_this.props.onMouseEnter) {\n
_this.props.onMouseEnter(event);\n  }\n  }, _this.handleTouchStart = function (event) {\n  _this.setState({\n
touch: true,\n    zIndex: _this.props.zIndex + 1\n  });\n  if (_this.props.onTouchStart) {\n
_this.props.onTouchStart(event);\n  }\n  }, _this.handleTouchEnd = function (event) {\n  _this.setState({\n
touch: true,\n    zIndex: _this.props.zIndex\n  });\n  if (_this.props.onTouchEnd) {\n
_this.props.onTouchEnd(event);\n  }\n  }, _this.handleKeyboardFocus = function (event, keyboardFocused) {\n
if (keyboardFocused && !_this.props.disabled) {\n    _this.setState({\n      zIndex: _this.props.zIndex + 1\n
});\n    _this.refs.overlay.style.backgroundColor = (0, _colorManipulator.fade)(getStyles(_this.props,
_this.context).icon.color, 0.4);\n  } else if (!_this.state.hovered) {\n    _this.setState({\n      zIndex:
_this.props.zIndex\n    });\n    _this.refs.overlay.style.backgroundColor = 'transparent';\n  }\n  }, _temp),
(0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n  (0, _createClass3.default)(FloatingActionButton, [{\n
key: 'componentWillMount',\n    value: function componentWillMount() {\n    this.setState({\n      zIndex:
this.props.disabled ? 0 : this.props.zIndex\n    });\n  }\n  }, {\n    key: 'componentDidMount',\n    value: function
componentDidMount() {\n    process.env.NODE_ENV !== "production" ? (0,
_warning2.default)(!this.props.iconClassName || !this.props.children, 'Material-UI: You have set both an
iconClassName and a child icon. ' + 'It is recommended you use only one method when adding ' + 'icons to
FloatingActionButtons.'): void 0;\n  }\n  }, {\n    key: 'componentWillReceiveProps',\n    value: function
componentWillReceiveProps(nextProps) {\n    var nextState = {};\n    if (nextProps.disabled !==
this.props.disabled) {\n      nextState.zIndex = nextProps.disabled ? 0 : this.props.zIndex;\n    }\n    if
(nextProps.disabled) {\n      nextState.hovered = false;\n    }\n    this.setState(nextState);\n  }\n  }, {\n    key:
'render',\n    value: function render() {\n    var _props = this.props,\n        backgroundColor =
_props.backgroundColor,\n        className = _props.className,\n        childrenProp = _props.children,\n
disabled = _props.disabled,\n        disabledColor = _props.disabledColor,\n        mini = _props.mini,\n
secondary = _props.secondary,\n        iconStyle = _props.iconStyle,\n        iconClassName =
_props.iconClassName,\n        zIndex = _props.zIndex,\n        other = (0,
_objectWithoutProperties3.default)(_props, ['backgroundColor', 'className', 'children', 'disabled', 'disabledColor',
'mini', 'secondary', 'iconStyle', 'iconClassName', 'zIndex']);\n    var prepareStyles =
this.context.muiTheme.prepareStyles;\n    var styles = getStyles(this.props, this.context);\n    var iconElement =
void 0;\n    if (iconClassName) {\n      iconElement = _react2.default.createElement(_FontIcon2.default, {\n
className: iconClassName,\n        style: (0, _simpleAssign2.default)({}, styles.icon, mini &&
styles.iconWhenMini, iconStyle)\n      });\n    }\n    var children = void 0;\n    if (childrenProp) {\n
children = (0, _childUtils.extendChildren)(childrenProp, function (child) {\n      return {\n        style: (0,
_simpleAssign2.default)({}, styles.icon, mini && styles.iconWhenMini, iconStyle, child.props.style)\n      };\n
});\n    }\n    var buttonEventHandlers = disabled ? null : {\n      onMouseDown: this.handleMouseDown,\n
onMouseUp: this.handleMouseUp,\n      onMouseLeave: this.handleMouseLeave,\n      onMouseEnter:
this.handleMouseEnter,\n      onTouchStart: this.handleTouchStart,\n      onTouchEnd: this.handleTouchEnd,\n
onKeyboardFocus: this.handleKeyboardFocus\n    };\n    return _react2.default.createElement(_Paper2.default,
{\n      className: className,\n      style: (0, _simpleAssign2.default)(styles.root, this.props.style),\n      zIndex:

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this.state.zDepth,\n      circle: true\n    }, _react2.default.createElement(_EnhancedButton2.default, (0,
_extends3.default)({}, other, buttonEventHandlers, {\n      ref: 'container',\n      disabled: disabled,\n      style: (0,
_simpleAssign2.default)(styles.container, this.props.mini && styles.containerWhenMini, iconStyle),\n      focusRippleColor: styles.icon.color,\n      touchRippleColor: styles.icon.color\n    })),
_react2.default.createElement('div', {\n      ref: 'overlay',\n      style: prepareStyles((0,
_simpleAssign2.default)(styles.overlay, this.state.hovered && !this.props.disabled &&
styles.overlayWhenHovered))\n    }, iconElement, children));\n  }\n});\n\nreturn
FloatingActionButton;\n})(_react.Component);\n\nFloatingActionButton.defaultProps = {\n  disabled: false,\n  mini:
false,\n  secondary: false,\n  zDepth: 2\n};\n\nFloatingActionButton.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nFloatingActionButton.propTypes = process.env.NODE_ENV !==
'production' ? {\n  /**\n   * This value will override the default background color for the button.\n   * However it
will not override the default disabled background color.\n   * This has to be set separately using the disabledColor
attribute.\n   */\n  backgroundColor: _propTypes2.default.string,\n\n  /**\n   * This is what displayed inside the
floating action button; for example, a SVG Icon.\n   */\n  children: _propTypes2.default.node,\n\n  /**\n   * The css
class name of the root element.\n   */\n  className: _propTypes2.default.string,\n\n  /**\n   * Disables the button if
set to true.\n   */\n  disabled: _propTypes2.default.bool,\n\n  /**\n   * This value will override the default
background color for the button when it is disabled.\n   */\n  disabledColor: _propTypes2.default.string,\n\n  /**\n
   * The URL to link to when the button is clicked.\n   */\n  href: _propTypes2.default.string,\n\n  /**\n   * The icon
within the FloatingActionButton is a FontIcon component.\n   * This property is the classname of the icon to be
displayed inside the button.\n   * An alternative to adding an iconClassName would be to manually insert a\n   *
FontIcon component or custom SvgIcon component or as a child of FloatingActionButton.\n   */\n  iconClassName:
_propTypes2.default.string,\n\n  /**\n   * This is the equivalent to iconClassName except that it is used for\n   *
overriding the inline-styles of the FontIcon component.\n   */\n  iconStyle: _propTypes2.default.object,\n\n  /**\n
   * If true, the button will be a small floating action button.\n   */\n  mini: _propTypes2.default.bool,\n\n  /**\n
   * Callback function fired when the button is clicked.\n   */\n  onClick: _propTypes2.default.func,\n\n  /**\n
   * @param {object} event Click event targeting the
button.\n   */\n  onClick: _propTypes2.default.func,\n\n  /**\n   * @ignore\n   */\n  onMouseDown:
_propTypes2.default.func,\n\n  /**\n   * @ignore\n   */\n  onMouseEnter: _propTypes2.default.func,\n\n  /**\n
   * @ignore\n   */\n  onMouseLeave: _propTypes2.default.func,\n\n  /**\n   * @ignore\n   */\n  onMouseUp:
_propTypes2.default.func,\n\n  /**\n   * @ignore\n   */\n  onTouchEnd: _propTypes2.default.func,\n\n  /**\n
   * @ignore\n   */\n  onTouchStart:
_propTypes2.default.func,\n\n  /**\n   * If true, the button will use the secondary button colors.\n   */\n  secondary:
_propTypes2.default.bool,\n\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style:
_propTypes2.default.object,\n\n  /**\n   * The zDepth of the underlying `Paper` component.\n   */\n  zDepth:
_propTypes4.default.zDepth\n} : {};\n\nexports.default = FloatingActionButton;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
_objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&

```



```

obj.__esModule ? obj : {\n  default: obj\n };}\n\nfunction getStyles(props) {\n  return {\n    root: {\n      display:
'flex',\n      flexWrap: 'wrap',\n      margin: -props.padding / 2\n    },\n    item: {\n      boxSizing: 'border-box',\n      padding: props.padding / 2\n    }\n  };\n}\n\nvar GridList = function (_Component) {\n  (0,
_inherits3.default)(GridList, _Component);\n\n  function GridList() {\n    (0, _classCallCheck3.default)(this,
GridList);\n    return (0, _possibleConstructorReturn3.default)(this, (GridList.__proto__ || (0,
_getPrototypeOf2.default)(GridList)).apply(this, arguments));\n  }\n\n  (0, _createClass3.default)(GridList, [{\n    key: 'render',\n    value: function render() {\n      var _props = this.props,\n          cols = _props.cols,\n          padding
= _props.padding,\n          cellHeight = _props.cellHeight,\n          children = _props.children,\n          style =
_props.style,\n          other = (0, _objectWithoutProperties3.default)(_props, ['cols', 'padding', 'cellHeight', 'children',
'style']);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles = getStyles(this.props,
this.context);\n      var mergedRootStyles = (0, _simpleAssign2.default)(styles.root, style);\n      var
wrappedChildren = _react2.default.Children.map(children, function (currentChild) {\n        if
(_react2.default.isValidElement(currentChild) && currentChild.type.muiName === 'Subheader') {\n          return
currentChild;\n        }\n        var childCols = currentChild.props.cols || 1;\n        var childRows =
currentChild.props.rows || 1;\n        var itemStyle = (0, _simpleAssign2.default)({}, styles.item, {\n          width: 100
/ cols * childCols + '%',\n          height: cellHeight === 'auto' ? 'auto' : cellHeight * childRows + padding\n        });\n        return _react2.default.createElement('div', {\n          style: prepareStyles(itemStyle)\n        }, currentChild);\n      });\n      return _react2.default.createElement('div', (0, _extends3.default)({\n        style:
prepareStyles(mergedRootStyles)\n      }, other), wrappedChildren);\n    }\n  }]);\n  return
GridList;\n})(_react.Component);\n\nGridList.defaultProps = {\n  cols: 2,\n  padding: 4,\n  cellHeight:
180\n};\n\nGridList.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nGridList.propTypes
= process.env.NODE_ENV !== \"production\" ? {\n  /**\n   * Number of px for one cell height.\n   * You can set
`auto` if you want to let the children determine the height.\n   */\n  cellHeight:
_propTypes2.default.oneOfType([\n    _propTypes2.default.number,\n    _propTypes2.default.oneOf(['auto'])\n  ]),\n  /**\n   *
Grid Tiles that will be in Grid List.\n   */\n  children: _propTypes2.default.node,\n  /**\n   * Number of columns.\n   */\n  cols: _propTypes2.default.number,\n  /**\n   * Number of px for the padding/spacing between items.\n   */\n  padding: _propTypes2.default.number,\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style:
_propTypes2.default.object\n} : {};\n\nexports.default = GridList;","use strict";\n\nObject.defineProperty(exports,
\"__esModule\", {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3
= _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactDom = require('react-
dom');\n\nvar _reactDom2 = _interopRequireDefault(_reactDom);\n\nvar _events = require('./utils/events');\n\nvar
_events2 = _interopRequireDefault(_events);\n\nvar _propTypes3 = require('./utils/propTypes');\n\nvar
_propTypes4 = _interopRequireDefault(_propTypes3);\n\nvar _Menu = require('./Menu/Menu');\n\nvar _Menu2 =
_interopRequireDefault(_Menu);\n\nvar _Popover = require('./Popover/Popover');\n\nvar _Popover2 =
_interopRequireDefault(_Popover);\n\nvar _warning = require('warning');\n\nvar _warning2 =
_interopRequireDefault(_warning);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?

```

```

obj : {\n  default: obj\n };\n\n\nvar IconMenu = function (_Component) {\n  (0, _inherits3.default)(IconMenu,
  _Component);\n\n  function IconMenu() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0,
    _classCallCheck3.default)(this, IconMenu);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0;
    _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0,
    _possibleConstructorReturn3.default)(this, (_ref = IconMenu.__proto__ || (0,
    _getPrototypeOf2.default)(IconMenu)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n
    menuInitiallyKeyboardFocused: false,\n    open: false\n  }, _this.handleClick = function (event, child) {\n
    if (_this.props.clickCloseDelay !== 0 && !child.props.hasOwnProperty('menuItems')) {\n      var isKeyboard =
    _events2.default.isKeyboard(event);\n\n      _this.timerCloseId = setTimeout(function () {\n
    _this.close(isKeyboard ? 'enter' : 'itemTap', isKeyboard);\n    }, _this.props.clickCloseDelay);\n    }\n\n
    _this.props.onItemClick(event, child);\n    }, _this.handleRequestClose = function (reason) {\n
    _this.close(reason);\n    }, _this.handleEscKeyDownMenu = function (event) {\n      _this.close('escape', event);\n
    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(IconMenu, [{\n
  key: 'componentWillReceiveProps',\n  value: function componentWillReceiveProps(nextProps) {\n    if
  (nextProps.open !== null) {\n      this.setState({\n        open: nextProps.open,\n        anchorEl:
  this.refs.iconMenuContainer\n      });\n    }\n  }], {\n  key: 'componentWillUnmount',\n  value: function
  componentWillUnmount() {\n    clearTimeout(this.timerCloseId);\n  }, {\n  key: 'isOpen',\n  value:
  function isOpen() {\n    return this.state.open;\n  }, {\n  key: 'close',\n  value: function close(reason,
  isKeyboard) {\n    var _this2 = this;\n\n    if (!this.state.open) {\n      return;\n    }\n\n    if (this.props.open !==
  null) {\n      this.props.onRequestChange(false, reason);\n    } else {\n      this.setState({\n        open: false\n
      }, function () {\n        // Set focus on the icon button when the menu close\n        if (isKeyboard) {\n          var
  iconButton = _this2.refs.iconButton;\n\n          _reactDom2.default.findDOMNode(iconButton).focus();\n\n
          iconButton.setKeyboardFocus();\n        }\n      });\n    }\n  }, {\n  key: 'open',\n  value: function
  open(reason, event) {\n    if (this.props.open !== null) {\n      this.props.onRequestChange(true, reason);\n
    }\n\n    return this.setState({\n      menuInitiallyKeyboardFocused: _events2.default.isKeyboard(event),\n      anchorEl:
  event.currentTarget\n    });\n  }, {\n  key: 'render',\n  value: function render() {\n    var _this3 = this;\n\n    var _props = this.props,\n      anchorOrigin =
    _props.anchorOrigin,\n      className = _props.className,\n      animated = _props.animated,\n      animation =
    _props.animation,\n      iconButtonElement = _props.iconButtonElement,\n      iconStyle =
    _props.iconStyle,\n      onItemClick = _props.onItemClick,\n      onKeyboardFocus =
    _props.onKeyboardFocus,\n      onMouseDown = _props.onMouseDown,\n      onMouseLeave =
    _props.onMouseLeave,\n      onMouseEnter = _props.onMouseEnter,\n      onMouseUp =
    _props.onMouseUp,\n      onRequestChange = _props.onRequestChange,\n      onClick = _props.onClick,\n      listStyle =
    _props.listStyle,\n      menuStyle = _props.menuStyle,\n      style = _props.style,\n      targetOrigin =
    _props.targetOrigin,\n      clickCloseDelay = _props.clickCloseDelay,\n      useLayerForClickAway =
    _props.useLayerForClickAway,\n      other = (0, _objectWithoutProperties3.default)(_props, ['anchorOrigin',
    'className', 'animated', 'animation', 'iconButtonElement', 'iconStyle', 'onItemClick', 'onKeyboardFocus',
    'onMouseDown', 'onMouseLeave', 'onMouseEnter', 'onMouseUp', 'onRequestChange', 'onClick', 'listStyle',
    'menuStyle', 'style', 'targetOrigin', 'clickCloseDelay', 'useLayerForClickAway']);\n\n    var prepareStyles =
    this.context.muiTheme.prepareStyles;\n\n    var _state = this.state,\n      open = _state.open,\n      anchorEl =
    _state.anchorEl;\n\n    var styles = {\n      root: {\n        display: 'inline-block',\n        position: 'relative'\n      },\n      menu: {\n        position: 'relative'\n      };\n    var mergedRootStyles = (0,
    _simpleAssign2.default)(styles.root, style);\n\n    var mergedMenuStyles = (0, _simpleAssign2.default)(styles.menu,
    menuStyle);\n\n    process.env.NODE_ENV !== "production" ? (0,
    _warning2.default)(iconButtonElement.type.muiName !== 'SvgIcon', 'Material-UI: You should not provide an
    <SvgIcon /> to the \'iconButtonElement\' property of <IconMenu />.\nYou should wrapped it with an <IconButton
    />.' ) : void 0;\n\n    var iconButtonProps = {\n      onKeyboardFocus: onKeyboardFocus,\n      onClick: function
  
```

```

onClick(event) {\n      _this3.open(_events2.default.isKeyboard(event) ? 'keyboard' : 'iconTap', event);\n\n      if\n      (iconButtonElement.props.onClick) {\n        iconButtonElement.props.onClick(event);\n      }\n    },\n    ref: 'iconButton'\n  });\n\n  if (iconStyle || iconButtonElement.props.iconStyle) {\n    iconButtonProps.iconStyle = iconStyle ? (0, _simpleAssign2.default)({}, iconStyle,\n    iconButtonElement.props.iconStyle) : iconButtonElement.props.iconStyle;\n  }\n\n  var iconButton =\n  _react2.default.cloneElement(iconButtonElement, iconButtonProps);\n\n  var menu =\n  _react2.default.createElement(_Menu2.default, (0, _extends3.default)({}, other, {\n    initiallyKeyboardFocused:\n    this.state.menuInitiallyKeyboardFocused,\n    onEscKeyDown: this.handleEscKeyDownMenu,\n    onItemClick: this.handleItemClick,\n    style: mergedMenuStyles,\n    listStyle: listStyle\n  })),\n  this.props.children);\n\n  return _react2.default.createElement('div', {\n    ref: 'iconMenuContainer',\n    className: className,\n    onMouseDown: onMouseDown,\n    onMouseLeave: onMouseLeave,\n    onMouseEnter: onMouseEnter,\n    onMouseUp: onMouseUp,\n    onClick: onClick,\n    style:\n    prepareStyles(mergedRootStyles)\n  }, iconButton, _react2.default.createElement(_Popover2.default, {\n    anchorOrigin: anchorOrigin,\n    targetOrigin: targetOrigin,\n    open: open,\n    anchorEl: anchorEl,\n    childContextTypes: this.constructor.childContextTypes,\n    useLayerForClickAway: useLayerForClickAway,\n    onRequestClose: this.handleRequestClose,\n    animated: animated,\n    animation: animation,\n    context:\n    this.context\n  }, menu));\n  }\n  });\n\n  return IconMenu;\n})(_react.Component);\n\nIconMenu.muiName =\n'IconMenu';\n\nIconMenu.defaultProps = {\n  anchorOrigin: {\n    vertical: 'top',\n    horizontal: 'left'\n  },\n  animated:\ntrue,\n  multiple: false,\n  open: null,\n  onItemClick: function onItemClick() {},\n  onKeyboardFocus: function\nonKeyboardFocus() {},\n  onMouseDown: function onMouseDown() {},\n  onMouseLeave: function\nonMouseLeave() {},\n  onMouseEnter: function onMouseEnter() {},\n  onMouseUp: function onMouseUp() {},\n  onRequestChange: function onRequestChange() {},\n  onClick: function onClick() {},\n  targetOrigin: {\n    vertical: 'top',\n    horizontal: 'left'\n  },\n  clickCloseDelay: 200,\n  useLayerForClickAway:\nfalse\n};\n\nIconMenu.contextTypes = {\n  muiTheme:\n\n  _propTypes2.default.object.isRequired\n};\n\nIconMenu.propTypes = process.env.NODE_ENV !== \"production\" ?\n{\n  /**\n   * This is the point on the icon where the menu\n   * `targetOrigin` will attach.\n   * Options:\n   * vertical: [top, center, bottom]\n   * horizontal: [left, middle, right].\n   */\n  anchorOrigin:\n  _propTypes4.default.origin,\n  /**\n   * If true, the popover will apply transitions when\n   * it gets added to the\n   * DOM.\n   */\n  animated: _propTypes2.default.bool,\n  /**\n   * Override the default animation component used.\n   */\n  animation: _propTypes2.default.func,\n  /**\n   * Should be used to pass `MenuItem` components.\n   */\n  children: _propTypes2.default.node,\n  /**\n   * The CSS class name of the root element.\n   */\n  className:\n  _propTypes2.default.string,\n  /**\n   * Sets the delay in milliseconds before closing the\n   * menu when an item\n   * is clicked.\n   * If set to 0 then the auto close functionality\n   * will be disabled.\n   */\n  clickCloseDelay:\n  _propTypes2.default.number,\n  /**\n   * This is the `IconButton` to render. This button will open the menu.\n   */\n  iconButtonElement: _propTypes2.default.element.isRequired,\n  /**\n   * Override the inline-styles of the\n   * underlying icon element.\n   */\n  iconStyle: _propTypes2.default.object,\n  /**\n   * Override the inline-styles of\n   * the underlying `List` element.\n   */\n  listStyle: _propTypes2.default.object,\n  /**\n   * Override the inline-styles\n   * of the menu element.\n   */\n  menuStyle: _propTypes2.default.object,\n  /**\n   * If true, the value can an be array\n   * and allow the menu to be a multi-select.\n   */\n  multiple: _propTypes2.default.bool,\n  /**\n   * Callback function\n   * fired when the `IconButton` element is clicked.\n   */\n  onClick: _propTypes2.default.func,\n  /**\n   * Callback function fired when a\n   * menu item is selected with a click.\n   */\n  onItemClick: _propTypes2.default.func,\n  /**\n   * Callback function fired when the `IconButton` element is focused or blurred by the keyboard.\n   */\n  onKeyboardFocus: _propTypes2.default.func,\n  /**\n   * @param {object} event Click event targeting the\n   * `IconButton` element.\n   */\n  onClick: _propTypes2.default.func,\n  /**\n   * Callback function fired when a\n   * menu item is selected with a click.\n   */\n  onItemClick: _propTypes2.default.func,\n  /**\n   * @param {object} child The selected element.\n   */\n  onItemClick: _propTypes2.default.func,\n  /**\n   * Callback function fired when the `IconButton` element is focused or blurred by the keyboard.\n   */\n  onKeyboardFocus: _propTypes2.default.func,\n  /**\n   * @param {object} event `focus` or `blur` event targeting the `IconButton` element.\n   */\n  onKeyboardFocus: _propTypes2.default.func,\n  /**\n   * @param {boolean}\n   * keyboardFocused If true, the `IconButton` element is focused.\n   */\n  onKeyboardFocus: _propTypes2.default.func,\n  /**\n   * @ignore\n   */\n  onMouseDown: _propTypes2.default.func,\n  /**\n   * @ignore\n   */\n  onMouseEnter: _propTypes2.default.func,\n  /**\n   * @ignore\n   */\n  onMouseLeave: _propTypes2.default.func,\n  /**\n   * @ignore\n   */\n  onMouseUp: _propTypes2.default.func,\n  /**\n   * @ignore\n   */\n  onRequestChange: _propTypes2.default.func,\n  /**\n   * @ignore\n   */\n  onClick: _propTypes2.default.func,\n  /**\n   * @ignore\n   */\n  targetOrigin: _propTypes2.default.object\n};

```

```

/** @ignore */
onMouseUp: _propTypes2.default.func,
/**
 * Callback function fired when the `open`
state of the menu is requested to be changed.
 * @param {boolean} open If true, the menu was requested to
be opened.
 * @param {string} reason The reason for the open or close request. Possible values are
'keyboard' and 'iconTap' for open requests; 'enter', 'escape', 'itemTap', and 'clickAway'
for close requests.
 */
onRequestChange: _propTypes2.default.func,
/**
 * If true, the `IconMenu` is opened.
 */
open:
 PropTypes2.default.bool,
/**
 * Override the inline-styles of the root element.
 */
style:
 PropTypes2.default.object,
/**
 * This is the point on the menu which will stick to the menu
 * origin.
 * Options:
 * vertical: [top, center, bottom]
 * horizontal: [left, middle, right]
 */
targetOrigin:
 PropTypes4.default.origin,
/**
 * If true, the popover will render on top of an invisible
 * layer, which
will prevent clicks to the underlying elements.
 */
useLayerForClickAway: PropTypes2.default.bool :
 { };
exports.default = IconMenu;
"use strict";
Object.defineProperty(exports, "__esModule", {
value:
true
});
var _extends2 = require('babel-runtime/helpers/extends');
var _extends3 =
 _interopRequireDefault(_extends2);
var _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');
var _objectWithoutProperties3 =
 _interopRequireDefault(_objectWithoutProperties2);
var _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');
var _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);
var _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');
var _classCallCheck3 =
 _interopRequireDefault(_classCallCheck2);
var _createClass2 = require('babel-
runtime/helpers/createClass');
var _createClass3 = _interopRequireDefault(_createClass2);
var _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');
var _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);
var _inherits2 =
 require('babel-runtime/helpers/inherits');
var _inherits3 = _interopRequireDefault(_inherits2);
var _simpleAssign = require('simple-assign');
var _simpleAssign2 = _interopRequireDefault(_simpleAssign);
var _react = require('react');
var _react2 = _interopRequireDefault(_react);
var _propTypes = require('prop-
types');
var _propTypes2 = _interopRequireDefault(_propTypes);
var _transitions =
 require('../styles/transitions');
var _transitions2 = _interopRequireDefault(_transitions);
function
 _interopRequireDefault(obj) {
return obj && obj.__esModule ? obj : {
default: obj
};
}
function
 getRelativeValue(value, min, max) {
var clampedValue = Math.min(Math.max(min, value), max);
var
rangeValue = max - min;
var relValue = Math.round((clampedValue - min) / rangeValue * 10000) / 10000;
return relValue * 100;
}
function
 getStyles(props, context) {
var max = props.max,
min = props.min,
value = props.value;
var _context$muiTheme = context.muiTheme,
palette =
 _context$muiTheme.baseTheme.palette,
borderRadius = _context$muiTheme.borderRadius;
var styles = {
root: {
position: 'relative',
height: 4,
display: 'block',
width: '100%',
backgroundColor:
palette.primary3Color,
borderRadius: borderRadius,
margin: 0,
overflow: 'hidden'
},
bar: {
height: '100%',
barFragment1: {},
barFragment2: {}
};
if (props.mode === 'indeterminate') {
styles.barFragment1 = {
position: 'absolute',
backgroundColor: props.color || palette.primary1Color,
top: 0,
left: 0,
bottom: 0,
transition: _transitions2.default.create('all', '840ms', null, 'cubic-
bezier(0.650, 0.815, 0.735, 0.395)')
};
styles.barFragment2 = {
position: 'absolute',
backgroundColor: props.color || palette.primary1Color,
top: 0,
left: 0,
bottom: 0,
transition:
 _transitions2.default.create('all', '840ms', null, 'cubic-bezier(0.165, 0.840, 0.440, 1.000)')
};
} else {
styles.bar.backgroundColor = props.color || palette.primary1Color;
styles.bar.transition =
 _transitions2.default.create('width', '.3s', null, 'linear');
styles.bar.width = getRelativeValue(value, min, max) +
'%';
}
return styles;
}
var LinearProgress = function (_Component) {
(0,
 _inherits3.default)(LinearProgress, _Component);
function LinearProgress() {
(0,
 _classCallCheck3.default)(this, LinearProgress);
return (0, _possibleConstructorReturn3.default)(this,
(LinearProgress.__proto__ || (0, _getPrototypeOf2.default)(LinearProgress)).apply(this, arguments));
}
(0,
 _createClass3.default)(LinearProgress, [{
key: 'componentDidMount',
value: function
componentDidMount() {
var _this2 = this;
this.timers = { };
this.timers.bar1 = this.barUpdate('bar1',

```

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0, this.refs.bar1, [[-35, 100], [100, -90]], 0);\n    this.timers.bar2 = setTimeout(function () {\n
    _this2.barUpdate('bar2', 0, _this2.refs.bar2, [[-200, 100], [107, -8]], 0);\n    }, 850);\n    }\n    }, {\n    key:
'componentWillUnmount',\n    value: function componentWillMount() {\n    clearTimeout(this.timers.bar1);\n
clearTimeout(this.timers.bar2);\n    }\n    }, {\n    key: 'barUpdate',\n    value: function barUpdate(id, step,
barElement, stepValues, timeToNextStep) {\n    var _this3 = this;\n\n    if (this.props.mode !== 'indeterminate')
return;\n    timeToNextStep = timeToNextStep || 420;\n    step = step || 0;\n    step %= 4;\n    var right =
this.context.muiTheme.isRtl ? 'left' : 'right';\n    var left = this.context.muiTheme.isRtl ? 'right' : 'left';\n\n    if (step
=== 0) {\n    barElement.style[left] = stepValues[0][0] + '%';\n    barElement.style[right] = stepValues[0][1] +
'%';\n    } else if (step === 1) {\n    barElement.style.transitionDuration = '840ms';\n    } else if (step === 2) {\n
barElement.style[left] = stepValues[1][0] + '%';\n    barElement.style[right] = stepValues[1][1] + '%';\n    }
else if (step === 3) {\n    barElement.style.transitionDuration = '0ms';\n    }\n\n    this.timers[id] =
setTimeout(function () {\n    return _this3.barUpdate(id, step + 1, barElement, stepValues);\n    },
timeToNextStep);\n    }\n    }, {\n    key: 'render',\n    value: function render() {\n    var _props = this.props,\n
style = _props.style,\n    other = (0, _objectWithoutProperties3.default)(_props, ['style']);\n    var prepareStyles
= this.context.muiTheme.prepareStyles;\n    var styles = getStyles(this.props, this.context);\n    return
_react2.default.createElement('div', (0, _extends3.default)({}, other, {\n    style: prepareStyles((0,
_simpleAssign2.default)(styles.root, style))\n    )), _react2.default.createElement('div', {\n    style:
prepareStyles(styles.bar)\n    }), _react2.default.createElement('div', {\n    ref: 'bar1',\n    style:
prepareStyles(styles.barFragment1)\n    }), _react2.default.createElement('div', {\n    ref: 'bar2',\n    style:
prepareStyles(styles.barFragment2)\n    }));\n    }\n    });\n    return
LinearProgress;}\n    (_react.Component);\n\n    LinearProgress.defaultProps = {\n    mode: 'indeterminate',\n    value: 0,\n
min: 0,\n    max: 100\n    };\n\n    LinearProgress.contextTypes = {\n    muiTheme:
_propTypes2.default.object.isRequired\n    };\n\n    LinearProgress.propTypes = process.env.NODE_ENV !==
'production' ? {\n    /**\n    * The color of the progress bar, defaults to\n    * primary color of theme.\n    */\n    color:
_propTypes2.default.string,\n\n    /**\n    * The max value of progress, only works in determinate mode.\n    */\n    max:
_propTypes2.default.number,\n\n    /**\n    * The min value of progress, only works in determinate mode.\n    */\n    min:
_propTypes2.default.number,\n\n    /**\n    * The mode of show your progress, indeterminate for when\n    *
there is no value for progress.\n    */\n    mode: _propTypes2.default.oneOf(['determinate', 'indeterminate']),\n\n    /**\n
* Override the inline-styles of the root element.\n    */\n    style: _propTypes2.default.object,\n\n    /**\n    * The value
of progress, only works in determinate mode.\n    */\n    value: _propTypes2.default.number\n    } : {};\n\n    exports.default
= LinearProgress;"},"use strict";\n\n    Object.defineProperty(exports, "__esModule", {\n    value: true\n    });\n\n    var
_toConsumableArray2 = require('babel-runtime/helpers/toConsumableArray');\n    var _toConsumableArray3 =
_interopRequireDefault(_toConsumableArray2);\n    exports.default = getMuiTheme;\n\n    var _lodash =
require('lodash.merge');\n    var _lodash2 = _interopRequireDefault(_lodash);\n    var _colorManipulator =
require('./utils/colorManipulator');\n    var _lightBaseTheme = require('./baseThemes/lightBaseTheme');\n    var
_lightBaseTheme2 = _interopRequireDefault(_lightBaseTheme);\n    var _zIndex = require('./zIndex');\n    var
_zIndex2 = _interopRequireDefault(_zIndex);\n    var _autoprefixer = require('./utils/autoprefixer');\n    var
_autoprefixer2 = _interopRequireDefault(_autoprefixer);\n    var _callOnce = require('./utils/callOnce');\n    var
_callOnce2 = _interopRequireDefault(_callOnce);\n    var _rtl = require('./utils/rtl');\n    var _rtl2 =
_interopRequireDefault(_rtl);\n    var _compose = require('recompose/compose');\n    var _compose2 =
_interopRequireDefault(_compose);\n    var _typography = require('./typography');\n    var _typography2 =
_interopRequireDefault(_typography);\n    var _colors = require('./colors');\n\n    function _interopRequireDefault(obj)
{\n    return obj && obj.__esModule ? obj : {\n    default: obj\n    };\n    }\n\n    /**\n    * Get the MUI theme corresponding to a
base theme.\n    * It's possible to override the computed theme values\n    * by providing a second argument. The
calculated\n    * theme will be deeply merged with the second argument.\n    */\n\n    function getMuiTheme(muiTheme)
{\n    for (var _len = arguments.length, more = Array(_len > 1 ? _len - 1 : 0), _key = 1; _key < _len; _key++) {\n
more[_key - 1] = arguments[_key];\n    }\n\n    muiTheme = _lodash2.default.apply(undefined, [{\n    zIndex:
_zIndex2.default,\n    isRtl: false,\n    userAgent: undefined\n    }, _lightBaseTheme2.default,

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muiTheme].concat(more));\n var _muiTheme = muiTheme,\n spacing = _muiTheme.spacing,\n fontFamily =\n _muiTheme.fontFamily,\n palette = _muiTheme.palette;\n var baseTheme = {\n spacing: spacing,\n fontFamily: fontFamily,\n palette: palette\n };\n muiTheme = (0, _lodash2.default)(({\n appBar: {\n color:\n palette.primary1Color,\n textColor: palette.alternateTextColor,\n height: spacing.desktopKeylineIncrement,\n titleFontWeight: _typography2.default.fontWeightNormal,\n padding: spacing.desktopGutter\n },\n avatar:\n {\n color: palette.canvasColor,\n backgroundColor: (0, _colorManipulator.emphasize)(palette.canvasColor,\n 0.26)\n },\n badge: {\n color: palette.alternateTextColor,\n textColor: palette.textColor,\n primaryColor: palette.primary1Color,\n primaryTextColor: palette.alternateTextColor,\n secondaryColor:\n palette.accent1Color,\n secondaryTextColor: palette.alternateTextColor,\n fontWeight:\n _typography2.default.fontWeightMedium\n },\n bottomNavigation: {\n backgroundColor:\n palette.canvasColor,\n unselectedColor: (0, _colorManipulator.fade)(palette.textColor, 0.54),\n selectedColor:\n palette.primary1Color,\n height: 56,\n unselectedFontSize: 12,\n selectedFontSize: 14\n },\n button: {\n height: 36,\n minWidth: 88,\n iconButtonSize: spacing.iconSize * 2\n },\n card: {\n titleColor: (0,\n _colorManipulator.fade)(palette.textColor, 0.87),\n subtitleColor: (0, _colorManipulator.fade)(palette.textColor,\n 0.54),\n fontWeight: _typography2.default.fontWeightMedium\n },\n cardMedia: {\n color:\n _colors.darkWhite,\n overlayContentBackground: _colors.lightBlack,\n titleColor: _colors.darkWhite,\n subtitleColor: _colors.lightWhite\n },\n cardText: {\n textColor: palette.textColor\n },\n checkbox: {\n boxColor: palette.textColor,\n checkedColor: palette.primary1Color,\n requiredColor:\n palette.primary1Color,\n disabledColor: palette.disabledColor,\n labelColor: palette.textColor,\n labelDisabledColor: palette.disabledColor\n },\n chip: {\n backgroundColor: (0,\n _colorManipulator.emphasize)(palette.canvasColor, 0.12),\n deleteIconColor: (0,\n _colorManipulator.fade)(palette.textColor, 0.26),\n textColor: (0, _colorManipulator.fade)(palette.textColor,\n 0.87),\n fontSize: 14,\n fontWeight: _typography2.default.fontWeightNormal,\n shadow: '0 1px 6px ' + (0,\n _colorManipulator.fade)(palette.shadowColor, 0.12) + ',\n 0 1px 4px ' + (0,\n _colorManipulator.fade)(palette.shadowColor, 0.12)\n },\n datePicker: {\n color: palette.primary1Color,\n textColor: palette.alternateTextColor,\n calendarTextColor: palette.textColor,\n selectColor:\n palette.primary2Color,\n selectTextColor: palette.alternateTextColor,\n calendarYearBackgroundColor:\n palette.canvasColor,\n headerColor: palette.pickerHeaderColor || palette.primary1Color\n },\n dialog: {\n titleFontSize: 22,\n bodyFontSize: 16,\n bodyColor: (0, _colorManipulator.fade)(palette.textColor, 0.6)\n },\n dropDownMenu: {\n accentColor: palette.borderColor\n },\n enhancedButton: {\n tapHighlightColor: _colors.transparent\n },\n flatButton: {\n color: _colors.transparent,\n buttonFilterColor: '#999999',\n disabledTextColor: (0, _colorManipulator.fade)(palette.textColor, 0.3),\n textColor: palette.textColor,\n primaryTextColor: palette.primary1Color,\n secondaryTextColor:\n palette.accent1Color,\n fontSize: _typography2.default.fontStyleButtonFontSize,\n fontWeight:\n _typography2.default.fontWeightMedium\n },\n floatingActionButton: {\n buttonSize: 56,\n miniSize:\n 40,\n color: palette.primary1Color,\n iconColor: palette.alternateTextColor,\n secondaryColor:\n palette.accent1Color,\n secondaryIconColor: palette.alternateTextColor,\n disabledTextColor:\n palette.disabledColor,\n disabledColor: (0, _colorManipulator.emphasize)(palette.canvasColor, 0.12)\n },\n gridTile: {\n textColor: _colors.white\n },\n icon: {\n color: palette.canvasColor,\n backgroundColor:\n palette.primary1Color\n },\n inkBar: {\n backgroundColor: palette.accent1Color\n },\n drawer: {\n width: spacing.desktopKeylineIncrement * 4,\n color: palette.canvasColor\n },\n listItem: {\n nestedLevelDepth: 18,\n secondaryTextColor: palette.secondaryTextColor,\n leftIconColor:\n _colors.grey600,\n rightIconColor: _colors.grey600\n },\n menu: {\n backgroundColor:\n palette.canvasColor,\n containerBackgroundColor: palette.canvasColor\n },\n menuItem: {\n dataHeight:\n 32,\n height: 48,\n hoverColor: (0, _colorManipulator.fade)(palette.textColor, 0.1),\n padding:\n spacing.desktopGutter,\n selectedTextColor: palette.accent1Color,\n rightIconDesktopFill: _colors.grey600\n },\n menuSubheader: {\n padding: spacing.desktopGutter,\n borderColor: palette.borderColor,\n textColor: palette.primary1Color\n },\n overlay: {\n backgroundColor: _colors.lightBlack\n },\n paper:

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{\n  color: palette.textColor,\n  backgroundColor: palette.canvasColor,\n  zDepthShadows: [[1, 6, 0.12, 1, 4,
0.12], [3, 10, 0.16, 3, 10, 0.23], [10, 30, 0.19, 6, 10, 0.23], [14, 45, 0.25, 10, 18, 0.22], [19, 60, 0.30, 15, 20,
0.22]].map(function (d) {\n    return '0 ' + d[0] + 'px ' + d[1] + 'px ' + (0,
_colorManipulator.fade)(palette.shadowColor, d[2]) + ',\n    0 ' + d[3] + 'px ' + d[4] + 'px ' + (0,
_colorManipulator.fade)(palette.shadowColor, d[5]);\n  })\n },\n radioButton: {\n  borderColor:
palette.textColor,\n  backgroundColor: palette.alternateTextColor,\n  checkedColor: palette.primary1Color,\n
requiredColor: palette.primary1Color,\n  disabledColor: palette.disabledColor,\n  size: 24,\n  labelColor:
palette.textColor,\n  labelDisabledColor: palette.disabledColor\n },\n raisedButton: {\n  color:
palette.alternateTextColor,\n  textColor: palette.textColor,\n  primaryColor: palette.primary1Color,\n
primaryTextColor: palette.alternateTextColor,\n  secondaryColor: palette.accent1Color,\n
secondaryTextColor: palette.alternateTextColor,\n  disabledColor: (0,
_colorManipulator.darken)(palette.alternateTextColor, 0.1),\n  disabledTextColor: (0,
_colorManipulator.fade)(palette.textColor, 0.3),\n  fontSize: _typography2.default.fontStyleButtonFontSize,\n
fontWeight: _typography2.default.fontWeightMedium\n },\n refreshIndicator: {\n  strokeColor:
palette.borderColor,\n  loadingStrokeColor: palette.primary1Color\n },\n ripple: {\n  color: (0,
_colorManipulator.fade)(palette.textColor, 0.87)\n },\n slider: {\n  trackSize: 2,\n  trackColor:
palette.primary3Color,\n  trackColorSelected: palette.accent3Color,\n  handleSize: 12,\n
handleSizeDisabled: 8,\n  handleSizeActive: 18,\n  handleColorZero: palette.primary3Color,\n
handleFillColor: palette.alternateTextColor,\n  selectionColor: palette.primary1Color,\n  rippleColor:
palette.primary1Color\n },\n snackbar: {\n  textColor: palette.alternateTextColor,\n  backgroundColor:
palette.textColor,\n  actionColor: palette.accent1Color\n },\n subheader: {\n  color: (0,
_colorManipulator.fade)(palette.textColor, 0.54),\n  fontWeight: _typography2.default.fontWeightMedium\n
},\n stepper: {\n  backgroundColor: 'transparent',\n  hoverBackgroundColor: (0,
_colorManipulator.fade)(_colors.black, 0.06),\n  iconColor: palette.primary1Color,\n  hoveredIconColor:
_colors.grey700,\n  inactiveIconColor: _colors.grey500,\n  textColor: (0,
_colorManipulator.fade)(_colors.black, 0.87),\n  disabledTextColor: (0, _colorManipulator.fade)(_colors.black,
0.26),\n  connectorLineColor: _colors.grey400\n },\n svgIcon: {\n  color: palette.textColor\n },\n table:
{\n  backgroundColor: palette.canvasColor\n },\n tableFooter: {\n  borderColor: palette.borderColor,\n
textColor: palette.accent3Color\n },\n tableHeader: {\n  borderColor: palette.borderColor\n },\n
tableHeaderColumn: {\n  textColor: palette.accent3Color,\n  height: 56,\n  spacing: 24\n },\n tableRow:
{\n  hoverColor: palette.accent2Color,\n  stripeColor: (0, _colorManipulator.fade)((0,
_colorManipulator.lighten)(palette.primary1Color, 0.5), 0.4),\n  selectedColor: palette.borderColor,\n
textColor: palette.textColor,\n  borderColor: palette.borderColor,\n  height: 48\n },\n tableRowColumn: {\n
height: 48,\n  spacing: 24\n },\n tabs: {\n  backgroundColor: palette.primary1Color,\n  textColor: (0,
_colorManipulator.fade)(palette.alternateTextColor, 0.7),\n  selectedTextColor: palette.alternateTextColor\n
},\n textField: {\n  textColor: palette.textColor,\n  hintColor: palette.disabledColor,\n  floatingLabelColor:
palette.disabledColor,\n  disabledTextColor: palette.disabledColor,\n  errorColor: _colors.red500,\n
focusColor: palette.primary1Color,\n  backgroundColor: 'transparent',\n  borderColor: palette.borderColor\n
},\n timePicker: {\n  color: palette.alternateTextColor,\n  textColor: palette.alternateTextColor,\n
accentColor: palette.primary1Color,\n  clockColor: palette.textColor,\n  clockCircleColor:
palette.clockCircleColor,\n  headerColor: palette.pickerHeaderColor || palette.primary1Color,\n  selectColor:
palette.primary2Color,\n  selectTextColor: palette.alternateTextColor\n },\n toggle: {\n  thumbOnColor:
palette.primary1Color,\n  thumbOffColor: palette.accent2Color,\n  thumbDisabledColor: palette.borderColor,\n
thumbRequiredColor: palette.primary1Color,\n  trackOnColor: (0,
_colorManipulator.fade)(palette.primary1Color, 0.5),\n  trackOffColor: palette.primary3Color,\n
trackDisabledColor: palette.primary3Color,\n  labelColor: palette.textColor,\n  labelDisabledColor:
palette.disabledColor,\n  trackRequiredColor: (0, _colorManipulator.fade)(palette.primary1Color, 0.5)\n },\n
toolbar: {\n  color: (0, _colorManipulator.fade)(palette.textColor, 0.54),\n  hoverColor: (0,

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_colorManipulator.fade)(palette.textColor, 0.87),\n  backgroundColor: (0,
_colorManipulator.darken)(palette.accent2Color, 0.05),\n  height: 56,\n  titleFontSize: 20,\n  iconColor: (0,
_colorManipulator.fade)(palette.textColor, 0.4),\n  separatorColor: (0, _colorManipulator.fade)(palette.textColor,
0.175),\n  menuHoverColor: (0, _colorManipulator.fade)(palette.textColor, 0.1)\n },\n  tooltip: {\n  color:
_colors.white,\n  rippleBackgroundColor: _colors.grey700,\n  opacity: 0.9\n }\n }, muiTheme, {\n
baseTheme: baseTheme,\n  // To provide backward compatibility.\n  rawTheme: baseTheme // To provide
backward compatibility.\n\n });\n  var transformers = [_autoprefixer2.default, _rtl2.default,
_callOnce2.default].map(function (t) {\n  return t(muiTheme);\n }).filter(function (t) {\n  return t;\n });\n
muiTheme.prepareStyles = _compose2.default.apply(undefined, (0,
_toConsumableArray3.default)(transformers));\n  return muiTheme;\n }", "/*\n * Lodash (Custom Build)
<https://lodash.com/>\n * Build: `lodash modularize exports=\"npm\" -o .`\n * Copyright JS Foundation and other
contributors <https://js.foundation/>\n * Released under MIT license <https://lodash.com/license>\n * Based on
Underscore.js 1.8.3 <http://underscorejs.org/LICENSE>\n * Copyright Jeremy Ashkenas, DocumentCloud and
Investigative Reporters & Editors\n *  

  ^\n\n  ** Used as the size to enable large array optimizations. *\n  nvar
  LARGE_ARRAY_SIZE = 200;\n  ** Used to stand-in for `undefined` hash values. *\n  ^\n\n  nvar
  HASH_UNDEFINED = '_lodash_hash_undefined_';\n  ** Used to detect hot functions by number of calls within a span of milliseconds.
  *\n  ^\n\n  nvar
  HOT_COUNT = 800,\n  HOT_SPAN = 16;\n  ** Used as references for various `Number` constants.
  *\n  ^\n\n  nvar
  MAX_SAFE_INTEGER = 9007199254740991;\n  ** `Object#toString` result references. *\n  ^\n\n  nvar
  argsTag = 'object Arguments',\n  arrayTag = 'object Array',\n  asyncTag = 'object AsyncFunction',\n
  boolTag = 'object Boolean',\n  dateTag = 'object Date',\n  errorTag = 'object Error',\n  funcTag = 'object
Function',\n  genTag = 'object GeneratorFunction',\n  mapTag = 'object Map',\n  numberTag = 'object
Number',\n  nullTag = 'object Null',\n  objectTag = 'object Object',\n  proxyTag = 'object Proxy',\n
  regexpTag = 'object RegExp',\n  setTag = 'object Set',\n  stringTag = 'object String',\n  undefinedTag =
'object Undefined',\n  weakMapTag = 'object WeakMap';\n  nvar
  arrayBufferTag = 'object ArrayBuffer',\n  dataViewTag = 'object DataView',\n  float32Tag = 'object Float32Array',\n
  float64Tag = 'object Float64Array',\n  int8Tag = 'object Int8Array',\n  int16Tag = 'object Int16Array',\n
  int32Tag = 'object Int32Array',\n  uint8Tag = 'object Uint8Array',\n  uint8ClampedTag = 'object Uint8ClampedArray',\n
  uint16Tag = 'object Uint16Array',\n  uint32Tag = 'object Uint32Array';\n  **\n  ^\n\n  * Used to match `RegExp` \n
[syntax characters](http://ecma-international.org/ecma-262/7.0/#sec-patterns).\n  ^\n\n  nvar
  reRegExpChar =
  /[\w\^\$.+?(){}|\]\/g;\n  ** Used to detect host constructors (Safari). *\n  ^\n\n  nvar
  reIsHostCtor = /^([object
.+?Constructor]*)$/;\n  ** Used to detect unsigned integer values. *\n  ^\n\n  nvar
  reIsUint = /^(?:0|[1-9]\d*)$/;\n  ** Used to identify `toStringTag` values of typed arrays. *\n  ^\n\n  nvar
  typedArrayTags = {};\n  typedArrayTags[float32Tag] =
typedArrayTags[float64Tag] = typedArrayTags[int8Tag] = typedArrayTags[int16Tag] = typedArrayTags[int32Tag]
= typedArrayTags[uint8Tag] = typedArrayTags[uint8ClampedTag] = typedArrayTags[uint16Tag] =
typedArrayTags[uint32Tag] = true;\n  typedArrayTags[argsTag] = typedArrayTags[arrayTag] =
typedArrayTags[arrayBufferTag] = typedArrayTags[boolTag] = typedArrayTags[dataViewTag] =
typedArrayTags[dateTag] = typedArrayTags[errorTag] = typedArrayTags[funcTag] = typedArrayTags[mapTag] =
typedArrayTags[numberTag] = typedArrayTags[objectTag] = typedArrayTags[regexpTag] =
typedArrayTags[setTag] = typedArrayTags[stringTag] = typedArrayTags[weakMapTag] = false;\n  ** Detect free
variable `global` from Node.js. *\n  ^\n\n  nvar
  freeGlobal = typeof global == 'object' && global && global.Object ===
Object && global;\n  ** Detect free variable `self`. *\n  ^\n\n  nvar
  freeSelf = typeof self == 'object' && self &&
self.Object === Object && self;\n  ** Used as a reference to the global object. *\n  ^\n\n  nvar
  root = freeGlobal || freeSelf || Function('return this')();\n  ** Detect free variable `exports`. *\n  ^\n\n  nvar
  freeExports = typeof exports == 'object' &&
exports && !exports.nodeType && exports;\n  ** Detect free variable `module`. *\n  ^\n\n  nvar
  freeModule = freeExports && typeof module == 'object' && module && !module.nodeType &&
module;\n  ** Detect the popular CommonJS extension `module.exports`. *\n  ^\n\n  nvar
  moduleExports = freeModule && freeModule.exports === freeExports;\n  **
Detect free variable `process` from Node.js. *\n  ^\n\n  nvar
  freeProcess = moduleExports && freeGlobal.process;\n  **
Used to access faster Node.js helpers. *\n  ^\n\n  nvar
  nodeUtil = function () {\n  try {\n  return freeProcess &&

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{};\n }\n\n if (objectCreate) {\n   return objectCreate(proto);\n }\n\n object.prototype = proto;\n var result = new object();\n object.prototype = undefined;\n return result;\n };\n);\n\n/**\n * Creates a hash object.\n *\n * @private\n * @constructor\n * @param {Array} [entries] The key-value pairs to cache.\n */\n\nfunction\nHash(entries) {\n  var index = -1,\n      length = entries == null ? 0 : entries.length;\n  this.clear();\n\n  while\n(++index < length) {\n    var entry = entries[index];\n    this.set(entry[0], entry[1]);\n  }\n}\n\n/**\n * Removes all\nkey-value entries from the hash.\n *\n * @private\n * @name clear\n * @memberOf Hash\n */\n\nfunction\nhashClear() {\n  this.__data__ = nativeCreate ? nativeCreate(null) : {};\n  this.size = 0;\n}\n\n/**\n * Removes `key`\nand its value from the hash.\n *\n * @private\n * @name delete\n * @memberOf Hash\n * @param {Object} hash\nThe hash to modify.\n * @param {string} key The key of the value to remove.\n * @returns {boolean} Returns\n`true` if the entry was removed, else `false`.\n */\n\nfunction\nhashDelete(key) {\n  var result = this.has(key) &&\ndelete this.__data__[key];\n  this.size -= result ? 1 : 0;\n  return result;\n}\n\n/**\n * Gets the hash value for `key`.\n *\n * @private\n * @name get\n * @memberOf Hash\n * @param {string} key The key of the value to get.\n * @returns {*} Returns the\nentry value.\n */\n\nfunction\nhashGet(key) {\n  var data = this.__data__;\n  if\n(nativeCreate) {\n    var result = data[key];\n    return result === HASH_UNDEFINED ? undefined : result;\n  }\n\n  return\nhasOwnProperty.call(data, key) ? data[key] : undefined;\n}\n\n/**\n * Checks if a hash value for `key` exists.\n *\n * @private\n * @name has\n * @memberOf Hash\n * @param {string} key The key of the entry to check.\n * @returns {boolean} Returns\n`true` if an entry for `key` exists, else `false`.\n */\n\nfunction\nhashHas(key) {\n  var data = this.__data__;\n  return\nnativeCreate ? data[key] !== undefined : hasOwnProperty.call(data, key);\n}\n\n/**\n * Sets the hash `key` to `value`.\n *\n * @private\n * @name set\n * @memberOf Hash\n * @param {string} key The\nkey of the value to set.\n * @param {*} value The value to set.\n * @returns {Object} Returns\nthe hash instance.\n */\n\nfunction\nhashSet(key, value) {\n  var data = this.__data__;\n  this.size += this.has(key) ? 0 : 1;\n  data[key] =\nnativeCreate && value === undefined ? HASH_UNDEFINED : value;\n  return\nthis;\n}\n\n// Add methods to\n`Hash`.\n\nHash.prototype.clear = hashClear;\nHash.prototype['delete'] = hashDelete;\nHash.prototype.get =\nhashGet;\nHash.prototype.has = hashHas;\nHash.prototype.set = hashSet;\n\n/**\n * Creates an list cache object.\n *\n * @private\n * @constructor\n * @param {Array} [entries] The key-value pairs to cache.\n */\n\nfunction\nListCache(entries) {\n  var index = -1,\n      length = entries == null ? 0 : entries.length;\n  this.clear();\n\n  while\n(++index < length) {\n    var entry = entries[index];\n    this.set(entry[0], entry[1]);\n  }\n}\n\n/**\n * Removes all\nkey-value entries from the list cache.\n *\n * @private\n * @name clear\n * @memberOf ListCache\n */\n\nfunction\nlistCacheClear() {\n  this.__data__ = [];\n  this.size = 0;\n}\n\n/**\n * Removes `key`\nand its value from the list cache.\n *\n * @private\n * @name delete\n * @memberOf ListCache\n * @param {string} key The\nkey of the value to remove.\n * @returns {boolean} Returns\n`true` if the entry was removed, else `false`.\n */\n\nfunction\nlistCacheDelete(key) {\n  var data = this.__data__,\n      index = assocIndexOf(data, key);\n\n  if\n(index < 0) {\n    return\nfalse;\n  }\n\n  var\nlastIndex = data.length - 1;\n\n  if\n(index === lastIndex) {\n    data.pop();\n  }\n  else {\n    splice.call(data, index, 1);\n  }\n\n  --this.size;\n  return\ntrue;\n}\n\n/**\n * Gets the list cache value for\n`key`.\n *\n * @private\n * @name get\n * @memberOf ListCache\n * @param {string} key The key of the value\nto get.\n * @returns {*} Returns the\nentry value.\n */\n\nfunction\nlistCacheGet(key) {\n  var data =\nthis.__data__,\n      index = assocIndexOf(data, key);\n  return\nindex < 0 ? undefined : data[index][1];\n}\n\n/**\n * Checks if a list cache value for `key` exists.\n *\n * @private\n * @name has\n * @memberOf ListCache\n * @param {string} key The key of the entry to check.\n * @returns {boolean} Returns\n`true` if an entry for `key` exists, else `false`.\n */\n\nfunction\nlistCacheHas(key) {\n  return\nassocIndexOf(this.__data__, key) > -1;\n}\n\n/**\n * Sets the list cache `key` to `value`.\n *\n * @private\n * @name set\n * @memberOf ListCache\n * @param {string} key The key of the value to set.\n * @param {*} value The value to set.\n * @returns {Object} Returns\nthe list cache instance.\n */\n\nfunction\nlistCacheSet(key, value) {\n  var data = this.__data__,\n      index =\nassocIndexOf(data, key);\n\n  if\n(index < 0) {\n    ++this.size;\n    data.push([key, value]);\n  }\n  else {\n    data[index][1] =\nvalue;\n  }\n\n  return\nthis;\n}\n\n// Add methods to\n`ListCache`.\n\nListCache.prototype.clear =\nlistCacheClear;\nListCache.prototype['delete'] =\nlistCacheDelete;\nListCache.prototype.get =\nlistCacheGet;\nListCache.prototype.has =\nlistCacheHas;\nListCache.prototype.set =\nlistCacheSet;\n\n/**\n * Creates a map cache object to store key-value pairs.\n *\n * @private\n * @constructor\n * @param {Array} [entries] The

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key-value pairs to cache.\n */\n\nfunction MapCache(entries) {\n  var index = -1,\n      length = entries == null ? 0 :
entries.length;\n  this.clear();\n  while (++index < length) {\n    var entry = entries[index];\n    this.set(entry[0],
entry[1]);\n  }\n}\n/**\n * Removes all key-value entries from the map.\n */\n * @private\n * @name clear\n *
@memberOf MapCache\n */\n\nfunction mapCacheClear() {\n  this.size = 0;\n  this.__data__ = {\n    'hash': new
Hash(),\n    'map': new (Map || ListCache>(),\n    'string': new Hash()\n  };\n}\n/**\n * Removes `key` and its value
from the map.\n */\n * @private\n * @name delete\n * @memberOf MapCache\n * @param {string} key The key of the
value to remove.\n * @returns {boolean} Returns `true` if the entry was removed, else `false`.\n */\n\nfunction
mapCacheDelete(key) {\n  var result = getMapData(this, key)['delete'](key);\n  this.size -= result ? 1 : 0;\n  return
result;\n}\n/**\n * Gets the map value for `key`.\n */\n * @private\n * @name get\n * @memberOf MapCache\n *
@param {string} key The key of the value to get.\n * @returns {*} Returns the entry value.\n */\n\nfunction
mapCacheGet(key) {\n  return getMapData(this, key).get(key);\n}\n/**\n * Checks if a map value for `key` exists.\n */
*\n * @private\n * @name has\n * @memberOf MapCache\n * @param {string} key The key of the entry to
check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n */\n\nfunction
mapCacheHas(key) {\n  return getMapData(this, key).has(key);\n}\n/**\n * Sets the map `key` to `value`.\n */\n *
@private\n * @name set\n * @memberOf MapCache\n * @param {string} key The key of the value to set.\n *
@param {*} value The value to set.\n * @returns {Object} Returns the map cache instance.\n */\n\nfunction
mapCacheSet(key, value) {\n  var data = getMapData(this, key),\n      size = data.size;\n  data.set(key, value);\n
this.size += data.size == size ? 0 : 1;\n  return this;\n} // Add methods to
`MapCache`.\n\nMapCache.prototype.clear = mapCacheClear;\nMapCache.prototype['delete'] =
mapCacheDelete;\nMapCache.prototype.get = mapCacheGet;\nMapCache.prototype.has =
mapCacheHas;\nMapCache.prototype.set = mapCacheSet;\n/**\n * Creates a stack cache object to store key-value
pairs.\n */\n * @private\n * @constructor\n * @param {Array} [entries] The key-value pairs to cache.\n
*/\n\nfunction Stack(entries) {\n  var data = this.__data__ = new ListCache(entries);\n  this.size =
data.size;\n}\n/**\n * Removes all key-value entries from the stack.\n */\n * @private\n * @name clear\n *
@memberOf Stack\n */\n\nfunction stackClear() {\n  this.__data__ = new ListCache();\n  this.size = 0;\n}\n/**\n *
Removes `key` and its value from the stack.\n */\n * @private\n * @name delete\n * @memberOf Stack\n *
@param {string} key The key of the value to remove.\n * @returns {boolean} Returns `true` if the entry was
removed, else `false`.\n */\n\nfunction stackDelete(key) {\n  var data = this.__data__,\n      result =
data['delete'](key);\n  this.size = data.size;\n  return result;\n}\n/**\n * Gets the stack value for `key`.\n */\n *
@private\n * @name get\n * @memberOf Stack\n * @param {string} key The key of the value to get.\n * @returns
{*} Returns the entry value.\n */\n\nfunction stackGet(key) {\n  return this.__data__.get(key);\n}\n/**\n * Checks
if a stack value for `key` exists.\n */\n * @private\n * @name has\n * @memberOf Stack\n * @param {string} key
The key of the entry to check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n
*/\n\nfunction stackHas(key) {\n  return this.__data__.has(key);\n}\n/**\n * Sets the stack `key` to `value`.\n */\n *
@private\n * @name set\n * @memberOf Stack\n * @param {string} key The key of the value to set.\n * @param
{*} value The value to set.\n * @returns {Object} Returns the stack cache instance.\n */\n\nfunction
stackSet(key, value) {\n  var data = this.__data__;\n  if (data instanceof ListCache) {\n    var pairs = data.__data__;\n    if
(!Map || pairs.length < LARGE_ARRAY_SIZE - 1) {\n      pairs.push([key, value]);\n      this.size = ++data.size;\n
return this;\n    }\n    data = this.__data__ = new MapCache(pairs);\n  }\n  data.set(key, value);\n  this.size =
data.size;\n  return this;\n} // Add methods to `Stack`.\n\nStack.prototype.clear =
stackClear;\nStack.prototype['delete'] = stackDelete;\nStack.prototype.get = stackGet;\nStack.prototype.has =
stackHas;\nStack.prototype.set = stackSet;\n/**\n * Creates an array of the enumerable property names of the array-
like `value`.\n */\n * @private\n * @param {*} value The value to query.\n * @param {boolean} inherited Specify
returning inherited property names.\n * @returns {Array} Returns the array of property names.\n */\n\nfunction
arrayLikeKeys(value, inherited) {\n  var isArr = isArray(value),\n      isArg = !isArr && isArguments(value),\n
isBuff = !isArr && !isArg && isBuffer(value),\n      isType = !isArr && !isArg && !isBuff &&
isTypedArray(value),\n      skipIndexes = isArr || isArg || isBuff || isType,\n      result = skipIndexes ?
baseTimes(value.length, String) : [],\n      length = result.length;\n  for (var key in value) {\n    if ((inherited ||

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hasOwnProperty.call(value, key)) && !(skipIndexes && ( // Safari 9 has enumerable `arguments.length` in strict
mode.\n key == 'length' || // Node.js 0.10 has enumerable non-index properties on buffers.\n isBuff && (key ==
'offset' || key == 'parent') || // PhantomJS 2 has enumerable non-index properties on typed arrays.\n isType &&
(key == 'buffer' || key == 'byteLength' || key == 'byteOffset') || // Skip index properties.\n isIndex(key, length)))
{\n result.push(key);\n }\n }\n\n return result;\n}\n\n\n * This function is like `assignValue` except that it
doesn't assign\n * `undefined` values.\n * \n * @private\n * @param {Object} object The object to modify.\n *
@param {string} key The key of the property to assign.\n * @param {*} value The value to assign.\n
*\n\n\nfunction assignMergeValue(object, key, value) {\n if (value !== undefined && !eq(object[key], value) ||
value === undefined && !(key in object)) {\n baseAssignValue(object, key, value);\n }\n}\n\n\n * Assigns
`value` to `key` of `object` if the existing value is not equivalent\n * using [SameValueZero](http://ecma-
international.org/ecma-262/7.0/#sec-samevaluezero)\n * for equality comparisons.\n * \n * @private\n * @param
{Object} object The object to modify.\n * @param {string} key The key of the property to assign.\n * @param {*}
value The value to assign.\n * \n\n\nfunction assignValue(object, key, value) {\n var objValue = object[key];\n\n
(!(hasOwnProperty.call(object, key) && eq(objValue, value)) || value === undefined && !(key in object)) {\n
baseAssignValue(object, key, value);\n }\n}\n\n\n * Gets the index at which the `key` is found in `array` of key-
value pairs.\n * \n * @private\n * @param {Array} array The array to inspect.\n * @param {*} key The key to
search for.\n * @returns {number} Returns the index of the matched value, else `-1`.\n * \n\n\nfunction
assocIndexOf(array, key) {\n var length = array.length;\n\n while (length--) {\n if (eq(array[length][0], key)) {\n
return length;\n }\n }\n\n return -1;\n}\n\n\n * The base implementation of `assignValue` and
`assignMergeValue` without\n * value checks.\n * \n * @private\n * @param {Object} object The object to
modify.\n * @param {string} key The key of the property to assign.\n * @param {*} value The value to assign.\n
*\n\n\nfunction baseAssignValue(object, key, value) {\n if (key == '__proto__' && defineProperty) {\n
defineProperty(object, key, {\n 'configurable': true,\n 'enumerable': true,\n 'value': value,\n 'writable':
true\n });\n } else {\n object[key] = value;\n }\n}\n\n\n * The base implementation of `baseForOwn` which
iterates over `object`\n * properties returned by `keysFunc` and invokes `iteratee` for each property.\n * Iteratee
functions may exit iteration early by explicitly returning `false`.\n * \n * @private\n * @param {Object} object The
object to iterate over.\n * @param {Function} iteratee The function invoked per iteration.\n * @param {Function}
keysFunc The function to get the keys of `object`.\n * @returns {Object} Returns `object`.\n * \n\n\n\nvar baseFor =
createBaseFor();\n\n\n * The base implementation of `getTag` without fallbacks for buggy environments.\n * \n *
@private\n * @param {*} value The value to query.\n * @returns {string} Returns the `toStringTag`.\n
*\n\n\nfunction baseGetTag(value) {\n if (value == null) {\n return value === undefined ? undefinedTag :
nullTag;\n }\n\n return symToStringTag && symToStringTag in Object(value) ? getRawTag(value) :
objectToString(value);\n}\n\n\n * The base implementation of `_.isArguments`.\n * \n * @private\n * @param {*}
value The value to check.\n * @returns {boolean} Returns `true` if `value` is an `arguments` object,\n
*\n\n\nfunction baseIsArguments(value) {\n return isObjectLike(value) && baseGetTag(value) ==
argsTag;\n}\n\n\n * The base implementation of `_.isNative` without bad shim checks.\n * \n * @private\n *
@param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is a native function,\n *
else `false`.\n * \n\n\nfunction baseIsNative(value) {\n if (!isObject(value) || isMasked(value)) {\n return false;\n
}\n\n var pattern = isFunction(value) ? reIsNative : reIsHostCtor;\n return pattern.test(toSource(value));\n}\n\n\n\n * The base implementation of `_.isTypedArray` without Node.js optimizations.\n * \n * @private\n * @param {*}
value The value to check.\n * @returns {boolean} Returns `true` if `value` is a typed array, else `false`.\n
*\n\n\nfunction baseIsTypedArray(value) {\n return isObjectLike(value) && isLength(value.length) &&
!!typedArrayTags[baseGetTag(value)];\n}\n\n\n * The base implementation of `_.keysIn` which doesn't treat
sparse arrays as dense.\n * \n * @private\n * @param {Object} object The object to query.\n * @returns {Array}
Returns the array of property names.\n * \n\n\nfunction baseKeysIn(object) {\n if (!isObject(object)) {\n return
nativeKeysIn(object);\n }\n\n var isProto = isPrototype(object),\n result = [];\n\n for (var key in object) {\n if
(!!(key == 'constructor' && (isProto || !hasOwnProperty.call(object, key)))) {\n result.push(key);\n }\n }\n\n
return result;\n}\n\n\n * The base implementation of `_.merge` without support for multiple sources.\n * \n *

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@private\n * @param {Object} object The destination object.\n * @param {Object} source The source object.\n *
@param {number} srcIndex The index of `source`.\n * @param {Function} [customizer] The function to customize
merged values.\n * @param {Object} [stack] Tracks traversed source values and their merged\n * counterparts.\n
*/\n\nfunction baseMerge(object, source, srcIndex, customizer, stack) {\n  if (object === source) {\n    return;\n
}\n\n  baseFor(source, function (srcValue, key) {\n    if (isObject(srcValue)) {\n      stack || (stack = new Stack());\n
      baseMergeDeep(object, source, key, srcIndex, baseMerge, customizer, stack);\n    } else {\n      var newValue =
customizer ? customizer(safeGet(object, key), srcValue, key + ", object, source, stack) : undefined;\n      if
(newValue === undefined) {\n        newValue = srcValue;\n      }\n\n      assignMergeValue(object, key,
newValue);\n    } }, keysIn);\n  }\n\n  /**\n * A specialized version of `baseMerge` for arrays and objects which
performs\n * deep merges and tracks traversed objects enabling objects with circular\n * references to be merged.\n
*/\n * @private\n * @param {Object} object The destination object.\n * @param {Object} source The source
object.\n * @param {string} key The key of the value to merge.\n * @param {number} srcIndex The index of
`source`.\n * @param {Function} mergeFunc The function to merge values.\n * @param {Function} [customizer]
The function to customize assigned values.\n * @param {Object} [stack] Tracks traversed source values and their
merged\n * counterparts.\n */\n\nfunction baseMergeDeep(object, source, key, srcIndex, mergeFunc, customizer,
stack) {\n  var objValue = safeGet(object, key),\n      srcValue = safeGet(source, key),\n      stacked =
stack.get(srcValue);\n\n  if (stacked) {\n    assignMergeValue(object, key, stacked);\n    return;\n  }\n\n  var
newValue = customizer ? customizer(objValue, srcValue, key + ", object, source, stack) : undefined;\n  var
isCommon = newValue === undefined;\n\n  if (isCommon) {\n    var isArr = isArray(srcValue),\n        isBuff =
!isArr && isBuffer(srcValue),\n        isTyped = !isArr && !isBuff && isArray(srcValue);\n    newValue =
srcValue;\n\n    if (isArr || isBuff || isTyped) {\n      if (isArray(objValue)) {\n        newValue = objValue;\n      } else
if (isArrayLikeObject(objValue)) {\n        newValue = copyArray(objValue);\n      } else if (isBuff) {\n
isCommon = false;\n        newValue = cloneBuffer(srcValue, true);\n      } else if (isTyped) {\n        isCommon =
false;\n        newValue = cloneTypedArray(srcValue, true);\n      } else {\n        newValue = [];\n      }\n    } else if
(isPlainObject(srcValue) || isArguments(srcValue)) {\n      newValue = objValue;\n      if (isArguments(objValue))
{\n        newValue = toPlainObject(objValue);\n      } else if (!isObject(objValue) || srcIndex &&
isFunction(objValue)) {\n        newValue = initCloneObject(srcValue);\n      }\n    } else {\n      isCommon = false;\n
}\n  }\n\n  if (isCommon) {\n    // Recursively merge objects and arrays (susceptible to call stack limits).\n
stack.set(srcValue, newValue);\n    mergeFunc(newValue, srcValue, srcIndex, customizer, stack);\n
stack['delete'](srcValue);\n  }\n\n  assignMergeValue(object, key, newValue);\n}\n\n/**\n * The base implementation
of `_.rest` which doesn't validate or coerce arguments.\n */\n * @private\n * @param {Function} func The function
to apply a rest parameter to.\n * @param {number} [start=func.length-1] The start position of the rest parameter.\n
*/\n * @returns {Function} Returns the new function.\n */\n\nfunction baseRest(func, start) {\n  return
setToString(overRest(func, start, identity), func + ");\n}\n\n/**\n * The base implementation of `setToString` without
support for hot loop shorting.\n */\n * @private\n * @param {Function} func The function to modify.\n * @param
{Function} string The `toString` result.\n * @returns {Function} Returns `func`.\n */\n\nvar baseSetToString =
!defineProperty ? identity : function (func, string) {\n  return defineProperty(func, 'toString', {\n    'configurable':
true,\n    'enumerable': false,\n    'value': constant(string),\n    'writable': true\n });\n};\n\n/**\n * Creates a clone of
`buffer`.\n */\n * @private\n * @param {Buffer} buffer The buffer to clone.\n * @param {boolean} [isDeep]
Specify a deep clone.\n * @returns {Buffer} Returns the cloned buffer.\n */\n\nfunction cloneBuffer(buffer, isDeep)
{\n  if (isDeep) {\n    return buffer.slice();\n  }\n\n  var length = buffer.length,\n      result = allocUnsafe ?
allocUnsafe(length) : new buffer.constructor(length);\n  buffer.copy(result);\n  return result;\n}\n\n/**\n * Creates a
clone of `arrayBuffer`.\n */\n * @private\n * @param {ArrayBuffer} arrayBuffer The array buffer to clone.\n *
@returns {ArrayBuffer} Returns the cloned array buffer.\n */\n\nfunction cloneArrayBuffer(arrayBuffer) {\n  var
result = new arrayBuffer.constructor(arrayBuffer.byteLength);\n  new Uint8Array(result).set(new
Uint8Array(arrayBuffer));\n  return result;\n}\n\n/**\n * Creates a clone of `typedArray`.\n */\n * @private\n *
@param {Object} typedArray The typed array to clone.\n * @param {boolean} [isDeep] Specify a deep clone.\n *
@returns {Object} Returns the cloned typed array.\n */\n\nfunction cloneTypedArray(typedArray, isDeep) {\n

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var buffer = isDeep ? cloneArrayBuffer(typedArray.buffer) : typedArray.buffer;\n return new
typedArray.constructor(buffer, typedArray.byteOffset, typedArray.length);\n}\n/**\n * Copies the values of `source`
to `array`.\n *\n * @private\n * @param {Array} source The array to copy values from.\n * @param {Array}
[array=[]] The array to copy values to.\n * @returns {Array} Returns `array`.\n *\n\nfunction copyArray(source,
array) {\n  var index = -1,\n      length = source.length;\n  array || (array = Array(length));\n\n  while (++index <
length) {\n    array[index] = source[index];\n  }\n\n  return array;\n}\n/**\n * Copies properties of `source` to
`object`.\n *\n * @private\n * @param {Object} source The object to copy properties from.\n * @param {Array}
props The property identifiers to copy.\n * @param {Object} [object={}] The object to copy properties to.\n *
@param {Function} [customizer] The function to customize copied values.\n * @returns {Object} Returns
`object`.\n *\n\nfunction copyObject(source, props, object, customizer) {\n  var isNew = !object;\n  object ||
(object = {});\n\n  var index = -1,\n      length = props.length;\n\n  while (++index < length) {\n    var key =
props[index];\n    var newValue = customizer ? customizer(object[key], source[key], key, object, source) :
undefined;\n\n    if (newValue === undefined) {\n      newValue = source[key];\n    }\n\n    if (isNew) {\n      baseAssignValue(object, key, newValue);\n    } else {\n      assignValue(object, key, newValue);\n    }\n  }\n\n  return object;\n}\n/**\n * Creates a function like `_.assign`.\n *\n * @private\n * @param {Function} assigner The
function to assign values.\n * @returns {Function} Returns the new assigner function.\n *\n\nfunction
createAssigner(assigner) {\n  return baseRest(function (object, sources) {\n    var index = -1,\n        length =
sources.length,\n        customizer = length > 1 ? sources[length - 1] : undefined,\n        guard = length > 2 ?
sources[2] : undefined;\n\n    customizer = assigner.length > 3 && typeof customizer == 'function' ? (length--,
customizer) : undefined;\n\n    if (guard && isIterateeCall(sources[0], sources[1], guard)) {\n      customizer = length
< 3 ? undefined : customizer;\n      length = 1;\n    }\n\n    object = Object(object);\n\n    while (++index < length)
{\n      var source = sources[index];\n\n      if (source) {\n        assigner(object, source, index, customizer);\n      }\n
}\n\n    return object;\n  });\n}\n/**\n * Creates a base function for methods like `_.forIn` and `_.forOwn`.\n *\n *
@param {boolean} [fromRight] Specify iterating from right to left.\n * @returns {Function} Returns
the new base function.\n *\n\nfunction createBaseFor(fromRight) {\n  return function (object, iteratee, keysFunc)
{\n    var index = -1,\n        iterable = Object(object),\n        props = keysFunc(object),\n        length =
props.length;\n\n    while (length--) {\n      var key = props[fromRight ? length : ++index];\n\n      if
(iterateee(iterable[key], key, iterable) === false) {\n        break;\n      }\n    }\n\n    return object;\n  };
}\n/**\n * Gets the data for `map`.\n *\n * @private\n * @param {Object} map The map to query.\n * @param {string} key
The reference key.\n * @returns {*} Returns the map data.\n *\n\nfunction getMapData(map, key) {\n  var data =
map.__data__;\n  return isKeyable(key) ? data[typeof key == 'string' ? 'string' : 'hash'] : data.map;\n}\n/**\n * Gets
the native function at `key` of `object`.\n *\n * @private\n * @param {Object} object The object to query.\n *
@param {string} key The key of the method to get.\n * @returns {*} Returns the function if it's native, else
`undefined`.\n *\n\nfunction getNative(object, key) {\n  var value = getValue(object, key);\n  return
baseIsNative(value) ? value : undefined;\n}\n/**\n * A specialized version of `baseGetTag` which ignores
`Symbol.toStringTag` values.\n *\n * @private\n * @param {*} value The value to query.\n * @returns {string}
Returns the raw `toStringTag`.\n *\n\nfunction getRawTag(value) {\n  var isOwn = hasOwnProperty.call(value,
symToStringTag),\n      tag = value[symToStringTag];\n\n  try {\n    value[symToStringTag] = undefined;\n    var
unmasked = true;\n  } catch (e) {}\n\n  var result = nativeObjectToString.call(value);\n\n  if (unmasked) {\n    if
(isOwn) {\n      value[symToStringTag] = tag;\n    } else {\n      delete value[symToStringTag];\n    }\n  }\n\n  return
result;\n}\n/**\n * Initializes an object clone.\n *\n * @private\n * @param {Object} object The object to clone.\n *
@return {Object} Returns the initialized clone.\n *\n\nfunction initCloneObject(object) {\n  return typeof
object.constructor == 'function' && !isPrototype(object) ? baseCreate(getPrototype(object)) : {};\n}\n/**\n *
Checks if `value` is a valid array-like index.\n *\n * @private\n * @param {*} value The value to check.\n *
@param {number} [length=MAX_SAFE_INTEGER] The upper bounds of a valid index.\n * @returns {boolean}
Returns `true` if `value` is a valid index, else `false`.\n *\n\nfunction isIndex(value, length) {\n  var type =
typeof value;\n  length = length == null ? MAX_SAFE_INTEGER : length;\n  return !!length && (type == 'number' || type
!= 'symbol' && reIsUint.test(value)) && value > -1 && value % 1 == 0 && value < length;\n}\n/**\n * Checks if

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the given arguments are from an iteratee call.
 @private @param {*} value The potential iteratee value argument.
 @param {*} index The potential iteratee index or key argument.
 @param {*} object The potential iteratee object argument.
 @returns {boolean} Returns `true` if the arguments are from an iteratee call, else `false`.
 ^\n\nfunction isIterateeCall(value, index, object) {\n if (!isObject(object)) {\n return false;\n }\n var type = typeof index;\n if (type === 'number' ? isArrayLike(object) && isIndex(index, object.length) : type === 'string' && index in object) {\n return eq(object[index], value);\n }\n return false;\n }\n/**\n * Checks if `value` is suitable for use as unique object key.
 @private @param {*} value The value to check.
 @returns {boolean} Returns `true` if `value` is suitable, else `false`.
 ^\n\nfunction isKeyable(value) {\n var type = typeof value;\n return type === 'string' || type === 'number' || type === 'symbol' || type === 'boolean' ? value !== '__proto__' : value === null;\n }\n/**\n * Checks if `func` has its source masked.
 @private @param {Function} func The function to check.
 @returns {boolean} Returns `true` if `func` is masked, else `false`.
 ^\n\nfunction isMasked(func) {\n return !!maskSrcKey && maskSrcKey in func;\n }\n/**\n * Checks if `value` is likely a prototype object.
 @private @param {*} value The value to check.
 @returns {boolean} Returns `true` if `value` is a prototype, else `false`.
 ^\n\nfunction isPrototype(value) {\n var Ctor = value && value.constructor,\n proto = typeof Ctor === 'function' && Ctor.prototype || objectProto;\n return value === proto;\n }\n/**\n * This function is like
 [Object.keys](http://ecma-international.org/ecma-262/7.0/#sec-object.keys) except that it includes inherited enumerable properties.
 @private @param {Object} object The object to query.
 @returns {Array} Returns the array of property names.
 ^\n\nfunction nativeKeysIn(object) {\n var result = [];\n if (object != null) {\n for (var key in Object(object)) {\n result.push(key);\n }\n }\n return result;\n }\n/**\n * Converts `value` to a string using `Object.prototype.toString`.
 @private @param {*} value The value to convert.
 @returns {string} Returns the converted string.
 ^\n\nfunction objectToString(value) {\n return nativeObjectToString.call(value);\n }\n/**\n * A specialized version of `baseRest` which transforms the rest array.
 @private @param {Function} func The function to apply a rest parameter to.
 @param {number} [start=func.length-1] The start position of the rest parameter.
 @param {Function} transform The rest array transform.
 @returns {Function} Returns the new function.
 ^\n\nfunction overRest(func, start, transform) {\n start = nativeMax(start === undefined ? func.length - 1 : start, 0);\n return function () {\n var args = arguments,\n index = -1,\n length = nativeMax(args.length - start, 0),\n array = Array(length);\n while (++index < length) {\n array[index] = args[start + index];\n }\n index = -1;\n var otherArgs = Array(start + 1);\n while (++index < start) {\n otherArgs[index] = args[index];\n }\n otherArgs[start] = transform(array);\n return apply(func, this, otherArgs);\n };}\n/**\n * Sets the `toString` method of `func` to return `string`.
 @private @param {Function} func The function to modify.
 @param {Function} string The `toString` result.
 @returns {Function} Returns `func`.
 ^\n\nvar setToString = shortOut(baseSetToString);\n/**\n * Creates a function that'll short out and invoke `identity` instead of `func` when it's called `HOT_COUNT` or more times in `HOT_SPAN` milliseconds.
 @private @param {Function} func The function to restrict.
 @returns {Function} Returns the new shortable function.
 ^\n\nfunction shortOut(func) {\n var count = 0,\n lastCalled = 0;\n return function () {\n var stamp = nativeNow(),\n remaining = HOT_SPAN - (stamp - lastCalled);\n lastCalled = stamp;\n if (remaining > 0) {\n if (++count >= HOT_COUNT) {\n return arguments[0];\n }\n } else {\n count = 0;\n }\n return func.apply(undefined, arguments);\n };}\n/**\n * Converts `func` to its source code.
 @private @param {Function} func The function to convert.
 @returns {string} Returns the source code.
 ^\n\nfunction toSource(func) {\n if (func != null) {\n try {\n return funcToString.call(func);\n } catch (e) {\n }\n try {\n return func + '';\n } catch (e) {\n }\n }\n return '';\n }\n/**\n * Performs a
 [SameValueZero](http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero) comparison between two values to determine if they are equivalent.
 @static @memberOf _ @since 4.0.0 @category Lang @param {*} value The value to compare.
 @param {*} other The other value to compare.
 @returns {boolean} Returns `true` if the values are equivalent, else `false`.
 @example\n var object = { 'a': 1 };\n var other = { 'a': 1 };\n _ .eq(object, object); // => true\n _ .eq(object, other); // => false\n _ .eq('a', 'a'); // => true

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* _.eq('a', Object('a')); \n * // => false \n * \n * _.eq(NaN, NaN); \n * // => true \n * \n \n function eq(value, other) { \n
return value === other || value !== value && other !== other; \n } \n /** \n * Checks if `value` is likely an `arguments`
object. \n * \n * @static \n * @memberOf _ \n * @since 0.1.0 \n * @category Lang \n * @param {*} value The value
to check. \n * @returns {boolean} Returns `true` if `value` is an `arguments` object, \n * else `false`. \n *
@example \n * \n * _.isArguments(function() { return arguments; }()); \n * // => true \n * \n * _.isArguments([1, 2,
3]); \n * // => false \n * \n \n var isArguments = baseIsArguments(function () { \n return arguments; \n }) ?
baseIsArguments : function (value) { \n return isObjectLike(value) && hasOwnProperty.call(value, 'callee') &&
!propertyIsEnumerable.call(value, 'callee'); \n }; \n /** \n * Checks if `value` is classified as an `Array` object. \n * \n *
@static \n * @memberOf _ \n * @since 0.1.0 \n * @category Lang \n * @param {*} value The value to check. \n *
@returns {boolean} Returns `true` if `value` is an array, else `false`. \n * @example \n * \n * _.isArray([1, 2, 3]); \n *
// => true \n * \n * _.isArray(document.body.children); \n * // => false \n * \n * _.isArray('abc'); \n * // => false \n * \n *
_.isArray(_noop); \n * // => false \n * \n \n var isArray = Array.isArray; \n /** \n * Checks if `value` is array-like. A
value is considered array-like if it's \n * not a function and has a `value.length` that's an integer greater than or \n *
equal to `0` and less than or equal to `Number.MAX_SAFE_INTEGER`. \n * \n * @static \n * @memberOf _ \n *
@since 4.0.0 \n * @category Lang \n * @param {*} value The value to check. \n * @returns {boolean} Returns `true`
if `value` is array-like, else `false`. \n * @example \n * \n * _.isArrayLike([1, 2, 3]); \n * // => true \n * \n *
_.isArrayLike(document.body.children); \n * // => true \n * \n * _.isArrayLike('abc'); \n * // => true \n * \n *
_.isArrayLike(_noop); \n * // => false \n * \n \n function isArrayLike(value) { \n return value != null &&
isLength(value.length) && !isFunction(value); \n } \n /** \n * This method is like `_.isArrayLike` except that it also
checks if `value` \n * is an object. \n * \n * @static \n * @memberOf _ \n * @since 4.0.0 \n * @category Lang \n *
@param {*} value The value to check. \n * @returns {boolean} Returns `true` if `value` is an array-like object, \n *
else `false`. \n * @example \n * \n * _.isArrayLikeObject([1, 2, 3]); \n * // => true \n * \n *
_.isArrayLikeObject(document.body.children); \n * // => true \n * \n * _.isArrayLikeObject('abc'); \n * // => false \n * \n *
_.isArrayLikeObject(_noop); \n * // => false \n * \n \n function isArrayLikeObject(value) { \n return
isObjectLike(value) && isArrayLike(value); \n } \n /** \n * Checks if `value` is a buffer. \n * \n * @static \n *
@memberOf _ \n * @since 4.3.0 \n * @category Lang \n * @param {*} value The value to check. \n * @returns
{boolean} Returns `true` if `value` is a buffer, else `false`. \n * @example \n * \n * _.isBuffer(new Buffer(2)); \n *
// => true \n * \n * _.isBuffer(new Uint8Array(2)); \n * // => false \n * \n \n var isBuffer = nativeIsBuffer ||
stubFalse; \n /** \n * Checks if `value` is classified as a `Function` object. \n * \n * @static \n * @memberOf _ \n *
@since 0.1.0 \n * @category Lang \n * @param {*} value The value to check. \n * @returns {boolean} Returns `true`
if `value` is a function, else `false`. \n * @example \n * \n * _.isFunction(_); \n * // => true \n * \n *
_.isFunction(/abc/); \n * // => false \n * \n \n function isFunction(value) { \n if (!isObject(value)) { \n return false; \n
} \n // The use of `Object#toString` avoids issues with the `typeof` operator \n // in Safari 9 which returns 'object' for
typed arrays and other constructors. \n \n \n var tag = baseGetTag(value); \n return tag == funcTag || tag == genTag ||
tag == asyncTag || tag == proxyTag; \n } \n /** \n * Checks if `value` is a valid array-like length. \n * \n * **Note:**
This method is loosely based on \n * ['ToLength'](http://ecma-international.org/ecma-262/7.0/#sec-tolength). \n * \n *
@static \n * @memberOf _ \n * @since 4.0.0 \n * @category Lang \n * @param {*} value The value to check. \n *
@returns {boolean} Returns `true` if `value` is a valid length, else `false`. \n * @example \n * \n * _.isLength(3); \n *
// => true \n * \n * _.isLength(Number.MIN_VALUE); \n * // => false \n * \n * _.isLength(Infinity); \n * // => false \n * \n *
_.isLength('3'); \n * // => false \n * \n \n function isLength(value) { \n return typeof value == 'number' &&
value > -1 && value % 1 == 0 && value <= MAX_SAFE_INTEGER; \n } \n /** \n * Checks if `value` is the \n *
[language type](http://www.ecma-international.org/ecma-262/7.0/#sec-ecmascript-language-types) \n * of `Object`.
(e.g. arrays, functions, objects, regexes, `new Number(0)`, and `new String(')`) \n * \n * @static \n * @memberOf _ \n *
@since 0.1.0 \n * @category Lang \n * @param {*} value The value to check. \n * @returns {boolean} Returns
`true` if `value` is an object, else `false`. \n * @example \n * \n * _.isObject({}); \n * // => true \n * \n *
_.isObject([1, 2, 3]); \n * // => true \n * \n * _.isObject(_noop); \n * // => true \n * \n *
_.isObject(null); \n * // => false \n * \n \n function isObject(value) { \n var type = typeof value; \n return value != null && (type == 'object' || type ==
'function'); \n } \n /** \n * Checks if `value` is object-like. A value is object-like if it's not `null` \n * and has a `typeof`

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result of `Object`.
    @static
    @memberOf _
    @since 4.0.0
    @category Lang
    @param {*} value The value to check.
    @returns {boolean} Returns `true` if `value` is object-like, else `false`.
    @example
    _isObjectLike({}); // => true
    _isObjectLike([1, 2, 3]); // => true
    _isObjectLike(_noop); // => false
    _isObjectLike(null); // => false
    function isObjectLike(value) {
      return value != null && typeof value == 'object';
    }
    Checks if `value` is a plain object, that is, an object created by the
    `Object` constructor or one with a `[[Prototype]]` of `null`.
    @static
    @memberOf _
    @since 0.8.0
    @category Lang
    @param {*} value The value to check.
    @returns {boolean} Returns `true` if `value` is a plain object, else `false`.
    @example
    function Foo() {
      this.a = 1;
    }
    _isPlainObject(new Foo); // => false
    _isPlainObject([1, 2, 3]); // => false
    _isPlainObject({ 'x': 0, 'y': 0 }); // => true
    _isPlainObject(Object.create(null)); // => true
    function isPlainObject(value) {
      if (!isObjectLike(value) || baseGetTag(value) != objectTag) {
        return false;
      }
      var proto = getPrototype(value);
      if (proto === null) {
        return true;
      }
      var Ctor = hasOwnProperty.call(proto, 'constructor') && proto.constructor;
      return typeof Ctor == 'function' && Ctor instanceof Ctor &&
        funcToString.call(Ctor) == objectCtorString;
    }
    Checks if `value` is classified as a typed array.
    @static
    @memberOf _
    @since 3.0.0
    @category Lang
    @param {*} value The value to check.
    @returns {boolean} Returns `true` if `value` is a typed array, else `false`.
    @example
    _isArray(new Uint8Array); // => true
    _isArray([]); // => false
    var isArray = nodeIsTypedArray ? baseUnary(nodeIsTypedArray) : baseIsTypedArray;
    Converts `value` to a plain object flattening inherited enumerable string
    keyed properties of `value` to own properties of the plain object.
    @static
    @memberOf _
    @since 3.0.0
    @category Lang
    @param {*} value The value to convert.
    @returns {Object} Returns the converted plain object.
    @example
    function Foo() {
      this.b = 2;
    }
    Foo.prototype.c = 3;
    _assign({ 'a': 1 }, new Foo); // => { 'a': 1, 'b': 2 }
    _assign({ 'a': 1 }, _toPlainObject(new Foo)); // => { 'a': 1, 'b': 2, 'c': 3 }
    function toPlainObject(value) {
      return copyObject(value, keysIn(value));
    }
    Creates an array of the own and inherited enumerable property names of `object`.
    **Note:** Non-object values are coerced to objects.
    @static
    @memberOf _
    @since 3.0.0
    @category Object
    @param {Object} object The object to query.
    @returns {Array} Returns the array of property names.
    @example
    function Foo() {
      this.a = 1;
      this.b = 2;
    }
    Foo.prototype.c = 3;
    _keysIn(new Foo); // => ['a', 'b', 'c'] (iteration order is not guaranteed)
    function keysIn(object) {
      return isArrayLike(object) ? arrayLikeKeys(object, true) :
        baseKeysIn(object);
    }
    This method is like `_.assign` except that it recursively merges own and
    inherited enumerable string keyed properties of source objects into the
    destination object. Source properties that resolve to `undefined` are
    skipped if a destination value exists. Array and plain object properties
    are merged recursively. Other objects and value types are overridden by
    assignment. Source objects are applied from left to right. Subsequent
    sources overwrite property assignments of previous sources.
    **Note:** This method mutates `object`.
    @static
    @memberOf _
    @since 0.5.0
    @category Object
    @param {Object} object The destination object.
    @param {...Object} [sources] The source objects.
    @returns {Object} Returns `object`.
    @example
    var object = { 'a': [{ 'b': 2 }, { 'd': 4 }] };
    var other = { 'a': [{ 'c': 3 }, { 'e': 5 }] };
    _merge(object, other); // => { 'a': [{ 'b': 2, 'c': 3 }, { 'd': 4, 'e': 5 }] }
    var merge = createAssigner(function (object, source, srcIndex) {
      baseMerge(object, source, srcIndex);
    });
    Creates a function that returns `value`.
    @static
    @memberOf _
    @since 2.4.0
    @category Util
    @param {*} value The value to return from the new function.
    @returns {Function} Returns the new constant function.
    @example
    var objects = _.times(2, _.constant({ 'a': 1 }));
    console.log(objects); // => [{ 'a': 1 }, { 'a': 1 }]
    console.log(objects[0] === objects[1]); // => true
    function constant(value) {
      return function () {
        return value;
      };
    }
    This method returns the first argument it receives.
    @static
    @since 0.1.0
    @memberOf _
    @category Util
    @param {*} value Any value.
    @returns {*} Returns `value`.
    @example
    var object = { 'a': 1 };
    console.log(_identity(object)); // => { 'a': 1 }
    console.log(identity(value)); // => true
    function identity(value) {
      return value;
    }
    This method returns `false`.
    @static
    @memberOf _
    @since 4.13.0
    @category Util
    @returns {boolean} Returns `false`.

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@example\n * \n * _times(2, _stubFalse);\n * // => [false, false]\n * \n\nfunction stubFalse() {\n return
false;\n}\n\nmodule.exports = merge;", "use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nvar _colors = require('./colors');\n\nvar _colorManipulator =
require('./../utils/colorManipulator');\n\nvar _spacing = require('./spacing');\n\nvar _spacing2 =
_interopRequireDefault(_spacing);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ?
obj : {\n default: obj\n };}\n\n/**\n * Light Theme is the default theme used in material-ui. It is guaranteed to\n *
have all theme variables needed for every component. Variables not defined\n * in a custom theme will default to
these values.\n * \n\nexports.default = {\n spacing: _spacing2.default,\n fontFamily: 'Roboto, sans-serif',\n
borderRadius: 2,\n palette: {\n primary1Color: _colors.cyan500,\n primary2Color: _colors.cyan700,\n
primary3Color: _colors.grey400,\n accent1Color: _colors.pinkA200,\n accent2Color: _colors.grey100,\n
accent3Color: _colors.grey500,\n textColor: _colors.darkBlack,\n secondaryTextColor: (0,
_colorManipulator.fade)(_colors.darkBlack, 0.54),\n alternateTextColor: _colors.white,\n canvasColor:
_colors.white,\n borderColor: _colors.grey300,\n disabledColor: (0, _colorManipulator.fade)(_colors.darkBlack,
0.3),\n pickerHeaderColor: _colors.cyan500,\n clockCircleColor: (0,
_colorManipulator.fade)(_colors.darkBlack, 0.07),\n shadowColor: _colors.fullBlack\n };\n\n}

/**\n * NB: If you
update this file, please also update `docs/src/app/customization/Themes.js`\n * ", "use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nexports.default = {\n iconSize:
24,\n desktopGutter: 24,\n desktopGutterMore: 32,\n desktopGutterLess: 16,\n desktopGutterMini: 8,\n
desktopKeylineIncrement: 64,\n desktopDropDownMenuItemHeight: 32,\n desktopDropDownMenuFontSize:
15,\n desktopDrawerMenuItemHeight: 48,\n desktopSubheaderHeight: 48,\n desktopToolbarHeight:
56\n};

", "use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nexports.default = {\n
menu: 1000,\n appBar: 1100,\n drawerOverlay: 1200,\n drawer: 1300,\n dialogOverlay: 1400,\n dialog: 1500,\n
layer: 2000,\n popover: 2100,\n snackbar: 2900,\n tooltip: 3000\n};

", "use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nexports.default = function
(muiTheme) {\n var isClient = typeof navigator !== 'undefined';\n var userAgent = muiTheme.userAgent;\n\n if
(userAgent === undefined && isClient) {\n userAgent = navigator.userAgent;\n }\n\n if (userAgent ===
undefined && !hasWarnedAboutUserAgent) {\n process.env.NODE_ENV !== 'production' ? (0,
_warning2.default)(false, 'Material-UI: userAgent should be supplied in the muiTheme context\\n for server-side
rendering.') : void 0;\n hasWarnedAboutUserAgent = true;\n }\n\n var prefixAll = (0,
_createPrefixer2.default)(_autoprefixerStatic2.default);\n\n if (userAgent === false) {\n // Disabled autoprefixer\n
return null;\n } else if (userAgent === 'all' || userAgent === undefined) {\n // Prefix for all user agent\n return
function (style) {\n var isFlex = ['flex', 'inline-flex'].indexOf(style.display) !== -1;\n var stylePrefixed =
prefixAll(style);\n\n if (isFlex) {\n var display = stylePrefixed.display;\n\n if (isClient) {\n // We
can't apply this join with react-dom:\n // #https://github.com/facebook/react/issues/6467\n
stylePrefixed.display = display[display.length - 1];\n } else {\n stylePrefixed.display = display.join(';
display:');\n }\n }\n\n return stylePrefixed;\n };}\n } else {\n var Prefixer = (0,
_createPrefixer4.default)(_autoprefixerDynamic2.default, prefixAll);\n var prefixer = new Prefixer({\n
userAgent: userAgent\n });\n return function (style) {\n return prefixer.prefix(style);\n };}\n\n};\n\nvar
_createPrefixer = require('inline-style-prefixer/static/createPrefixer');\n\nvar _createPrefixer2 =
_interopRequireDefault(_createPrefixer);\n\nvar _createPrefixer3 = require('inline-style-
prefixer/dynamic/createPrefixer');\n\nvar _createPrefixer4 = _interopRequireDefault(_createPrefixer3);\n\nvar
_autoprefixerDynamic = require('./autoprefixerDynamic');\n\nvar _autoprefixerDynamic2 =
_interopRequireDefault(_autoprefixerDynamic);\n\nvar _autoprefixerStatic = require('./autoprefixerStatic');\n\nvar
_autoprefixerStatic2 = _interopRequireDefault(_autoprefixerStatic);\n\nvar _warning = require('warning');\n\nvar
_warning2 = _interopRequireDefault(_warning);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };}\n\nvar hasWarnedAboutUserAgent = false;

", "use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n value: true\n});\n\nexports.default =
createPrefixer;\n\nvar _prefixProperty = require('./utils/prefixProperty');\n\nvar _prefixProperty2 =

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_interopRequireDefault(_prefixProperty);\n\nvar _prefixValue = require('./utils/prefixValue');\n\nvar _prefixValue2 =
_interopRequireDefault(_prefixValue);\n\nvar _addNewValuesOnly =
require('./utils/addNewValuesOnly');\n\nvar _addNewValuesOnly2 =
_interopRequireDefault(_addNewValuesOnly);\n\nvar _isObject = require('./utils/isObject');\n\nvar _isObject2 =
_interopRequireDefault(_isObject);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n  };}\n\nfunction createPrefixer(_ref) {\n  var prefixMap = _ref.prefixMap,\n  plugins =
_ref.plugins;\n\n  function prefixAll(style) {\n    for (var property in style) {\n      var value = style[property]; //
handle nested objects\n      if ((0, _isObject2.default)(value)) {\n        style[property] = prefixAll(value); // handle
array values\n      } else if (Array.isArray(value)) {\n        var combinedValue = [];\n        for (var i = 0, len =
value.length; i < len; ++i) {\n          var processedValue = (0, _prefixValue2.default)(plugins, property, value[i],
style, prefixMap);\n          (0, _addNewValuesOnly2.default)(combinedValue, processedValue || value[i]);\n        } //
only modify the value if it was touched\n        // by any plugin to prevent unnecessary mutations\n        if
(combinedValue.length > 0) {\n          style[property] = combinedValue;\n        } else {\n          var
_processedValue = (0, _prefixValue2.default)(plugins, property, value, style, prefixMap); // only modify the value if
it was touched\n          // by any plugin to prevent unnecessary mutations\n          if (_processedValue) {\n
style[property] = _processedValue;\n          }\n          (0, _prefixProperty2.default)(prefixMap, property, style);\n
}\n        }\n        return style;\n      }\n      return prefixAll;\n    }\n\n    module.exports = exports['default'];\n    "use
strict";\n    Object.defineProperty(exports, "__esModule", {\n      value: true\n});\n    exports.default =
prefixProperty;\n\n    var _capitalizeString = require('./capitalizeString');\n    var _capitalizeString2 =
_interopRequireDefault(_capitalizeString);\n\n    function _interopRequireDefault(obj) {\n      return obj &&
obj.__esModule ? obj : {\n        default: obj\n      };}\n\n    function prefixProperty(prefixProperties, property, style) {\n      if
(prefixProperties.hasOwnProperty(property)) {\n        var requiredPrefixes = prefixProperties[property];\n        for (var i = 0, len = requiredPrefixes.length; i < len; ++i) {\n          style[requiredPrefixes[i] + (0,
_capitalizeString2.default)(property)] = style[property];\n        }\n      }\n    }\n\n    module.exports = exports['default'];\n    "use
strict";\n    Object.defineProperty(exports, "__esModule", {\n      value: true\n});\n\n    var _createClass = function () {\n      function defineProperties(target, props) {\n        for (var i = 0; i < props.length; i++) {\n          var descriptor = props[i];\n          descriptor.enumerable = descriptor.enumerable || false;\n          descriptor.configurable = true;\n          if (!"value" in
descriptor) descriptor.writable = true;\n          Object.defineProperty(target, descriptor.key, descriptor);\n        }\n      }\n\n      return function (Constructor, protoProps, staticProps) {\n        if (protoProps) defineProperties(Constructor.prototype,
protoProps);\n        if (staticProps) defineProperties(Constructor, staticProps);\n        return Constructor;\n      }\n    }();\n\n    exports.default = createPrefixer;\n\n    var _getBrowserInformation =
require('./utils/getBrowserInformation');\n    var _getBrowserInformation2 =
_interopRequireDefault(_getBrowserInformation);\n\n    var _getPrefixedKeyframes =
require('./utils/getPrefixedKeyframes');\n    var _getPrefixedKeyframes2 =
_interopRequireDefault(_getPrefixedKeyframes);\n\n    var _capitalizeString =
require('./utils/capitalizeString');\n    var _capitalizeString2 = _interopRequireDefault(_capitalizeString);\n\n    var
_addNewValuesOnly = require('./utils/addNewValuesOnly');\n    var _addNewValuesOnly2 =
_interopRequireDefault(_addNewValuesOnly);\n\n    var _isObject = require('./utils/isObject');\n    var _isObject2 =
_interopRequireDefault(_isObject);\n\n    var _prefixValue = require('./utils/prefixValue');\n    var _prefixValue2 =
_interopRequireDefault(_prefixValue);\n\n    function _interopRequireDefault(obj) {\n      return obj && obj.__esModule
? obj : {\n        default: obj\n      };}\n\n    function _classCallCheck(instance, Constructor) {\n      if (!(instance instanceof
Constructor)) {\n        throw new TypeError("Cannot call a class as a function");\n      }\n    }\n\n    function
createPrefixer(_ref) {\n      var prefixMap = _ref.prefixMap,\n      plugins = _ref.plugins;\n      var fallback =
arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : function (style) {\n        return style;\n      };\n      return function () {\n        /**\n         * Instantiante a new prefixer\n         * @param {string} userAgent - userAgent to gather
prefix information according to caniuse.com\n         * @param {string} keepUnprefixed - keeps unprefixed properties
and values\n         */\n        function Prefixer() {\n          var options = arguments.length > 0 && arguments[0] !== undefined
? arguments[0] : {};\n          _classCallCheck(this, Prefixer);\n          var defaultUserAgent = typeof navigator !==

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'undefined' ? navigator.userAgent : undefined;\n    this._userAgent = options.userAgent || defaultUserAgent;\n    this._keepUnprefixed = options.keepUnprefixed || false;\n\n    if (this._userAgent) {\n        this._browserInfo = (0,\n        _getBrowserInformation2.default)(this._userAgent);\n    } // Checks if the userAgent was resolved correctly\n\n    if (this._browserInfo && this._browserInfo.cssPrefix) {\n        this._prefixedKeyframes = (0,\n        _getPrefixedKeyframes2.default)(this._browserInfo.browserName, this._browserInfo.browserVersion,\n        this._browserInfo.cssPrefix);\n    } else {\n        this._useFallback = true;\n        return false;\n    }\n\n    var\n    prefixData = this._browserInfo.browserName && prefixMap[this._browserInfo.browserName];\n\n    if\n    (prefixData) {\n        this._requiresPrefix = {};\n\n        for (var property in prefixData) {\n            if\n            (prefixData[property] >= this._browserInfo.browserVersion) {\n                this._requiresPrefix[property] = true;\n            }\n        }\n\n        this._hasPropsRequiringPrefix = Object.keys(this._requiresPrefix).length > 0;\n    } else {\n        this._useFallback = true;\n    }\n\n    this._metaData = {\n        browserVersion:\n        this._browserInfo.browserVersion,\n        browserName: this._browserInfo.browserName,\n        cssPrefix:\n        this._browserInfo.cssPrefix,\n        jsPrefix: this._browserInfo.jsPrefix,\n        keepUnprefixed:\n        this._keepUnprefixed,\n        requiresPrefix: this._requiresPrefix\n    };\n\n    _createClass(Prefixer, [{\n        key: 'prefix',\n        value: function prefix(style) {\n            // use static prefixer as fallback if userAgent can not be\n            resolved\n            if (this._useFallback) {\n                return fallback(style);\n            } // only add prefixes if needed\n\n            if (!this._hasPropsRequiringPrefix) {\n                return style;\n            }\n\n            return this._prefixStyle(style);\n        }\n    }, {\n        key: '_prefixStyle',\n        value: function _prefixStyle(style) {\n            for (var property in style) {\n                var\n                value = style[property]; // handle nested objects\n\n                if ((0, _isObject2.default)(value)) {\n                    style[property] = this.prefix(value); // handle array values\n                } else if (Array.isArray(value)) {\n                    var\n                    combinedValue = [];\n\n                    for (var i = 0, len = value.length; i < len; ++i) {\n                        var processedValue = (0,\n                        _prefixValue2.default)(plugins, property, value[i], style, this._metaData);\n\n                        (0,\n                        _addNewValuesOnly2.default)(combinedValue, processedValue || value[i]);\n                    } // only modify the value if it\n                    was touched\n                    // by any plugin to prevent unnecessary mutations\n\n                    if (combinedValue.length > 0)\n                    {\n                        style[property] = combinedValue;\n                    }\n                } else {\n                    var _processedValue = (0,\n                    _prefixValue2.default)(plugins, property, value, style, this._metaData); // only modify the value if it was touched\n                    // by any plugin to prevent unnecessary mutations\n\n                    if (_processedValue) {\n                        style[property]\n                        = _processedValue;\n                    } // add prefixes to properties\n\n                    if\n                    (this._requiresPrefix.hasOwnProperty(property)) {\n                        style[this._browserInfo.jsPrefix + (0,\n                        _capitalizeString2.default)(property)] = value;\n                    }\n\n                    if (!this._keepUnprefixed) {\n                        delete\n                        style[property];\n                    }\n                }\n            }\n\n            return style;\n        }\n    }]);\n\n    /**\n     * Returns a\n     prefixed version of the style object using all vendor prefixes\n     * @param {Object} styles - Style object that gets\n     prefixed properties added\n     * @returns {Object} - Style object with prefixed properties and values\n     */\n\n    }, [{\n        key: 'prefixAll',\n        value: function prefixAll(styles) {\n            return fallback(styles);\n        }\n    }]);\n\n    return Prefixer;\n    }());\n\n    module.exports = exports['default'];\n\n    "use strict";\n\n    Object.defineProperty(exports,\n    \"__esModule\", {\n        value: true\n    });\n\n    exports.default = getBrowserInformation;\n\n    nvar _browser =\n    require('browser');\n\n    nvar _browser2 = _interopRequireDefault(_browser);\n\n    nfunction _interopRequireDefault(obj)\n    {\n        return obj && obj.__esModule ? obj : {\n            default: obj\n        };\n    }\n\n    nvar prefixByBrowser = {\n        chrome:\n        'Webkit',\n        safari: 'Webkit',\n        ios: 'Webkit',\n        android: 'Webkit',\n        phantom: 'Webkit',\n        opera: 'Webkit',\n        webos:\n        'Webkit',\n        blackberry: 'Webkit',\n        bada: 'Webkit',\n        tizen: 'Webkit',\n        chromium: 'Webkit',\n        vivaldi: 'Webkit',\n        firefox: 'Moz',\n        seamoney: 'Moz',\n        sailfish: 'Moz',\n        msie: 'ms',\n        msedge: 'ms'\n    };\n\n    nvar browserByCanIuseAlias\n    = {\n        chrome: 'chrome',\n        chromium: 'chrome',\n        safari: 'safari',\n        firfox: 'firefox',\n        msedge: 'edge',\n        opera:\n        'opera',\n        vivaldi: 'opera',\n        msie: 'ie'\n    };\n\n    nfunction getBrowserName(browserInfo) {\n        if (browserInfo.firefox)\n        {\n            return 'firefox';\n        }\n\n        if (browserInfo.mobile || browserInfo.tablet)\n        {\n            if (browserInfo.ios)\n            {\n                return\n                'ios_saf';\n            }\n            else if (browserInfo.android)\n            {\n                return\n                'android';\n            }\n            else if (browserInfo.opera)\n            {\n                return\n                'op_mini';\n            }\n        }\n\n        for (var browser in browserByCanIuseAlias)\n        {\n            if\n            (browserInfo.hasOwnProperty(browser))\n            {\n                return\n                browserByCanIuseAlias[browser];\n            }\n        }\n    }\n\n    /**\n     * Uses browser to get default browser browserInformation such as version and name\n     * Evaluates browser browserInfo

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and adds vendorPrefix browserInformation\n * @param {string} userAgent - userAgent that gets evaluated\n
*\n\nfunction getBrowserInformation(userAgent) {\n  var browserInfo =
  _browser2.default._detect(userAgent);\n\n  if (browserInfo.yandexbrowser) {\n    browserInfo =
  _browser2.default._detect(userAgent.replace(/YaBrowser\\/[0-9.]*/, ""));\n  }\n\n  for (var browser in
  prefixByBrowser) {\n    if (browserInfo.hasOwnProperty(browser)) {\n      var prefix =
  prefixByBrowser[browser];\n      browserInfo.jsPrefix = prefix;\n      browserInfo.cssPrefix = '-' +
  prefix.toLowerCase() + '-';\n      break;\n    }\n  }\n\n  browserInfo.browserName = getBrowserName(browserInfo);\n
  // For cordova IOS 8 the version is missing, set truncated osversion to prevent NaN\n\n  if (browserInfo.version) {\n
  browserInfo.browserVersion = parseFloat(browserInfo.version);\n  } else {\n    browserInfo.browserVersion =
  parseInt(parseFloat(browserInfo.osversion), 10);\n  }\n\n  browserInfo.osVersion =
  parseFloat(browserInfo.osversion); // iOS forces all browsers to use Safari under the hood\n // as the Safari version
  seems to match the iOS version\n // we just explicitly use the osversion instead\n //
  https://github.com/rofrischmann/inline-style-prefixer/issues/72\n\n  if (browserInfo.browserName === 'ios_saf' &&
  browserInfo.browserVersion > browserInfo.osVersion) {\n    browserInfo.browserVersion =
  browserInfo.osVersion;\n  } // seperate native android chrome\n // https://github.com/rofrischmann/inline-style-
  prefixer/issues/45\n\n\n  if (browserInfo.browserName === 'android' && browserInfo.chrome &&
  browserInfo.browserVersion > 37) {\n    browserInfo.browserName = 'and_chr';\n  } // For android < 4.4 we want to
  check the osversion\n // not the chrome version, see issue #26\n // https://github.com/rofrischmann/inline-style-
  prefixer/issues/26\n\n\n  if (browserInfo.browserName === 'android' && browserInfo.osVersion < 5) {\n
  browserInfo.browserVersion = browserInfo.osVersion;\n  } // Samsung browser are basically build on Chrome >
  44\n // https://github.com/rofrischmann/inline-style-prefixer/issues/102\n\n\n  if (browserInfo.browserName ===
  'android' && browserInfo.samsungBrowser) {\n    browserInfo.browserName = 'and_chr';\n
  browserInfo.browserVersion = 44;\n  }\n\n  return browserInfo;\n}\n\nmodule.exports = exports['default'];\n\n/*!\n *
  Browser - a browser detector\n * https://github.com/ded/browser\n * MIT License | (c) Dustin Diaz 2015\n
  *\n\nfunction (root, name, definition) {\n  if (typeof module !== 'undefined' && module.exports) module.exports =
  definition();else if (typeof define === 'function' && define.amd) define(name, definition);else root[name] =
  definition();\n}(this, 'browser', function () {\n  /**\n   * See useragents.js for examples of navigator.userAgent\n
  *\n  var t = true;\n\n  function detect(ua) {\n    function getFirstMatch(regex) {\n      var match = ua.match(regex);\n
      return match && match.length > 1 && match[1] || "";\n    }\n\n    function getSecondMatch(regex) {\n      var
      match = ua.match(regex);\n      return match && match.length > 1 && match[2] || "";\n    }\n\n    var iosdevice =
  getFirstMatch(/(ipod|iphone|ipad)/i).toLowerCase(),\n      likeAndroid = /like android/i.test(ua),\n      android =
  !likeAndroid && /android/i.test(ua),\n      nexusMobile = /nexus\\s*[0-6]\\s*/i.test(ua),\n      nexusTablet =
  !nexusMobile && /nexus\\s*[0-9]+/i.test(ua),\n      chromeos = /CrOS/.test(ua),\n      silk = /silk/i.test(ua),\n
  sailfish = /sailfish/i.test(ua),\n      tizen = /tizen/i.test(ua),\n      webos = /(web|hpw)(o|0)s/i.test(ua),\n
  windowsphone = /windows phone/i.test(ua),\n      samsungBrowser = /SamsungBrowser/i.test(ua),\n      windows
  = !windowsphone && /windows/i.test(ua),\n      mac = !iosdevice && !silk && /macintosh/i.test(ua),\n      linux
  = !android && !sailfish && !tizen && !webos && /linux/i.test(ua),\n      edgeVersion =
  getSecondMatch(/edg([ea])ios)/i),\n      versionIdentifier =
  getFirstMatch(/version\\s*(\\d+(\\.\\d+)?)i),\n      tablet = /tablet/i.test(ua) && !/tablet pc/i.test(ua),\n      mobile =
  !tablet && /^[^-]mobi/i.test(ua),\n      xbox = /xbox/i.test(ua),\n      result;\n\n    if (/opera/i.test(ua)) {\n      // an
      old Opera\n      result = {\n        name: 'Opera',\n        opera: t,\n        version: versionIdentifier ||
  getFirstMatch(/(?:opera|opr|opios)[\\s\\/]((\\d+(\\.\\d+)?)i) );\n    } else if (/opr\\s*/i.test(ua)) {\n      // a new
      Opera\n      result = {\n        name: 'Opera',\n        opera: t,\n        version:
  getFirstMatch(/(?:opr|opios)[\\s\\/]((\\d+(\\.\\d+)?)i) || versionIdentifier\n    );\n    } else if
  (/SamsungBrowser/i.test(ua)) {\n      result = {\n        name: 'Samsung Internet for Android',\n        samsungBrowser:
  t,\n        version: versionIdentifier || getFirstMatch(/(?:SamsungBrowser)[\\s\\/]((\\d+(\\.\\d+)?)i) );\n    } else if
  (/Whale/i.test(ua)) {\n      result = {\n        name: 'NAVER Whale browser',\n        whale: t,\n        version:
  getFirstMatch(/(?:whale)[\\s\\/]((\\d+(?:\\.\\d+)+)i) );\n    } else if (/MZBrowser/i.test(ua)) {\n      result = {\n

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name: 'MZ Browser',\n    mzbrowser: t,\n    version: getFirstMatch(/(?:MZBrowser)[\s\|](\d+(?:\.\d+)+)/i)\n
};\n } else if (/coast/i.test(ua)) {\n    result = {\n    name: 'Opera Coast',\n    coast: t,\n    version:
versionIdentifier || getFirstMatch(/(?:coast)[\s\|](\d+(\.\d+)?)i)\n    };\n } else if (/focus/i.test(ua)) {\n    result
= {\n    name: 'Focus',\n    focus: t,\n    version: getFirstMatch(/(?:focus)[\s\|](\d+(?:\.\d+)+)/i)\n    };\n
} else if (/yabrowser/i.test(ua)) {\n    result = {\n    name: 'Yandex Browser',\n    yandexbrowser: t,\n
version: versionIdentifier || getFirstMatch(/(?:yabrowser)[\s\|](\d+(\.\d+)?)i)\n    };\n } else if
(/ucbrowser/i.test(ua)) {\n    result = {\n    name: 'UC Browser',\n    ucbrowser: t,\n    version:
getFirstMatch(/(?:ucbrowser)[\s\|](\d+(?:\.\d+)+)/i)\n    };\n } else if (/mxios/i.test(ua)) {\n    result = {\n
name: 'Maxthon',\n    maxthon: t,\n    version: getFirstMatch(/(?:mxios)[\s\|](\d+(?:\.\d+)+)/i)\n    };\n }
else if (/epiphany/i.test(ua)) {\n    result = {\n    name: 'Epiphany',\n    epiphany: t,\n    version:
getFirstMatch(/(?:epiphany)[\s\|](\d+(?:\.\d+)+)/i)\n    };\n } else if (/puffin/i.test(ua)) {\n    result = {\n
name: 'Puffin',\n    puffin: t,\n    version: getFirstMatch(/(?:puffin)[\s\|](\d+(?:\.\d+)?)/i)\n    };\n } else if
(/sleipnir/i.test(ua)) {\n    result = {\n    name: 'Sleipnir',\n    sleipnir: t,\n    version:
getFirstMatch(/(?:sleipnir)[\s\|](\d+(?:\.\d+)+)/i)\n    };\n } else if (/k-meleon/i.test(ua)) {\n    result = {\n
name: 'K-Meleon',\n    kMeleon: t,\n    version: getFirstMatch(/(?:k-meleon)[\s\|](\d+(?:\.\d+)+)/i)\n    };\n
} else if (windowsphone) {\n    result = {\n    name: 'Windows Phone',\n    osname: 'Windows Phone',\n
windowsphone: t\n    };\n\n    if (edgeVersion) {\n    result.msedge = t;\n    result.version = edgeVersion;\n
} else {\n    result.msie = t;\n    result.version = getFirstMatch(/iemobile\|(\d+(\.\d+)?)i);\n    }\n } else if
(/msie|trident/i.test(ua)) {\n    result = {\n    name: 'Internet Explorer',\n    msie: t,\n    version:
getFirstMatch(/(?:msie|rv:)(\d+(\.\d+)?)i)\n    };\n } else if (chromeos) {\n    result = {\n    name:
'Chrome',\n    osname: 'Chrome OS',\n    chromeos: t,\n    chromeBook: t,\n    chrome: t,\n    version:
getFirstMatch(/(?:chrome|crios|crmo)\|(\d+(\.\d+)?)i)\n    };\n } else if (/edg([ea])ios/i.test(ua)) {\n    result =
{\n    name: 'Microsoft Edge',\n    msedge: t,\n    version: edgeVersion\n    };\n } else if (/vivaldi/i.test(ua))
{\n    result = {\n    name: 'Vivaldi',\n    vivaldi: t,\n    version: getFirstMatch(/vivaldi\|(\d+(\.\d+)?)i) ||
versionIdentifier\n    };\n } else if (sailfish) {\n    result = {\n    name: 'Sailfish',\n    osname: 'Sailfish OS',\n
sailfish: t,\n    version: getFirstMatch(/sailfish\|s?browser\|(\d+(\.\d+)?)i)\n    };\n } else if
(/seamonkey\|/i.test(ua)) {\n    result = {\n    name: 'SeaMonkey',\n    seamonkey: t,\n    version:
getFirstMatch(/seamonkey\|(\d+(\.\d+)?)i)\n    };\n } else if (/firefox|iceweasel|fxios/i.test(ua)) {\n    result =
{\n    name: 'Firefox',\n    firefox: t,\n    version: getFirstMatch(/(?:firefox|iceweasel|fxios)[
\|](\d+(\.\d+)?)i)\n    };\n\n    if (/^(mobile|tablet);[^\|]*rv:[\d.]+\|/i.test(ua)) {\n    result.firefoxos = t;\n
result.osname = 'Firefox OS';\n    }\n } else if (silk) {\n    result = {\n    name: 'Amazon Silk',\n    silk:
t,\n    version: getFirstMatch(/silk\|(\d+(\.\d+)?)i)\n    };\n } else if (/phantom/i.test(ua)) {\n    result = {\n
name: 'PhantomJS',\n    phantom: t,\n    version: getFirstMatch(/phantomjs\|(\d+(\.\d+)?)i)\n    };\n }
else if (/slimerjs/i.test(ua)) {\n    result = {\n    name: 'SlimerJS',\n    slimer: t,\n    version:
getFirstMatch(/slimerjs\|(\d+(\.\d+)?)i)\n    };\n } else if (/blackberry\|bbb\d+/i.test(ua) ||
/rim\|stabled/i.test(ua)) {\n    result = {\n    name: 'BlackBerry',\n    osname: 'BlackBerry OS',\n
blackberry: t,\n    version: versionIdentifier || getFirstMatch(/blackberry[\d]+\|(\d+(\.\d+)?)i)\n    };\n } else
if (webos) {\n    result = {\n    name: 'WebOS',\n    osname: 'WebOS',\n    webos: t,\n    version:
versionIdentifier || getFirstMatch(/w(?:eb)?osbrowser\|(\d+(\.\d+)?)i)\n    };\n    /touchpad\|/i.test(ua) &&
(result.touchpad = t);\n    } else if (/bada/i.test(ua)) {\n    result = {\n    name: 'Bada',\n    osname: 'Bada',\n
bada: t,\n    version: getFirstMatch(/dolfin\|(\d+(\.\d+)?)i)\n    };\n } else if (tizen) {\n    result = {\n
name: 'Tizen',\n    osname: 'Tizen',\n    tizen: t,\n    version:
getFirstMatch(/(?:tizen\s)?browser\|(\d+(\.\d+)?)i) || versionIdentifier\n    };\n } else if (/qupzilla/i.test(ua))
{\n    result = {\n    name: 'QupZilla',\n    qupzilla: t,\n    version:
getFirstMatch(/(?:qupzilla)[\s\|](\d+(?:\.\d+)+)/i) || versionIdentifier\n    };\n } else if (/chromium/i.test(ua))
{\n    result = {\n    name: 'Chromium',\n    chromium: t,\n    version:
getFirstMatch(/(?:chromium)[\s\|](\d+(?:\.\d+)?)/i) || versionIdentifier\n    };\n } else if
(/chrome|crios|crmo/i.test(ua)) {\n    result = {\n    name: 'Chrome',\n    chrome: t,\n    version:

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getFirstMatch(/(?:chrome|crios|crmo)\|(\d+(\.\d+)?)i)\n    }; \n    } else if (android) { \n    result = { \n    name:
'Android', \n    version: versionIdentifier \n    }; \n    } else if (/safari|applewebkit/i.test(ua)) { \n    result = { \n
name: 'Safari', \n    safari: t \n    }; \n    \n    if (versionIdentifier) { \n    result.version = versionIdentifier; \n    } \n
} else if (iosdevice) { \n    result = { \n    name: iosdevice == 'iphone' ? 'iPhone' : iosdevice == 'ipad' ? 'iPad' :
'iPod' // WTF: version is not part of user agent in web apps \n    }; \n    \n    if (versionIdentifier) { \n
result.version = versionIdentifier; \n    } \n    } else if (/googlebot/i.test(ua)) { \n    result = { \n    name:
'Googlebot', \n    googlebot: t, \n    version: getFirstMatch(/googlebot\|(\d+(\.\d+)?)i) || versionIdentifier \n
}; \n    } else { \n    result = { \n    name: getFirstMatch(/^(.*)\|(.*)/), \n    version: getSecondMatch(/^(.*)\|(.*)
/)\n    }; \n    } // set webkit or gecko flag for browsers based on these engines \n    \n    if (!result.msedge &&
/(apple)?webkit/i.test(ua)) { \n    if (/apple)?webkit\|537\|36/i.test(ua)) { \n    result.name = result.name ||
'\"Blink\"'; \n    result.blink = t; \n    } else { \n    result.name = result.name || '\"Webkit\"'; \n    result.webkit =
t; \n    } \n    \n    if (!result.version && versionIdentifier) { \n    result.version = versionIdentifier; \n    } \n    } else
if (!result.opera && /gecko\|/i.test(ua)) { \n    result.name = result.name || '\"Gecko\"'; \n    result.gecko = t; \n
result.version = result.version || getFirstMatch(/gecko\|(\d+(\.\d+)?)i); \n    } // set OS flags for platforms that have
multiple browsers \n    \n    if (!result.windowsphone && (android || result.silk)) { \n    result.android = t; \n
result.osname = 'Android'; \n    } else if (!result.windowsphone && iosdevice) { \n    result[iosdevice] = t; \n
result.ios = t; \n    result.osname = 'iOS'; \n    } else if (mac) { \n    result.mac = t; \n    result.osname = 'macOS'; \n
} else if (xbox) { \n    result.xbox = t; \n    result.osname = 'Xbox'; \n    } else if (windows) { \n    result.windows =
t; \n    result.osname = 'Windows'; \n    } else if (linux) { \n    result.linux = t; \n    result.osname = 'Linux'; \n    } \n    } \n
function getWindowsVersion(s) { \n    switch (s) { \n    case 'NT': \n    return 'NT'; \n    \n    case 'XP': \n
return 'XP'; \n    \n    case 'NT 5.0': \n    return '2000'; \n    \n    case 'NT 5.1': \n    return 'XP'; \n    \n    case 'NT
5.2': \n    return '2003'; \n    \n    case 'NT 6.0': \n    return 'Vista'; \n    \n    case 'NT 6.1': \n    return '7'; \n    \n
case 'NT 6.2': \n    return '8'; \n    \n    case 'NT 6.3': \n    return '8.1'; \n    \n    case 'NT 10.0': \n    return
'10'; \n    \n    default: \n    return undefined; \n    } \n    } // OS version extraction \n    \n    var osVersion = ""; \n
if (result.windows) { \n    osVersion = getWindowsVersion(getFirstMatch(/Windows ((NT|XP)(\d|\d?\d)?)/i)); \n
} else if (result.windowsphone) { \n    osVersion = getFirstMatch(/windows phone (?:\s)?\|s?(\d+(\.\d+)*)/i); \n
} else if (result.mac) { \n    osVersion = getFirstMatch(/Mac OS X (\d+([\s\|s]\d+)*)/i); \n    osVersion =
osVersion.replace(/[\s\|s]/g, '.'); \n    } else if (iosdevice) { \n    osVersion = getFirstMatch(/os (\d+([\s\|s]\d+)*
) like mac os x/i); \n    osVersion = osVersion.replace(/[\s\|s]/g, '.'); \n    } else if (android) { \n    osVersion =
getFirstMatch(/android[ \-](\d+(\.\d+)*)/i); \n    } else if (result.webos) { \n    osVersion =
getFirstMatch(/(?:web|hpw)os\|(\d+(\.\d+)*)/i); \n    } else if (result.blackberry) { \n    osVersion =
getFirstMatch(/rim\|stabet\|sos\|s(\d+(\.\d+)*)/i); \n    } else if (result.bada) { \n    osVersion =
getFirstMatch(/bada\|(\d+(\.\d+)*)/i); \n    } else if (result.tizen) { \n    osVersion =
getFirstMatch(/tizen[ \-](\d+(\.\d+)*)/i); \n    } \n    } \n    if (osVersion) { \n    result.osversion = osVersion; \n    } //
device type extraction \n    \n    var osMajorVersion = !result.windows && osVersion.split('.')[0]; \n    \n    if (tablet ||
nexusTablet || iosdevice == 'ipad' || android && (osMajorVersion == 3 || osMajorVersion >= 4 && !mobile) ||
result.silk) { \n    result.tablet = t; \n    } else if (mobile || iosdevice == 'iphone' || iosdevice == 'ipod' || android ||
nexusMobile || result.blackberry || result.webos || result.bada) { \n    result.mobile = t; \n    } // Graded Browser
Support \n    // http://developer.yahoo.com/yui/articles/gbs \n    \n    if (result.msedge || result.msie && result.version
>= 10 || result.yandexbrowser && result.version >= 15 || result.vivaldi && result.version >= 1.0 || result.chrome &&
result.version >= 20 || result.samsungBrowser && result.version >= 4 || result.whale &&
compareVersions([result.version, '1.0']) === 1 || result.mzbrowser && compareVersions([result.version, '6.0']) ===
1 || result.focus && compareVersions([result.version, '1.0']) === 1 || result.firefox && result.version >= 20.0 ||
result.safari && result.version >= 6 || result.opera && result.version >= 10.0 || result.ios && result.osversion &&
result.osversion.split('.')[0] >= 6 || result.blackberry && result.version >= 10.1 || result.chromium &&
result.version >= 20) { \n    result.a = t; \n    } else if (result.msie && result.version < 10 || result.chrome &&
result.version < 20 || result.firefox && result.version < 20.0 || result.safari && result.version < 6 || result.opera &&
result.version < 10.0 || result.ios && result.osversion && result.osversion.split('.')[0] < 6 || result.chromium &&

```

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result.version < 20) {\n    result.c = t;\n    } else result.x = t;\n    return result;\n  }\n\n  var browser = detect(typeof
navigator !== 'undefined' ? navigator.userAgent || " : ");\n\n  browser.test = function (browserList) {\n    for (var i = 0;
i < browserList.length; ++i) {\n    var browserItem = browserList[i];\n    if (typeof browserItem === 'string') {\n
    if (browserItem in browser) {\n    return true;\n    }\n    }\n    return false;\n  };\n  /**\n  * Get
version precisions count\n  * @example\n  * getVersionPrecision("1.10.3") // 3\n  * @param {string}
version\n  * @return {number}\n  */\n\n  function getVersionPrecision(version) {\n    return
version.split(".").length;\n  }\n  /**\n  * Array::map polyfill\n  * @param {Array} arr\n  * @param
{Function} iterator\n  * @return {Array}\n  */\n\n  function map(arr, iterator) {\n    var result = [],\n    i;\n    if (Array.prototype.map) {\n    return Array.prototype.map.call(arr, iterator);\n    }\n    for (i = 0; i < arr.length;
i++) {\n    result.push(iterator(arr[i]));\n    }\n    return result;\n  }\n  /**\n  * Calculate browser version weight\n
*\n  * @example\n  * compareVersions(['1.10.2.1', '1.8.2.1.90']) // 1\n  * compareVersions(['1.010.2.1',
'1.09.2.1.90']); // 1\n  * compareVersions(['1.10.2.1', '1.10.2.1']); // 0\n  * compareVersions(['1.10.2.1',
'1.0800.2']); // -1\n  * @param {Array<String>} versions versions to compare\n  * @return {Number}
comparison result\n  */\n\n  function compareVersions(versions) {\n    // 1) get common precision for both
versions, for example for "10.0" and "9" it should be 2\n    var precision =
Math.max(getVersionPrecision(versions[0]), getVersionPrecision(versions[1]));\n    var chunks = map(versions,
function (version) {\n    var delta = precision - getVersionPrecision(version); // 2) "9" -> "9.0" (for precision =
2)\n    version = version + new Array(delta + 1).join(".0"); // 3) "9.0" -> ["000000000", "000000009"]\n    return map(version.split("."), function (chunk) {\n    return new Array(20 - chunk.length).join("0") +
chunk;\n    }).reverse();\n    }); // iterate in reverse order by reversed chunks array\n    while (--precision >= 0) {\n
// 4) compare: "000000009" > "000000010" = false (but "9" > "10" = true)\n    if (chunks[0][precision] >
chunks[1][precision]) {\n    return 1;\n    } else if (chunks[0][precision] === chunks[1][precision]) {\n    if
(precision === 0) {\n    // all version chunks are same\n    return 0;\n    }\n    } else {\n    return -1;\n
}\n  }\n  }\n  /**\n  * Check if browser is unsupported\n  * @example\n  *
browser.isUnsupportedBrowser({\n  * msie: "10",\n  * firefox: "23",\n  * chrome: "29",\n  * safari:
"5.1",\n  * opera: "16",\n  * phantom: "534"\n  * });\n  * @param {Object} minVersions map of
minimal version to browser\n  * @param {Boolean} [strictMode = false] flag to return false if browser wasn't
found in map\n  * @param {String} [ua] user agent string\n  * @return {Boolean}\n  */\n\n  function
isUnsupportedBrowser(minVersions, strictMode, ua) {\n    var _browser = browser; // make strictMode param
optional with ua param usage\n    if (typeof strictMode === 'string') {\n    ua = strictMode;\n    strictMode =
void 0;\n    }\n    if (strictMode === void 0) {\n    strictMode = false;\n    }\n    if (ua) {\n    _browser =
detect(ua);\n    }\n    var version = "" + _browser.version;\n    for (var browser in minVersions) {\n    if
(minVersions.hasOwnProperty(browser)) {\n    if (_browser[browser]) {\n    if (typeof minVersions[browser]
!== 'string') {\n    throw new Error('Browser version in the minVersion map should be a string: ' + browser + ': '
+ String(minVersions));\n    } // browser version and min supported version.\n    return
compareVersions([version, minVersions[browser]]) < 0;\n    }\n    }\n    }\n    return strictMode; // not found\n
}\n  /**\n  * Check if browser is supported\n  * @param {Object} minVersions map of minimal version to
browser\n  * @param {Boolean} [strictMode = false] flag to return false if browser wasn't found in map\n  *
@param {String} [ua] user agent string\n  * @return {Boolean}\n  */\n\n  function check(minVersions,
strictMode, ua) {\n    return !isUnsupportedBrowser(minVersions, strictMode, ua);\n  }\n\n  browser.isUnsupportedBrowser = isUnsupportedBrowser;\n  browser.compareVersions = compareVersions;\n
  browser.check = check;\n  /**\n  * Set our detect method to the main browser object so we can\n  * reuse it to test
other user agents.\n  * This is needed to implement future tests.\n  */\n  browser._detect = detect;\n  /**\n  * Set
our detect public method to the main browser object\n  * This is needed to implement browser in server side\n  */\n
  browser.detect = detect;\n  return browser;\n});", "module.exports = function() {\n  throw new Error("define cannot
be used indirect");\n};\n", "use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\n\nexports.default = getPrefixedKeyframes;\n\nfunction getPrefixedKeyframes(browserName,
browserVersion, cssPrefix) {\n  var prefixedKeyframes = 'keyframes';\n  if (browserName === 'chrome' &&

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browserVersion < 43 || (browserName === 'safari' || browserName === 'ios_saf') && browserVersion < 9 ||
browserName === 'opera' && browserVersion < 30 || browserName === 'android' && browserVersion <= 4.4 ||
browserName === 'and_uc') {\n  return cssPrefix + prefixedKeyframes;\n }\n\n return
prefixedKeyframes;\n}\n\nmodule.exports = exports['default'];\n\n\n'use strict';\n\n\nObject.defineProperty(exports,
'__esModule', {\n  value: true;\n});\n\n\nvar _calc = require('inline-style-prefixer/dynamic/plugins/calc');\n\n\nvar
_calc2 = _interopRequireDefault(_calc);\n\n\nvar _flex = require('inline-style-prefixer/dynamic/plugins/flex');\n\n\nvar
_flex2 = _interopRequireDefault(_flex);\n\n\nvar _flexboxIE = require('inline-style-
prefixer/dynamic/plugins/flexboxIE');\n\n\nvar _flexboxIE2 = _interopRequireDefault(_flexboxIE);\n\n\nvar
_flexboxOld = require('inline-style-prefixer/dynamic/plugins/flexboxOld');\n\n\nvar _flexboxOld2 =
_interopRequireDefault(_flexboxOld);\n\n\nvar _gradient = require('inline-style-
prefixer/dynamic/plugins/gradient');\n\n\nvar _gradient2 = _interopRequireDefault(_gradient);\n\n\nvar _sizing =
require('inline-style-prefixer/dynamic/plugins/sizing');\n\n\nvar _sizing2 = _interopRequireDefault(_sizing);\n\n\nvar
_transition = require('inline-style-prefixer/dynamic/plugins/transition');\n\n\nvar _transition2 =
_interopRequireDefault(_transition);\n\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n  };\n}\n\n\nexports.default = {\n  plugins: [_calc2.default, _flex2.default,
_flexboxIE2.default, _flexboxOld2.default, _gradient2.default, _sizing2.default, _transition2.default],\n  prefixMap:
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"flexBasis": 11,\n  "flexDirection": 11,\n  "flexGrow": 11,\n  "flexFlow": 11,\n  "flexShrink": 11,\n
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"maskBorderRepeat": 11,\n  "maskBorder": 11,\n  "maskType": 11,\n  "textSizeAdjust": 11,\n
"filter": 11,\n  "hyphens": 11,\n  "flowInto": 11,\n  "flowFrom": 11,\n  "breakBefore": 11,\n
"breakAfter": 11,\n  "breakInside": 11,\n  "regionFragment": 11,\n  "fontFeatureSettings": 11,\n
"columnCount": 11,\n  "columnFill": 11,\n  "columnGap": 11,\n  "columnRule": 11,\n
"columnRuleColor": 11,\n  "columnRuleStyle": 11,\n  "columnRuleWidth": 11,\n  "columns": 11,\n
"columnSpan": 11,\n  "columnWidth": 11\n },\n  "op_mini": {\n  }\n};\n/* eslint-disable */,"use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\nexports.default = calc;\n\nvar
_getPrefixedValue = require('../utils/getPrefixedValue');\n\nvar _getPrefixedValue2 =
_interopRequireDefault(_getPrefixedValue);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction calc(property, value, style, _ref) {\n  var browserName
= _ref.browserName,\n    browserVersion = _ref.browserVersion,\n    cssPrefix = _ref.cssPrefix,\n    keepUnprefixed = _ref.keepUnprefixed;\n\n  if (typeof value === 'string' && value.indexOf('calc()') > -1 &&
(browserName === 'firefox' && browserVersion < 15 || browserName === 'chrome' && browserVersion < 25 ||
browserName === 'safari' && browserVersion < 6.1 || browserName === 'ios_saf' && browserVersion < 7)) {\n    return (0, _getPrefixedValue2.default)(value.replace(/calc\\(\\(\\/g, cssPrefix + 'calc()', value, keepUnprefixed);\n  }\n}\n\nmodule.exports = exports['default'];\n/* use strict */\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nexports.default = flex;\n\nvar _getPrefixedValue = require('../utils/getPrefixedValue');\n\nvar _getPrefixedValue2 = _interopRequireDefault(_getPrefixedValue);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar values = {\n  flex: true,\n  'inline-flex':
true\n};\n\nfunction flex(property, value, style, _ref) {\n  var browserName = _ref.browserName,\n    browserVersion = _ref.browserVersion,\n    cssPrefix = _ref.cssPrefix,\n    keepUnprefixed =
_ref.keepUnprefixed;\n\n  if (property === 'display' && values[value] && (browserName === 'chrome' &&
browserVersion < 29 && browserVersion > 20 || (browserName === 'safari' || browserName === 'ios_saf') &&

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browserVersion < 9 && browserVersion > 6 || browserName === 'opera' && (browserVersion === 15 ||
browserVersion === 16))) {\n  return (0, _getPrefixedValue2.default)(cssPrefix + value, value, keepUnprefixed);\n
}\n}\n\nmodule.exports = exports['default'];", "use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n
value: true\n});\n\nexports.default = flexboxIE;\n\nvar _getPrefixedValue =
require('../utils/getPrefixedValue');\n\nvar _getPrefixedValue2 =
_interopRequireDefault(_getPrefixedValue);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar alternativeValues = {\n  'space-around': 'distribute',\n
'space-between': 'justify',\n  'flex-start': 'start',\n  'flex-end': 'end',\n  flex: 'flexbox',\n  'inline-flex': 'inline-
flexbox'\n};\n\nvar alternativeProps = {\n  alignContent: 'msFlexLinePack',\n  alignSelf: 'msFlexItemAlign',\n
alignItems: 'msFlexAlign',\n  justifyContent: 'msFlexPack',\n  order: 'msFlexOrder',\n  flexGrow: 'msFlexPositive',\n
flexShrink: 'msFlexNegative',\n  flexBasis: 'msFlexPreferredSize'\n};\n\nfunction flexboxIE(property, value, style,
_ref) {\n  var browserName = _ref.browserName,\n    browserVersion = _ref.browserVersion,\n    cssPrefix =
_ref.cssPrefix,\n    keepUnprefixed = _ref.keepUnprefixed,\n    requiresPrefix = _ref.requiresPrefix;\n\n  if
((alternativeProps.hasOwnProperty(property) || property === 'display' && typeof value === 'string' &&
value.indexOf('flex') > -1) && (browserName === 'ie_mob' || browserName === 'ie') && browserVersion === 10)
{\n    delete requiresPrefix[property];\n\n    if (!keepUnprefixed && !Array.isArray(style[property])) {\n      delete
style[property];\n    }\n\n    if (property === 'display' && alternativeValues.hasOwnProperty(value)) {\n      return
(0, _getPrefixedValue2.default)(cssPrefix + alternativeValues[value], value, keepUnprefixed);\n    }\n\n    if
(alternativeProps.hasOwnProperty(property)) {\n      style[alternativeProps[property]] = alternativeValues[value] ||
value;\n    }\n  }\n}\n\nmodule.exports = exports['default'];", "use strict";\n\nObject.defineProperty(exports,
\"__esModule\", {\n  value: true\n});\n\nexports.default = flexboxOld;\n\nvar _getPrefixedValue =
require('../utils/getPrefixedValue');\n\nvar _getPrefixedValue2 =
_interopRequireDefault(_getPrefixedValue);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar alternativeValues = {\n  'space-around': 'justify',\n
'space-between': 'justify',\n  'flex-start': 'start',\n  'flex-end': 'end',\n  'wrap-reverse': 'multiple',\n  wrap: 'multiple',\n
flex: 'box',\n  'inline-flex': 'inline-box'\n};\n\nvar alternativeProps = {\n  alignItems: 'WebkitBoxAlign',\n
justifyContent: 'WebkitBoxPack',\n  flexWrap: 'WebkitBoxLines'\n};\n\nvar otherProps = ['alignContent', 'alignSelf', 'order',
'flexGrow', 'flexShrink', 'flexBasis', 'flexDirection'];\n\nvar properties =
Object.keys(alternativeProps).concat(otherProps);\n\nfunction flexboxOld(property, value, style, _ref) {\n  var
browserName = _ref.browserName,\n    browserVersion = _ref.browserVersion,\n    cssPrefix = _ref.cssPrefix,\n
keepUnprefixed = _ref.keepUnprefixed,\n    requiresPrefix = _ref.requiresPrefix;\n\n  if
((properties.indexOf(property) > -1 || property === 'display' && typeof value === 'string' && value.indexOf('flex')
> -1) && (browserName === 'firefox' && browserVersion < 22 || browserName === 'chrome' && browserVersion
< 21 || (browserName === 'safari' || browserName === 'ios_saf') && browserVersion <= 6.1 || browserName ===
'android' && browserVersion < 4.4 || browserName === 'and_uc')) {\n    delete requiresPrefix[property];\n\n    if
(!keepUnprefixed && !Array.isArray(style[property])) {\n      delete style[property];\n    }\n\n    if (property ===
'flexDirection' && typeof value === 'string') {\n      if (value.indexOf('column') > -1) {\n
style.WebkitBoxOrient = 'vertical';\n      } else {\n        style.WebkitBoxOrient = 'horizontal';\n      }\n\n      if
(value.indexOf('reverse') > -1) {\n        style.WebkitBoxDirection = 'reverse';\n      } else {\n
style.WebkitBoxDirection = 'normal';\n      }\n    }\n\n    if (property === 'display' &&
alternativeValues.hasOwnProperty(value)) {\n      return (0, _getPrefixedValue2.default)(cssPrefix +
alternativeValues[value], value, keepUnprefixed);\n    }\n\n    if (alternativeProps.hasOwnProperty(property)) {\n
style[alternativeProps[property]] = alternativeValues[value] || value;\n    }\n  }\n}\n\nmodule.exports =
exports['default'];", "use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value:
true\n});\n\nexports.default = gradient;\n\nvar _getPrefixedValue = require('../utils/getPrefixedValue');\n\nvar
_getPrefixedValue2 = _interopRequireDefault(_getPrefixedValue);\n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar values = /linear-gradient|radial-
gradient|repeating-linear-gradient|repeating-radial-gradient/;\n\nfunction gradient(property, value, style, _ref) {\n

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var browserName = _ref.browserName,\n    browserVersion = _ref.browserVersion,\n    cssPrefix =
_ref.cssPrefix,\n    keepUnprefixed = _ref.keepUnprefixed;\n\n if (typeof value === 'string' && values.test(value)
&& (browserName === 'firefox' && browserVersion < 16 || browserName === 'chrome' && browserVersion < 26 ||
(browserName === 'safari' || browserName === 'ios_saf') && browserVersion < 7 || (browserName === 'opera' ||
browserName === 'op_mini') && browserVersion < 12.1 || browserName === 'android' && browserVersion < 4.4 ||
browserName === 'and_uc')) {\n    return (0, _getPrefixedValue2.default)(cssPrefix + value, value,
keepUnprefixed);\n  }\n}\n\nmodule.exports = exports['default'];\n\n\"use strict\";\n\nObject.defineProperty(exports,
\"__esModule\", {\n  value: true\n});\n\nexports.default = sizing;\n\nvar _getPrefixedValue =
require(\"../../utils/getPrefixedValue\");\n\nvar _getPrefixedValue2 =
_interopRequireDefault(_getPrefixedValue);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };}\n\nvar properties = {\n  maxHeight: true,\n  maxWidth: true,\n  width: true,\n  height: true,\n  columnWidth: true,\n  minWidth: true,\n  minHeight: true\n};\n\nvar values = {\n  'min-
content': true,\n  'max-content': true,\n  'fill-available': true,\n  'fit-content': true,\n  'contain-floats': true // TODO:
chrome & opera support it\n};\n\nfunction sizing(property, value, style, _ref) {\n  var cssPrefix = _ref.cssPrefix,\n
keepUnprefixed = _ref.keepUnprefixed; // This might change in the future\n // Keep an eye on it\n\n if
(properties.hasOwnProperty(property) && values.hasOwnProperty(value)) {\n    return (0,
_getPrefixedValue2.default)(cssPrefix + value, value, keepUnprefixed);\n  }\n}\n\nmodule.exports =
exports['default'];\n\n\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value:
true\n});\n\nexports.default = transition;\n\nvar _hyphenateProperty = require('css-in-js-
utils/lib/hyphenateProperty');\n\nvar _hyphenateProperty2 =
_interopRequireDefault(_hyphenateProperty);\n\nfunction _interopRequireDefault(obj) {\n  return obj &&
obj.__esModule ? obj : {\n    default: obj\n  };}\n\nvar properties = {\n  transition: true,\n  transitionProperty:
true,\n  WebkitTransition: true,\n  WebkitTransitionProperty: true,\n  MozTransition: true,\n
MozTransitionProperty: true\n};\n\nvar requiresPrefixDashCased = void 0;\n\nfunction transition(property, value,
style, _ref) {\n  var cssPrefix = _ref.cssPrefix,\n    keepUnprefixed = _ref.keepUnprefixed,\n    requiresPrefix =
_ref.requiresPrefix;\n\n if (typeof value === 'string' && properties.hasOwnProperty(property)) {\n // memoize the
prefix array for later use\n if (!requiresPrefixDashCased) {\n    requiresPrefixDashCased =
Object.keys(requiresPrefix).map(function (prop) {\n    return (0, _hyphenateProperty2.default)(prop);\n  });\n
} // only split multi values, not cubic beziers\n\n    var multipleValues =
value.split(/,(?![^\^)]*(?:\\([^\^)]*\))?\)/g);\n    requiresPrefixDashCased.forEach(function (prop) {\n
multipleValues.forEach(function (val, index) {\n    if (val.indexOf(prop) > -1 && prop !== 'order') {\n
multipleValues[index] = val.replace(prop, cssPrefix + prop) + (keepUnprefixed ? ';' + val : '');\n    }\n  });\n
}\n    return multipleValues.join(',')\n  }\n}\n\nmodule.exports = exports['default'];\n\n\"use strict\";\n\nvar
uppercasePattern = /[A-Z]/g;\n\nvar msPattern = /^ms-/;\n\nvar cache = {};\n\nfunction hyphenateStyleName(string) {\n
return string in cache ? cache[string] : cache[string] = string.replace(uppercasePattern, '-'
$&').toLowerCase().replace(msPattern, '-ms-');\n}\n\nmodule.exports = hyphenateStyleName;\n\n\"use
strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _calc = require('inline-style-
prefixer/static/plugins/calc');\n\nvar _calc2 = _interopRequireDefault(_calc);\n\nvar _flex = require('inline-style-
prefixer/static/plugins/flex');\n\nvar _flex2 = _interopRequireDefault(_flex);\n\nvar _flexboxIE = require('inline-
style-prefixer/static/plugins/flexboxIE');\n\nvar _flexboxIE2 = _interopRequireDefault(_flexboxIE);\n\nvar
_flexboxOld = require('inline-style-prefixer/static/plugins/flexboxOld');\n\nvar _flexboxOld2 =
_interopRequireDefault(_flexboxOld);\n\nvar _gradient = require('inline-style-
prefixer/static/plugins/gradient');\n\nvar _gradient2 = _interopRequireDefault(_gradient);\n\nvar _sizing =
require('inline-style-prefixer/static/plugins/sizing');\n\nvar _sizing2 = _interopRequireDefault(_sizing);\n\nvar
_transition = require('inline-style-prefixer/static/plugins/transition');\n\nvar _transition2 =
_interopRequireDefault(_transition);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n  };}\n\nexports.default = {\n  plugins: [_calc2.default, _flex2.default,
_flexboxIE2.default, _flexboxOld2.default, _gradient2.default, _sizing2.default, _transition2.default],\n  prefixMap:

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{\n  \"transform\": [\"Webkit\", \"ms\"],\n  \"transformOrigin\": [\"Webkit\", \"ms\"],\n  \"transformOriginX\": [\"Webkit\", \"ms\"],\n  \"transformOriginY\": [\"Webkit\", \"ms\"],\n  \"backfaceVisibility\": [\"Webkit\"],\n  \"perspective\": [\"Webkit\"],\n  \"perspectiveOrigin\": [\"Webkit\"],\n  \"transformStyle\": [\"Webkit\"],\n  \"transformOriginZ\": [\"Webkit\"],\n  \"animation\": [\"Webkit\"],\n  \"animationDelay\": [\"Webkit\"],\n  \"animationDirection\": [\"Webkit\"],\n  \"animationFillMode\": [\"Webkit\"],\n  \"animationDuration\": [\"Webkit\"],\n  \"animationIterationCount\": [\"Webkit\"],\n  \"animationName\": [\"Webkit\"],\n  \"animationPlayState\": [\"Webkit\"],\n  \"animationTimingFunction\": [\"Webkit\"],\n  \"appearance\": [\"Webkit\", \"Moz\"],\n  \"userSelect\": [\"Webkit\", \"Moz\", \"ms\"],\n  \"fontKerning\": [\"Webkit\"],\n  \"textEmphasisPosition\": [\"Webkit\"],\n  \"textEmphasis\": [\"Webkit\"],\n  \"textEmphasisStyle\": [\"Webkit\"],\n  \"textEmphasisColor\": [\"Webkit\"],\n  \"boxDecorationBreak\": [\"Webkit\"],\n  \"clipPath\": [\"Webkit\"],\n  \"maskImage\": [\"Webkit\"],\n  \"maskMode\": [\"Webkit\"],\n  \"maskRepeat\": [\"Webkit\"],\n  \"maskPosition\": [\"Webkit\"],\n  \"maskClip\": [\"Webkit\"],\n  \"maskOrigin\": [\"Webkit\"],\n  \"maskSize\": [\"Webkit\"],\n  \"maskComposite\": [\"Webkit\"],\n  \"mask\": [\"Webkit\"],\n  \"maskBorderSource\": [\"Webkit\"],\n  \"maskBorderMode\": [\"Webkit\"],\n  \"maskBorderSlice\": [\"Webkit\"],\n  \"maskBorderWidth\": [\"Webkit\"],\n  \"maskBorderOutset\": [\"Webkit\"],\n  \"maskBorderRepeat\": [\"Webkit\"],\n  \"maskBorder\": [\"Webkit\"],\n  \"maskType\": [\"Webkit\"],\n  \"textDecorationStyle\": [\"Webkit\", \"Moz\"],\n  \"textDecorationSkip\": [\"Webkit\", \"Moz\"],\n  \"textDecorationLine\": [\"Webkit\", \"Moz\"],\n  \"textDecorationColor\": [\"Webkit\", \"Moz\"],\n  \"filter\": [\"Webkit\"],\n  \"fontFeatureSettings\": [\"Webkit\", \"Moz\"],\n  \"breakAfter\": [\"Webkit\", \"Moz\", \"ms\"],\n  \"breakBefore\": [\"Webkit\", \"Moz\", \"ms\"],\n  \"breakInside\": [\"Webkit\", \"Moz\", \"ms\"],\n  \"columnCount\": [\"Webkit\", \"Moz\"],\n  \"columnFill\": [\"Webkit\", \"Moz\"],\n  \"columnGap\": [\"Webkit\", \"Moz\"],\n  \"columnRule\": [\"Webkit\", \"Moz\"],\n  \"columnRuleColor\": [\"Webkit\", \"Moz\"],\n  \"columnRuleStyle\": [\"Webkit\", \"Moz\"],\n  \"columnRuleWidth\": [\"Webkit\", \"Moz\"],\n  \"columns\": [\"Webkit\", \"Moz\"],\n  \"columnSpan\": [\"Webkit\", \"Moz\"],\n  \"columnWidth\": [\"Webkit\", \"Moz\"],\n  \"flex\": [\"Webkit\", \"ms\"],\n  \"flexBasis\": [\"Webkit\"],\n  \"flexDirection\": [\"Webkit\", \"ms\"],\n  \"flexGrow\": [\"Webkit\"],\n  \"flexFlow\": [\"Webkit\", \"ms\"],\n  \"flexShrink\": [\"Webkit\"],\n  \"flexWrap\": [\"Webkit\", \"ms\"],\n  \"alignContent\": [\"Webkit\"],\n  \"alignItems\": [\"Webkit\"],\n  \"alignSelf\": [\"Webkit\"],\n  \"justifyContent\": [\"Webkit\"],\n  \"order\": [\"Webkit\"],\n  \"transitionDelay\": [\"Webkit\"],\n  \"transitionDuration\": [\"Webkit\"],\n  \"transitionProperty\": [\"Webkit\"],\n  \"transitionTimingFunction\": [\"Webkit\"],\n  \"backdropFilter\": [\"Webkit\"],\n  \"scrollSnapType\": [\"Webkit\", \"ms\"],\n  \"scrollSnapPointsX\": [\"Webkit\", \"ms\"],\n  \"scrollSnapPointsY\": [\"Webkit\", \"ms\"],\n  \"scrollSnapDestination\": [\"Webkit\", \"ms\"],\n  \"scrollSnapCoordinate\": [\"Webkit\", \"ms\"],\n  \"shapeImageThreshold\": [\"Webkit\"],\n  \"shapeImageMargin\": [\"Webkit\"],\n  \"shapeImageOutside\": [\"Webkit\"],\n  \"hyphens\": [\"Webkit\", \"Moz\", \"ms\"],\n  \"flowInto\": [\"Webkit\", \"ms\"],\n  \"flowFrom\": [\"Webkit\", \"ms\"],\n  \"regionFragment\": [\"Webkit\", \"ms\"],\n  \"boxSizing\": [\"Moz\"],\n  \"textAlignLast\": [\"Moz\"],\n  \"tabSize\": [\"Moz\"],\n  \"wrapFlow\": [\"ms\"],\n  \"wrapThrough\": [\"ms\"],\n  \"wrapMargin\": [\"ms\"],\n  \"touchAction\": [\"ms\"],\n  \"gridTemplateColumns\": [\"ms\"],\n  \"gridTemplateRows\": [\"ms\"],\n  \"gridTemplateAreas\": [\"ms\"],\n  \"gridTemplate\": [\"ms\"],\n  \"gridAutoColumns\": [\"ms\"],\n  \"gridAutoRows\": [\"ms\"],\n  \"gridAutoFlow\": [\"ms\"],\n  \"grid\": [\"ms\"],\n  \"gridRowStart\": [\"ms\"],\n  \"gridColumnStart\": [\"ms\"],\n  \"gridRowEnd\": [\"ms\"],\n  \"gridRow\": [\"ms\"],\n  \"gridColumn\": [\"ms\"],\n  \"gridColumnEnd\": [\"ms\"],\n  \"gridColumnGap\": [\"ms\"],\n  \"gridRowGap\": [\"ms\"],\n  \"gridArea\": [\"ms\"],\n  \"gridGap\": [\"ms\"],\n  \"textSizeAdjust\": [\"Webkit\", \"ms\"],\n  \"borderImage\": [\"Webkit\"],\n  \"borderImageOutset\": [\"Webkit\"],\n  \"borderImageRepeat\": [\"Webkit\"],\n  \"borderImageSlice\": [\"Webkit\"],\n  \"borderImageSource\": [\"Webkit\"],\n  \"borderImageWidth\": [\"Webkit\"]\n };\n/* eslint-disable */\n'use strict';\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = calc;\n\nvar _isPrefixedValue = require('css-in-js-utils/lib/isPrefixedValue');\n\nvar _isPrefixedValue2 = _interopRequireDefault(require('css-in-js-utils/lib/isPrefixedValue'));\n\nfunction _interopRequireDefault(obj) {\n  return obj &&

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obj.__esModule ? obj : {\n  default: obj\n };}\n\nvar prefixes = ['-webkit-', '-moz-', ''];\n\nfunction calc(property,
value) {\n  if (typeof value === 'string' && !(0, _isPrefixedValue2.default)(value) && value.indexOf('calc()') > -1)
{\n    return prefixes.map(function (prefix) {\n      return value.replace(/calc\\(\\(g, prefix + 'calc()';\n    });\n  }\n}\n\nmodule.exports = exports['default'];","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n
value: true\n});\n\nexports.default = flex;\n\nvar values = {\n  flex: ['-webkit-box', '-moz-box', '-ms-flexbox', '-webkit-
flex', 'flex'],\n  'inline-flex': ['-webkit-inline-box', '-moz-inline-box', '-ms-inline-flexbox', '-webkit-inline-flex', 'inline-
flex']\n};\n\nfunction flex(property, value) {\n  if (property === 'display' && values.hasOwnProperty(value)) {\n
return values[value];\n  }\n}\n\nmodule.exports = exports['default'];","use strict";\n\nObject.defineProperty(exports,
\"__esModule\", {\n  value: true\n});\n\nexports.default = flexboxIE;\n\nvar alternativeValues = {\n  'space-around':
'distribute',\n  'space-between': 'justify',\n  'flex-start': 'start',\n  'flex-end': 'end'\n};\n\nvar alternativeProps = {\n
alignContent: 'msFlexLinePack',\n  alignSelf: 'msFlexItemAlign',\n  alignItems: 'msFlexAlign',\n  justifyContent:
'msFlexPack',\n  order: 'msFlexOrder',\n  flexGrow: 'msFlexPositive',\n  flexShrink: 'msFlexNegative',\n  flexBasis:
'msFlexPreferredSize'\n};\n\nfunction flexboxIE(property, value, style) {\n  if
(alternativeProps.hasOwnProperty(property)) {\n    style[alternativeProps[property]] = alternativeValues[value] ||
value;\n  }\n}\n\nmodule.exports = exports['default'];","use strict";\n\nObject.defineProperty(exports,
\"__esModule\", {\n  value: true\n});\n\nexports.default = flexboxOld;\n\nvar alternativeValues = {\n  'space-around':
'justify',\n  'space-between': 'justify',\n  'flex-start': 'start',\n  'flex-end': 'end',\n  'wrap-reverse': 'multiple',\n  wrap:
'multiple'\n};\n\nvar alternativeProps = {\n  alignItems: 'WebkitBoxAlign',\n  justifyContent: 'WebkitBoxPack',\n
flexWrap: 'WebkitBoxLines'\n};\n\nfunction flexboxOld(property, value, style) {\n  if (property === 'flexDirection'
&& typeof value === 'string') {\n    if (value.indexOf('column') > -1) {\n      style.WebkitBoxOrient = 'vertical';\n
    } else {\n      style.WebkitBoxOrient = 'horizontal';\n    }\n\n    if (value.indexOf('reverse') > -1) {\n
style.WebkitBoxDirection = 'reverse';\n    } else {\n      style.WebkitBoxDirection = 'normal';\n    }\n  }\n\n  if
(alternativeProps.hasOwnProperty(property)) {\n    style[alternativeProps[property]] = alternativeValues[value] ||
value;\n  }\n}\n\nmodule.exports = exports['default'];","use strict";\n\nObject.defineProperty(exports,
\"__esModule\", {\n  value: true\n});\n\nexports.default = gradient;\n\nvar _isPrefixedValue = require('css-in-js-
utils/lib/isPrefixedValue');\n\nvar _isPrefixedValue2 = _interopRequireDefault(_isPrefixedValue);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n };}\n\nvar prefixes =
['-webkit-', '-moz-', ''];\n\nvar values = /linear-gradient|radial-gradient|repeating-linear-gradient|repeating-radial-
gradient/;\n\nfunction gradient(property, value) {\n  if (typeof value === 'string' && !(0,
_isPrefixedValue2.default)(value) && values.test(value)) {\n    return prefixes.map(function (prefix) {\n      return
prefix + value;\n    });\n  }\n}\n\nmodule.exports = exports['default'];","use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nexports.default = sizing;\n\nvar
prefixes = ['-webkit-', '-moz-', ''];\n\nvar properties = {\n  maxHeight: true,\n  maxWidth: true,\n  width: true,\n  height:
true,\n  columnWidth: true,\n  minWidth: true,\n  minHeight: true\n};\n\nvar values = {\n  'min-content': true,\n  'max-
content': true,\n  'fill-available': true,\n  'fit-content': true,\n  'contain-floats': true\n};\n\nfunction sizing(property,
value) {\n  if (properties.hasOwnProperty(property) && values.hasOwnProperty(value)) {\n    return
prefixes.map(function (prefix) {\n      return prefix + value;\n    });\n  }\n}\n\nmodule.exports =
exports['default'];","use strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value:
true\n});\n\nexports.default = transition;\n\nvar _hyphenateProperty = require('css-in-js-
utils/lib/hyphenateProperty');\n\nvar _hyphenateProperty2 = _interopRequireDefault(_hyphenateProperty);\n\nvar
_isPrefixedValue = require('css-in-js-utils/lib/isPrefixedValue');\n\nvar _isPrefixedValue2 =
_interopRequireDefault(_isPrefixedValue);\n\nvar _capitalizeString = require('../utils/capitalizeString');\n\nvar
_capitalizeString2 = _interopRequireDefault(_capitalizeString);\n\nfunction _interopRequireDefault(obj) {\n  return
obj && obj.__esModule ? obj : {\n    default: obj\n };}\n\nvar properties = {\n  transition: true,\n
transitionProperty: true,\n  WebkitTransition: true,\n  WebkitTransitionProperty: true,\n  MozTransition: true,\n
MozTransitionProperty: true\n};\n\nvar prefixMapping = {\n  Webkit: '-webkit-',\n  Moz: '-moz-',\n  ms: '-ms-
'\n};\n\nfunction prefixValue(value, propertyPrefixMap) {\n  if ((0, _isPrefixedValue2.default)(value)) {\n    return
value;\n  } // only split multi values, not cubic beziers\n\n  var multipleValues =

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value.split(/(?:[^\s]*?:\s*\([\^\s]*\)\s*\)/g);\n\n for (var i = 0, len = multipleValues.length; i < len; ++i) {\n  var
singleValue = multipleValues[i];\n  var values = [singleValue];\n\n  for (var property in propertyPrefixMap) {\n
var dashCaseProperty = (0, _hyphenateProperty2.default)(property);\n    if
(singleValue.indexOf(dashCaseProperty) > -1 && dashCaseProperty !== 'order') {\n      var prefixes =
propertyPrefixMap[property];\n      for (var j = 0, pLen = prefixes.length; j < pLen; ++j) {\n        // join all
prefixes and create a new value\n        values.unshift(singleValue.replace(dashCaseProperty,
prefixMapping[prefixes[j]] + dashCaseProperty));\n      }\n    }\n\n    multipleValues[i] = values.join(',');\n  }\n\n  return multipleValues.join(',');\n}\n\nfunction transition(property, value, style, propertyPrefixMap) {\n // also
check for already prefixed transitions\n  if (typeof value === 'string' && properties.hasOwnProperty(property)) {\n
var outputValue = prefixValue(value, propertyPrefixMap); // if the property is already prefixed\n\n  var
webkitOutput = outputValue.split(/(?:[^\s]*?:\s*\([\^\s]*\)\s*\)/g).filter(function (val) {\n    return !/-moz-|-ms-
/.test(val);\n  }).join(',');\n\n  if (property.indexOf('Webkit') > -1) {\n    return webkitOutput;\n  }\n\n  var
mozOutput = outputValue.split(/(?:[^\s]*?:\s*\([\^\s]*\)\s*\)/g).filter(function (val) {\n    return !/-webkit-|-ms-
/.test(val);\n  }).join(',');\n\n  if (property.indexOf('Moz') > -1) {\n    return mozOutput;\n  }\n\n  style['Webkit'
+ (0, _capitalizeString2.default)(property)] = webkitOutput;\n  style['Moz' + (0,
_capitalizeString2.default)(property)] = mozOutput;\n  return outputValue;\n }\n}\n\nmodule.exports =
exports['default'];\n\n'use strict';\n\nObject.defineProperty(exports, '__esModule', {\n  value:
true\n});\n\nexports.default = callOnce;\n\nvar _warning = require('warning');\n\nvar _warning2 =
_interopRequireDefault(_warning);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n  };}\n\nvar CALLED_ONCE = 'muiPrepared';\n\nfunction callOnce() {\n  if
(process.env.NODE_ENV !== 'production') {\n    return function (style) {\n      if (style[CALLED_ONCE]) {\n
process.env.NODE_ENV !== "production" ? (0, _warning2.default)(false, 'Material-UI: You cannot call
prepareStyles() on the same style object more than once.') : void 0;\n      }\n\n      style[CALLED_ONCE] = true;\n
      return style;\n    };}\n  }\n\n  "use strict";\n\n  Object.defineProperty(exports, '__esModule', {\n  value:
true\n});\n\n  var _keys = require('babel-runtime/core-js/object/keys');\n\n  var _keys2 =
_interopRequireDefault(_keys);\n\n  exports.default = rtl;\n\n  function _interopRequireDefault(obj) {\n  return obj
&& obj.__esModule ? obj : {\n    default: obj\n  };}\n\n  var reTranslate = /((^\\s)translate(3d|X)?\\(\\(\\-
?\\[\\d+\\];\\nvar reSkew = /((^\\s)skew(x|y)?\\(\\(\\s*\\(\\-?\\[\\d+\\])(deg|rad|grad)(,\\s*\\(\\-?\\[\\d+\\])(deg|rad|grad))?)?;/n/**\n *
This function ensures that `style` supports both ltr and rtl directions by\n * checking `styleConstants` in `muiTheme`
and replacing attribute keys if\n * necessary.\n */\nfunction rtl(muiTheme) {\n  if (muiTheme.isRtl) {\n    return
function (style) {\n      if (style.directionInvariant === true) {\n        return style;\n      }\n\n      var flippedAttributes
= {\n        // Keys and their replacements.\n        right: 'left',\n        left: 'right',\n        marginRight: 'marginLeft',\n
marginLeft: 'marginRight',\n        paddingRight: 'paddingLeft',\n        paddingLeft: 'paddingRight',\n
borderRight: 'borderLeft',\n        borderLeft: 'borderRight'\n      };}\n      var newStyle = {};\n      (0,
_keys2.default)(style).forEach(function (attribute) {\n        var value = style[attribute];\n        var key = attribute;\n
        if (flippedAttributes.hasOwnProperty(attribute)) {\n          key = flippedAttributes[attribute];\n        }\n\n
        switch (attribute) {\n          case 'float':\n            case 'textAlign':\n              if (value === 'right') {\n                value =
'left';\n              } else if (value === 'left') {\n                value = 'right';\n              }\n              break;\n\n          case
'direction':\n            if (value === 'ltr') {\n              value = 'rtl';\n            } else if (value === 'rtl') {\n              value =
'ltr';\n            }\n            break;\n\n          case 'transform':\n            if (!value) break;\n            var matches = void
0;\n            if (matches = value.match(reTranslate)) {\n              value = value.replace(matches[0], matches[1] + -
parseFloat(matches[4]));\n            }\n            if (matches = value.match(reSkew)) {\n              value =
value.replace(matches[0], matches[1] + -parseFloat(matches[4]) + matches[5] + matches[6] ? ', ' + (-
parseFloat(matches[7]) + matches[8]) : ");\n            }\n            break;\n\n          case 'transformOrigin':\n            if
(!value) break;\n            if (value.indexOf('right') > -1) {\n              value = value.replace('right', 'left');\n            }\n
            else if (value.indexOf('left') > -1) {\n              value = value.replace('left', 'right');\n            }\n            break;\n
        }\n\n        newStyle[key] = value;\n      });\n      return newStyle;\n    };}\n  }\n\n  "use
strict";\n\n  exports.__esModule = true;\n  exports.default = compose;\n\n  function compose() {\n    for (var _len =

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arguments.length, funcs = Array(_len), _key = 0; _key < _len; _key++) {\n  funcs[_key] = arguments[_key];\n
}\n\n if (funcs.length === 0) {\n  return function (arg) {\n    return arg;\n  }; }\n\n if (funcs.length === 1) {\n
return funcs[0];\n }\n\n return funcs.reduce(function (a, b) {\n  return function () {\n    return
a(b.apply(undefined, arguments));\n  }; }\n );\n}","use strict";\n\nObject.defineProperty(exports, "__esModule",
{\n  value: true\n});\n\nvar _classCallCheck2 = require("babel-runtime/helpers/classCallCheck");\n\nvar
_classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar _colors = require("./colors");\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  }; }\n\nvar
Typography = function Typography() {\n  (0, _classCallCheck3.default)(this, Typography); // text colors\n\n
this.textFullBlack = _colors.fullBlack;\n  this.textDarkBlack = _colors.darkBlack;\n  this.textLightBlack =
_colors.lightBlack;\n  this.textMinBlack = _colors.minBlack;\n  this.textFullWhite = _colors.fullWhite;\n
this.textDarkWhite = _colors.darkWhite;\n  this.textLightWhite = _colors.lightWhite; // font weight\n\n
this.fontWeightLight = 300;\n  this.fontWeightNormal = 400;\n  this.fontWeightMedium = 500;\n\n
this.fontStyleButtonFontSize = 14;\n};\n\nexports.default = new Typography();\n}","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _react =
require("react");\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _pure = require("recompose/pure");\n\nvar
_pure2 = _interopRequireDefault(_pure);\n\nvar _SvgIcon = require("../SvgIcon");\n\nvar _SvgIcon2 =
_interopRequireDefault(_SvgIcon);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n  }; }\n\nvar ToggleRadioButtonUnchecked = function
ToggleRadioButtonUnchecked(props) {\n  return _react2.default.createElement(_SvgIcon2.default, props,
_react2.default.createElement('path', {\n    d: 'M12 2C6.48 2 2 6.48 2 12s4.48 10 10 10 10-4.48 10-10S17.52 2 12
2zm0 18c-4.42 0-8-3.58-8-8s3.58-8 8-8 3.58 8 8-3.58 8-8 8z'\n  }));\n};\n\nToggleRadioButtonUnchecked = (0,
_pure2.default)(ToggleRadioButtonUnchecked);\n\nToggleRadioButtonUnchecked.displayName =
"ToggleRadioButtonUnchecked";\n\nToggleRadioButtonUnchecked.muiName = 'SvgIcon';\n\nexports.default =
ToggleRadioButtonUnchecked;\n}","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\n\nvar _react = require("react");\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _pure =
require("recompose/pure");\n\nvar _pure2 = _interopRequireDefault(_pure);\n\nvar _SvgIcon =
require("../SvgIcon");\n\nvar _SvgIcon2 = _interopRequireDefault(_SvgIcon);\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  }; }\n\nvar
ToggleRadioButtonChecked = function ToggleRadioButtonChecked(props) {\n  return
_react2.default.createElement(_SvgIcon2.default, props, _react2.default.createElement('path', {\n    d: 'M12 7c-2.76
0-5 2.24-5 5s2.24 5 5 5-2.24 5-5 2.24 5-5 5zm0-5C6.48 2 2 6.48 2 12s4.48 10 10 10 10-4.48 10-10S17.52 2 12
2zm0 18c-4.42 0-8-3.58-8-8s3.58-8 8-8 3.58 8 8-3.58 8-8 8z'\n  }));\n};\n\nToggleRadioButtonChecked = (0,
_pure2.default)(ToggleRadioButtonChecked);\n\nToggleRadioButtonChecked.displayName =
"ToggleRadioButtonChecked";\n\nToggleRadioButtonChecked.muiName = 'SvgIcon';\n\nexports.default =
ToggleRadioButtonChecked;\n}","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value:
true\n});\n\nvar _extends2 = require("babel-runtime/helpers/extends");\n\nvar _extends3 =
_interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require("babel-
runtime/helpers/objectWithoutProperties");\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require("babel-runtime/core-
js/object/get-prototype-of");\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar
_classCallCheck2 = require("babel-runtime/helpers/classCallCheck");\n\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require("babel-
runtime/helpers/createClass");\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require("babel-runtime/helpers/possibleConstructorReturn");\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require("babel-runtime/helpers/inherits");\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require("simple-assign");\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require("react");\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require("prop-

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types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _transitions =
require('./styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nvar _colorManipulator
= require('./utils/colorManipulator');\n\nvar _EnhancedButton = require('./internal/EnhancedButton');\n\nvar
_EnhancedButton2 = _interopRequireDefault(_EnhancedButton);\n\nvar _Paper = require('./Paper');\n\nvar
_Paper2 = _interopRequireDefault(_Paper);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };}\n\nfunction validateLabel(props, propName, componentName) {\n
if (process.env.NODE_ENV !== 'production') {\n if (!props.children && props.label !== 0 && !props.label &&
!props.icon) {\n return new Error('Required prop label or children or icon was not specified in ' +
componentName + '.');\n }\n }\n}\n\nfunction getStyles(props, context, state) {\n var _context$muiTheme =
context.muiTheme,\n baseTheme = _context$muiTheme.baseTheme,\n button =
_context$muiTheme.button,\n raisedButton = _context$muiTheme.raisedButton,\n borderRadius =
_context$muiTheme.borderRadius;\n var disabled = props.disabled,\n disabledBackgroundColor =
props.disabledBackgroundColor,\n disabledLabelColor = props.disabledLabelColor,\n fullWidth =
props.fullWidth,\n icon = props.icon,\n label = props.label,\n labelPosition = props.labelPosition,\n
primary = props.primary,\n secondary = props.secondary,\n style = props.style;\n var amount = primary ||
secondary ? 0.4 : 0.08;\n var backgroundColor = raisedButton.color;\n var labelColor = raisedButton.textColor;\n\n
if (disabled) {\n backgroundColor = disabledBackgroundColor || raisedButton.disabledColor;\n labelColor =
disabledLabelColor || raisedButton.disabledTextColor;\n } else if (primary) {\n backgroundColor =
raisedButton.primaryColor;\n labelColor = raisedButton.primaryTextColor;\n } else if (secondary) {\n
backgroundColor = raisedButton.secondaryColor;\n labelColor = raisedButton.secondaryTextColor;\n } else {\n
if (props.backgroundColor) {\n backgroundColor = props.backgroundColor;\n }\n\n if (props.labelColor) {\n
labelColor = props.labelColor;\n }\n }\n\n var buttonHeight = style && style.height || button.height;\n return
{\n root: {\n display: 'inline-block',\n transition: _transitions2.default.easeOut(),\n minWidth: fullWidth ?
'100%' : button.minWidth\n },\n button: {\n height: buttonHeight,\n lineHeight: buttonHeight + 'px',\n
width: '100%',\n padding: 0,\n borderRadius: borderRadius,\n transition: _transitions2.default.easeOut(),\n
backgroundColor: backgroundColor,\n // That's the default value for a button but not a link\n textAlign:
'center'\n },\n label: {\n position: 'relative',\n opacity: 1,\n fontSize: raisedButton.fontSize,\n
letterSpacing: 0,\n textTransform: raisedButton.textTransform || button.textTransform || 'uppercase',\n
fontWeight: raisedButton.fontWeight,\n margin: 0,\n userSelect: 'none',\n paddingLeft: icon &&
labelPosition !== 'before' ? 8 : baseTheme.spacing.desktopGutterLess,\n paddingRight: icon && labelPosition
=== 'before' ? 8 : baseTheme.spacing.desktopGutterLess,\n color: labelColor\n },\n icon: {\n
verticalAlign: 'middle',\n marginLeft: label && labelPosition !== 'before' ? 12 : 0,\n marginRight: label &&
labelPosition === 'before' ? 12 : 0\n },\n overlay: {\n height: buttonHeight,\n borderRadius:
borderRadius,\n backgroundColor: (state.keyboardFocused || state.hovered) && !disabled && (0,
_colorManipulator.fade)(labelColor, amount),\n transition: _transitions2.default.easeOut(),\n top: 0\n },\n
ripple: {\n color: labelColor,\n opacity: !(primary || secondary) ? 0.1 : 0.16\n }\n };\n}\n\nvar RaisedButton
= function (_Component) {\n (0, _inherits3.default)(RaisedButton, _Component);\n\n function RaisedButton() {\n
var _ref;\n\n var _temp, _this, _ret;\n\n (0, _classCallCheck3.default)(this, RaisedButton);\n\n for (var _len =
arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n args[_key] = arguments[_key];\n
}\n\n return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref =
RaisedButton.__proto__ || (0, _getPrototypeOf2.default)(RaisedButton)).call.apply(_ref, [this].concat(args))), _this),
_this.state = {\n hovered: false,\n keyboardFocused: false,\n touched: false,\n initialZDepth: 0,\n
zDepth: 0\n }, _this.handleClickDown = function (event) {\n // only listen to left clicks\n if (event.button
=== 0) {\n _this.setState({\n zDepth: _this.state.initialZDepth + 1\n });\n }\n\n if
(_this.props.onMouseDown) {\n _this.props.onMouseDown(event);\n }\n }, _this.handleClickUp =
function (event) {\n _this.setState({\n zDepth: _this.state.initialZDepth\n });\n\n if
(_this.props.onMouseUp) {\n _this.props.onMouseUp(event);\n }\n }, _this.handleClickLeave = function
(event) {\n if (!_this.state.keyboardFocused) {\n _this.setState({\n zDepth: _this.state.initialZDepth,\n

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    hovered: false\n    });\n    }\n\n    if (_this.props.onMouseLeave) {\n
    _this.props.onMouseLeave(event);\n    }\n    }, _this.handleMouseEnter = function (event) {\n    if
    (!_this.state.keyboardFocused && !_this.state.touched) {\n    _this.setState({\n    hovered: true\n    });\n
    }\n\n    if (_this.props.onMouseEnter) {\n    _this.props.onMouseEnter(event);\n    }\n    },
    _this.handleTouchStart = function (event) {\n    _this.setState({\n    touched: true,\n    zDepth:
    _this.state.initialZDepth + 1\n    });\n\n    if (_this.props.onTouchStart) {\n
    _this.props.onTouchStart(event);\n    }\n    }, _this.handleTouchEnd = function (event) {\n    _this.setState({\n
    touched: true,\n    zDepth: _this.state.initialZDepth\n    });\n\n    if (_this.props.onTouchEnd) {\n
    _this.props.onTouchEnd(event);\n    }\n    }, _this.handleKeyboardFocus = function (event, keyboardFocused) {\n
    var zDepth = keyboardFocused && !_this.props.disabled ? _this.state.initialZDepth + 1 :
    _this.state.initialZDepth;\n\n    _this.setState({\n    zDepth: zDepth,\n    keyboardFocused: keyboardFocused\n
    });\n    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n    }\n\n    (0,
    _createClass3.default)(RaisedButton, [{\n    key: 'componentWillMount',\n    value: function
    componentWillMount() {\n    var zDepth = this.props.disabled ? 0 : 1;\n    this.setState({\n    zDepth: zDepth,\n
    initialZDepth: zDepth\n    });\n    }\n    }, {\n    key: 'componentWillReceiveProps',\n    value: function
    componentWillReceiveProps(nextProps) {\n    var zDepth = nextProps.disabled ? 0 : 1;\n    var nextState = {\n
    zDepth: zDepth,\n    initialZDepth: zDepth\n    };\n\n    if (nextProps.disabled) {\n    nextState.hovered =
    false;\n    }\n\n    this.setState(nextState);\n    }\n    }, {\n    key: 'render',\n    value: function
    render() {\n    var
    _props = this.props,\n    backgroundColor = _props.backgroundColor,\n    buttonStyle =
    _props.buttonStyle,\n    children = _props.children,\n    className = _props.className,\n    disabled =
    _props.disabled,\n    disabledBackgroundColor = _props.disabledBackgroundColor,\n    disabledLabelColor
    = _props.disabledLabelColor,\n    fullWidth = _props.fullWidth,\n    icon = _props.icon,\n    label =
    _props.label,\n    labelColor = _props.labelColor,\n    labelPosition = _props.labelPosition,\n    labelStyle
    = _props.labelStyle,\n    overlayStyle = _props.overlayStyle,\n    primary = _props.primary,\n
    rippleStyle = _props.rippleStyle,\n    secondary = _props.secondary,\n    style = _props.style,\n    other =
    (0, _objectWithoutProperties3.default)(_props, ['backgroundColor', 'buttonStyle', 'children', 'className', 'disabled',
    'disabledBackgroundColor', 'disabledLabelColor', 'fullWidth', 'icon', 'label', 'labelColor', 'labelPosition', 'labelStyle',
    'overlayStyle', 'primary', 'rippleStyle', 'secondary', 'style']);\n    var prepareStyles =
    this.context.muiTheme.prepareStyles;\n    var styles = getStyles(this.props, this.context, this.state);\n    var
    mergedRippleStyles = (0, _simpleAssign2.default)({}, styles.ripple, rippleStyle);\n    var buttonEventHandlers =
    disabled ? {} : {\n    onMouseDown: this.handleMouseDown,\n    onMouseUp: this.handleMouseUp,\n
    onMouseLeave: this.handleMouseLeave,\n    onMouseEnter: this.handleMouseEnter,\n    onTouchStart:
    this.handleTouchStart,\n    onTouchEnd: this.handleTouchEnd,\n    onKeyboardFocus:
    this.handleKeyboardFocus\n    };\n\n    var labelElement = label && _react2.default.createElement('span', {\n
    style: prepareStyles((0, _simpleAssign2.default)(styles.label, labelStyle)),\n    key: 'labelElement'\n    },
    label);\n\n    var iconCloned = icon && (0, _react.cloneElement)(icon, {\n    color: icon.props.color ||
    styles.label.color,\n    style: (0, _simpleAssign2.default)(styles.icon, icon.props.style),\n    key: 'iconCloned'\n
    });\n\n    var overlayBackgroundProxy = {\n    backgroundColor: overlayStyle &&
    styles.overlay.backgroundColor && overlayStyle.backgroundColor || styles.overlay.backgroundColor\n    }; //
    Place label before or after children.\n\n    var enhancedButtonChildren = labelPosition === 'before' ?
    [labelElement, iconCloned, children] : [children, iconCloned, labelElement];\n    return
    _react2.default.createElement(_Paper2.default, {\n    className: className,\n    style: (0,
    _simpleAssign2.default)(styles.root, style),\n    zDepth: this.state.zDepth\n    },
    _react2.default.createElement(_EnhancedButton2.default, (0, _extends3.default)({}, other, buttonEventHandlers,
    {\n    ref: 'container',\n    disabled: disabled,\n    style: (0, _simpleAssign2.default)(styles.button,
    buttonStyle),\n    focusRippleColor: mergedRippleStyles.color,\n    touchRippleColor:
    mergedRippleStyles.color,\n    focusRippleOpacity: mergedRippleStyles.opacity,\n    touchRippleOpacity:
    mergedRippleStyles.opacity\n    })), _react2.default.createElement('div', {\n    ref: 'overlay',\n    style:

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prepareStyles((0, _simpleAssign2.default)(styles.overlay, overlayStyle, overlayBackgroundProxy))\n  },
enhancedButtonChildren));\n  }\n  });\n  return RaisedButton;\n  }(_react.Component);\n  \n  RaisedButton.muiName
= 'RaisedButton';\n  RaisedButton.defaultProps = {\n    disabled: false,\n    labelPosition: 'after',\n    fullWidth: false,\n    primary: false,\n    secondary: false\n  };\n  RaisedButton.contextTypes = {\n    muiTheme:
_propTypes2.default.object.isRequired\n  };\n  RaisedButton.propTypes = process.env.NODE_ENV !==
"production" ? {\n    /**\n     * Override the default background color for the button,\n     * but not the default disabled
background color\n     * (use `disabledBackgroundColor` for this).\n     */\n    backgroundColor:
_propTypes2.default.string,\n    /**\n     * Override the inline-styles of the button element.\n     */\n    buttonStyle:
_propTypes2.default.object,\n    /**\n     * The content of the button.\n     * If a label is provided via the `label` prop,
the text within the label\n     * will be displayed in addition to the content provided here.\n     */\n    children:
_propTypes2.default.node,\n    /**\n     * The CSS class name of the root element.\n     */\n    className:
_propTypes2.default.string,\n    /**\n     * The element to use as the container for the RaisedButton. Either a string
to\n     * use a DOM element or a ReactElement. This is useful for wrapping the\n     * RaisedButton in a custom Link
component. If a ReactElement is given, ensure\n     * that it passes all of its given props through to the underlying
DOM\n     * element and renders its children prop for proper integration.\n     */\n    containerElement:
_propTypes2.default.oneOfType([\n      _propTypes2.default.string,\n      _propTypes2.default.element\n    ]),\n    /**\n     * If true,
the element's ripple effect will be disabled.\n     */\n    disableTouchRipple: _propTypes2.default.bool,\n    /**\n     * If
true, the button will be disabled.\n     */\n    disabled: _propTypes2.default.bool,\n    /**\n     * Override the default
background color for the button\n     * when it is disabled.\n     */\n    disabledBackgroundColor:
_propTypes2.default.string,\n    /**\n     * The color of the button's label when the button is disabled.\n     */\n    disabledLabelColor:
_propTypes2.default.string,\n    /**\n     * If true, the button will take up the full width of its
container.\n     */\n    fullWidth: _propTypes2.default.bool,\n    /**\n     * The URL to link to when the button is
clicked.\n     */\n    href: _propTypes2.default.string,\n    /**\n     * An icon to be displayed within the button.\n     */\n    icon:
_propTypes2.default.node,\n    /**\n     * The label to be displayed within the button.\n     * If content is
provided via the `children` prop, that content will be\n     * displayed in addition to the label provided here.\n     */\n    label:
validateLabel,\n    /**\n     * The color of the button's label.\n     */\n    labelColor:
_propTypes2.default.string,\n    /**\n     * The position of the button's label relative to the button's `children`.\n     */\n    labelPosition:
_propTypes2.default.oneOf(['before', 'after']),\n    /**\n     * Override the inline-styles of the button's
label element.\n     */\n    labelStyle: _propTypes2.default.object,\n    /**\n     * Callback function fired when the button
is clicked.\n     */\n    @param {object} event Click event targeting the button.\n     */\n    onClick:
_propTypes2.default.func,\n    /**\n     * @ignore\n     */\n    onMouseDown: _propTypes2.default.func,\n    /**\n     * @ignore\n     */\n    onMouseEnter:
_propTypes2.default.func,\n    /**\n     * @ignore\n     */\n    onMouseLeave: _propTypes2.default.func,\n    /**\n     * @ignore\n     */\n    onMouseUp:
_propTypes2.default.func,\n    /**\n     * @ignore\n     */\n    onTouchEnd:
_propTypes2.default.func,\n    /**\n     * @ignore\n     */\n    onTouchStart: _propTypes2.default.func,\n    /**\n     * Override
the inline style of the button overlay.\n     */\n    overlayStyle: _propTypes2.default.object,\n    /**\n     * If true, the
button will use the theme's primary color.\n     */\n    primary: _propTypes2.default.bool,\n    /**\n     * Override the
inline style of the ripple element.\n     */\n    rippleStyle: _propTypes2.default.object,\n    /**\n     * If true, the button
will use the theme's secondary color.\n     * If both `secondary` and `primary` are true, the button will use\n     * the
theme's primary color.\n     */\n    secondary: _propTypes2.default.bool,\n    /**\n     * Override the inline-styles of the
root element.\n     */\n    style: _propTypes2.default.object\n  } : {};\n  exports.default = RaisedButton;,""use
strict";\n  \n  Object.defineProperty(exports, "__esModule", {\n    value: true\n  });\n  \n  var _objectWithoutProperties2 =
require('babel-runtime/helpers/objectWithoutProperties');\n  \n  var _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n  \n  var _slicedToArray2 = require('babel-
runtime/helpers/slicedToArray');\n  \n  var _slicedToArray3 = _interopRequireDefault(_slicedToArray2);\n  \n  var
_extends2 = require('babel-runtime/helpers/extends');\n  \n  var _extends3 =
_interopRequireDefault(_extends2);\n  \n  var _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-
of');\n  \n  var _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n  \n  var _classCallCheck2 =
require('babel-runtime/helpers/classCallCheck');\n  \n  var _classCallCheck3 =

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_interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar
_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar
_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _autoPrefix =
require('../utils/autoPrefix');\n\nvar _autoPrefix2 = _interopRequireDefault(_autoPrefix);\n\nvar _transitions =
require('../styles/transitions');\n\nvar _transitions2 = _interopRequireDefault(_transitions);\n\nvar _Paper =
require('../Paper');\n\nvar _Paper2 = _interopRequireDefault(_Paper);\n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : {\n  default: obj\n };}\n\nvar VIEWBOX_SIZE = 32;\n\nfunction
getStyles(props) {\n  var padding = props.size * 0.1; // same implementation of `this.getPaddingSize()`\n\n  return
{\n    root: {\n      position: 'absolute',\n      zIndex: 2,\n      width: props.size,\n      height: props.size,\n      padding:
padding,\n      top: -10000,\n      left: -10000,\n      transform: 'translate(' + (10000 + props.left) + 'px, ' + (10000 +
props.top) + 'px)',\n      opacity: props.status === 'hide' ? 0 : 1,\n      transition: props.status === 'hide' ?
_transitions2.default.create('all', '.3s', 'ease-out') : 'none'\n    }\n  };\n\n  var RefreshIndicator = function
(_Component) {\n    (0, _inherits3.default)(RefreshIndicator, _Component);\n\n    function RefreshIndicator() {\n      (0,
_classCallCheck3.default)(this, RefreshIndicator);\n\n      return (0, _possibleConstructorReturn3.default)(this,
(RefreshIndicator.__proto__ || (0, _getPrototypeOf2.default)(RefreshIndicator)).apply(this, arguments));\n    }\n\n    (0,
_createClass3.default)(RefreshIndicator, [{\n      key: 'componentDidMount',\n      value: function
componentDidMount() {\n        this.scalePath(this.refs.path, 0);\n        this.rotateWrapper(this.refs.wrapper);\n      }\n
}, {\n      key: 'componentDidUpdate',\n      value: function componentDidUpdate() {\n        clearTimeout(this.scalePathTimer);\n
        clearTimeout(this.rotateWrapperTimer);\n\n        clearTimeout(this.rotateWrapperSecondTimer);\n        this.scalePath(this.refs.path, 0);\n
        this.rotateWrapper(this.refs.wrapper);\n      }\n
}], {\n      key: 'componentWillUnmount',\n      value: function
componentWillUnmount() {\n        clearTimeout(this.scalePathTimer);\n\n        clearTimeout(this.rotateWrapperTimer);\n
        clearTimeout(this.rotateWrapperSecondTimer);\n      }\n
}], {\n      key:
'renderChildren',\n      value: function renderChildren() {\n        var prepareStyles =
this.context.muiTheme.prepareStyles;\n        var paperSize = this.getPaperSize();\n        var childrenCmp = null;\n\n        if (this.props.status !== 'ready') {\n          var circleStyle = this.getCircleStyle(paperSize);\n          childrenCmp =
_react2.default.createElement('div', {\n            ref: 'wrapper',\n            style: prepareStyles({\n              transition:
_transitions2.default.create('transform', '20s', null, 'linear'),\n              width: '100%',\n              height: '100%'\n            })\n          }, _react2.default.createElement('svg', {\n            style: {\n              width: paperSize,\n              height:
paperSize\n            },\n            viewBox: '0 0 ' + VIEWBOX_SIZE + ' ' + VIEWBOX_SIZE\n          },
_react2.default.createElement('circle', (0, _extends3.default)({\n            ref: 'path',\n            style: prepareStyles((0,
_simpleAssign2.default)(circleStyle.style, {\n              transition: _transitions2.default.create('all', '1.5s', null, 'ease-in-
out')\n            }))))\n          }, circleStyle.attr));\n        } else {\n          var _circleStyle = this.getCircleStyle(paperSize);\n          var polygonStyle = this.getPolygonStyle(paperSize);\n          childrenCmp = _react2.default.createElement('svg',
{\n            style: {\n              width: paperSize,\n              height: paperSize\n            },\n            viewBox: '0 0 ' +
VIEWBOX_SIZE + ' ' + VIEWBOX_SIZE\n          }, _react2.default.createElement('circle', (0,
_extends3.default)({\n            style: prepareStyles(_circleStyle.style)\n          }, _circleStyle.attr)),
_react2.default.createElement('polygon', (0, _extends3.default)({\n            style: prepareStyles(polygonStyle.style)\n          }, polygonStyle.attr));\n        }\n\n        return childrenCmp;\n      }\n
}], {\n      key: 'getTheme',\n      value: function
getTheme() {\n        return this.context.muiTheme.refreshIndicator;\n      }\n
}], {\n      key: 'getPaddingSize',\n      value:
function getPaddingSize() {\n        var padding = this.props.size * 0.1;\n        return padding;\n      }\n
}], {\n      key:
'getPaperSize',\n      value: function getPaperSize() {\n        return this.props.size - this.getPaddingSize() * 2;\n      }\n
}], {\n      key: 'getCircleAttr',\n      value: function getCircleAttr() {\n        return {\n          radiu: VIEWBOX_SIZE / 2 - 5,\n

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originX: VIEWBOX_SIZE / 2,\n    originY: VIEWBOX_SIZE / 2,\n    strokeWidth: 3\n  };\n  }\n },
{\n  key: 'getArcDeg',\n  value: function getArcDeg() {\n    var p = this.props.percentage / 100;\n    var beginDeg = p * 120;\n    var endDeg = p * 410;\n    return [beginDeg, endDeg];\n  }\n }, {\n  key: 'getFactor',\n  value: function getFactor() {\n    var p = this.props.percentage / 100;\n    var p1 = Math.min(1, p / 0.4);\n    return p1;\n  }\n }, {\n  key: 'getCircleStyle',\n  value: function getCircleStyle() {\n    var isLoading = this.props.status === 'loading';\n    var p1 = isLoading ? 1 : this.getFactor();\n    var circle = this.getCircleAttr();\n    var perimeter = Math.PI * 2 * circle.radiu;\n    var _getArcDeg = this.getArcDeg(),\n        _getArcDeg2 = (0, _slicedToArray3.default)(_getArcDeg, 2),\n        beginDeg = _getArcDeg2[0],\n        endDeg = _getArcDeg2[1];\n    var arcLen = (endDeg - beginDeg) * perimeter / 360;\n    var dashOffset = -beginDeg * perimeter / 360;\n    var theme = this.getTheme();\n    return {\n      style: {\n        strokeDasharray: arcLen + ',' + (perimeter - arcLen),\n        strokeDashoffset: dashOffset,\n        stroke: isLoading || this.props.percentage === 100 ? this.props.loadingColor || theme.loadingStrokeColor : this.props.color || theme.strokeColor,\n        strokeLinecap: 'round',\n        opacity: p1,\n        strokeWidth: circle.strokeWidth * p1,\n        fill: 'none'\n      },\n      attr: {\n        cx: circle.originX,\n        cy: circle.originY,\n        r: circle.radiu\n      }\n    };\n  }\n }, {\n  key: 'getPolygonStyle',\n  value: function getPolygonStyle() {\n    var p1 = this.getFactor();\n    var circle = this.getCircleAttr();\n    var triangleCx = circle.originX + circle.radiu;\n    var triangleCy = circle.originY;\n    var dx = circle.strokeWidth * 7 / 4 * p1;\n    var trianglePath = triangleCx - dx + ',' + triangleCy + ',' + (triangleCx + dx) + ',' + triangleCy + ',' + triangleCx + ',' + (triangleCy + dx);\n    var _getArcDeg3 = this.getArcDeg(),\n        _getArcDeg4 = (0, _slicedToArray3.default)(_getArcDeg3, 2),\n        endDeg = _getArcDeg4[1];\n    var theme = this.getTheme();\n    return {\n      style: {\n        fill: this.props.percentage === 100 ? this.props.loadingColor || theme.loadingStrokeColor : this.props.color || theme.strokeColor,\n        transform: 'rotate(' + endDeg + 'deg)',\n        transformOrigin: circle.originX + 'px ' + circle.originY + 'px',\n        opacity: p1\n      },\n      attr: {\n        points: trianglePath\n      }\n    };\n  }\n }, {\n  key: 'scalePath',\n  value: function scalePath(path, step) {\n    var _this2 = this;\n    if (this.props.status !== 'loading') return;\n    var currStep = (step || 0) % 3;\n    var circle = this.getCircleAttr();\n    var perimeter = Math.PI * 2 * circle.radiu;\n    var arcLen = perimeter * 0.64;\n    var strokeDasharray = void 0;\n    var strokeDashoffset = void 0;\n    var transitionDuration = void 0;\n    if (currStep === 0) {\n      strokeDasharray = '1, 200';\n      strokeDashoffset = 0;\n      transitionDuration = '0ms';\n    } else if (currStep === 1) {\n      strokeDasharray = arcLen + ', 200';\n      strokeDashoffset = -15;\n      transitionDuration = '750ms';\n    } else {\n      strokeDasharray = arcLen + ', 200';\n      strokeDashoffset = -(perimeter - 1);\n      transitionDuration = '850ms';\n    }\n    _autoPrefix2.default.set(path.style, 'strokeDasharray', strokeDasharray);\n    _autoPrefix2.default.set(path.style, 'strokeDashoffset', strokeDashoffset);\n    _autoPrefix2.default.set(path.style, 'transitionDuration', transitionDuration);\n    this.scalePathTimer = setTimeout(function () {\n      return _this2.scalePath(path, currStep + 1);\n    }, currStep ? 750 : 250);\n  }\n }, {\n  key: 'rotateWrapper',\n  value: function rotateWrapper(wrapper) {\n    var _this3 = this;\n    if (this.props.status !== 'loading') return;\n    _autoPrefix2.default.set(wrapper.style, 'transform', null);\n    _autoPrefix2.default.set(wrapper.style, 'transform', 'rotate(0deg)');\n    _autoPrefix2.default.set(wrapper.style, 'transitionDuration', '0ms');\n    this.rotateWrapperSecondTimer = setTimeout(function () {\n      _autoPrefix2.default.set(wrapper.style, 'transform', 'rotate(180deg)');\n    }, 1000);\n    _autoPrefix2.default.set(wrapper.style, 'transitionDuration', '10s');\n    _autoPrefix2.default.set(wrapper.style, 'transitionTimingFunction', 'linear');\n    this.rotateWrapperTimer = setTimeout(function () {\n      return _this3.rotateWrapper(wrapper);\n    }, 10050);\n  }\n }, {\n  key: 'render',\n  value: function render() {\n    var _props = this.props,\n        style = _props.style,\n        top = _props.top,\n        left = _props.left,\n        percentage = _props.percentage,\n        status = _props.status,\n        loadingColor = _props.loadingColor,\n        other = (0, _objectWithoutProperties3.default)(_props, ['style', 'top', 'left', 'percentage', 'status', 'loadingColor']);\n    var styles = getStyles(this.props, this.context);\n    return _react2.default.createElement(_Paper2.default, (0, _extends3.default)({\n      circle: true,\n      style: (0, _simpleAssign2.default)(styles.root, style)\n    }, other), this.renderChildren());\n  }\n }]);\n return RefreshIndicator;\n}(_react.Component);\n\nRefreshIndicator.defaultProps = {\n  percentage: 0,\n  size: 40,\n
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status: 'hide'\n};\nRefreshIndicator.contextTypes = {\n  muiTheme:
  _propTypes2.default.object.isRequired\n};\nRefreshIndicator.propTypes = process.env.NODE_ENV !==
  \"production\" ? {\n  /**\n   * Override the theme's color of the indicator while it's status is\n   * \"ready\" and it's
  percentage is less than 100.\n   */\n  color: _propTypes2.default.string,\n  /**\n   * The absolute left position of the
  indicator in pixels.\n   */\n  left: _propTypes2.default.number.isRequired,\n  /**\n   * Override the theme's color of
  the indicator while\n   * it's status is \"loading\" or when it's percentage is 100.\n   */\n  loadingColor:
  _propTypes2.default.string,\n  /**\n   * The confirmation progress to fetch data. Max value is 100.\n   */\n  percentage: _propTypes2.default.number,\n  /**\n   * Size in pixels.\n   */\n  size:
  _propTypes2.default.number,\n  /**\n   * The display status of the indicator. If the status is\n   * \"ready\", the
  indicator will display the ready state\n   * arrow. If the status is \"loading\", it will display\n   * the loading progress
  indicator. If the status is \"hide\", \n   * the indicator will be hidden.\n   */\n  status:
  _propTypes2.default.oneOf(['ready', 'loading', 'hide']),\n  /**\n   * Override the inline-styles of the root element.\n
  */\n  style: _propTypes2.default.object,\n  /**\n   * The absolute top position of the indicator in pixels.\n   */\n  top: _propTypes2.default.number.isRequired\n} : {};\nexports.default = RefreshIndicator;\", \"module.exports = {\n
  \"default\": require(\"core-js/library/fn/is-iterable\"),\n  __esModule:
  true\n};\", \"require(\"../modules/web.dom.iterable\");\n\nrequire(\"../modules/es6.string.iterator\");\n\nmodule.exports =
  require(\"../modules/core.is-iterable\");\", \"var classof = require(\"../_classof\");\n\nvar ITERATOR =
  require(\"../_wks\")(\"iterator\");\n\nvar Iterators = require(\"../_iterators\");\n\nmodule.exports = require(\"../_core\").isIterable
  = function (it) {\n  var O = Object(it);\n  return O[ITERATOR] !== undefined || '@@iterator' in O // eslint-disable-
  next-line no-prototype-builtins\n  || Iterators.hasOwnProperty(classof(O));\n};\", \"module.exports = {\n  \"default\":
  require(\"core-js/library/fn/get-iterator\"),\n  __esModule:
  true\n};\", \"require(\"../modules/web.dom.iterable\");\n\nrequire(\"../modules/es6.string.iterator\");\n\nmodule.exports =
  require(\"../modules/core.get-iterator\");\", \"var anObject = require(\"../_an-object\");\n\nvar get = require(\"../core.get-
  iterator-method\");\n\nmodule.exports = require(\"../_core\").getIterator = function (it) {\n  var iterFn = get(it);\n  if
  (typeof iterFn !== 'function') throw TypeError(it + ' is not iterable!');\n  return anObject(iterFn.call(it));\n};\", \"use
  strict\");\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _extends2 = require('babel-
  runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar
  _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar
  _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf =
  require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
  _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
  runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
  _createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
  _interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
  runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
  _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
  runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
  require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
  require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
  _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _TextField = require(\"../TextField\");\n\nvar
  _TextField2 = _interopRequireDefault(_TextField);\n\nvar _DropDownMenu =
  require(\"../DropDownMenu\");\n\nvar _DropDownMenu2 = _interopRequireDefault(_DropDownMenu);\n\nfunction
  _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nfunction
  getStyles(props) {\n  return {\n    label: {\n      paddingLeft: 0,\n      top: props.floatingLabelText ? 6 : -4\n    },\n
  icon: {\n    right: 0,\n    top: props.floatingLabelText ? 8 : 0\n    },\n    hideDropDownUnderline: {\n
  borderTop: 'none'\n    },\n    dropDownMenu: {\n      display: 'block'\n    }\n  };\n}\n\nvar SelectField = function
  (_Component) {\n  (0, _inherits3.default)(SelectField, _Component);\n\n  function SelectField() {\n    (0,
  _classCallCheck3.default)(this, SelectField);\n\n    return (0, _possibleConstructorReturn3.default)(this,

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(SelectField.__proto__ || (0, _getPrototypeOf2.default)(SelectField)).apply(this, arguments);\n } \n (0,
_createClass3.default)(SelectField, [{\n  key: 'render',\n  value: function render() {\n    var _props = this.props,\n    autoWidth = _props.autoWidth,\n    multiple = _props.multiple,\n    children = _props.children,\n    style = _props.style,\n    labelStyle = _props.labelStyle,\n    iconStyle = _props.iconStyle,\n    id =\n    _props.id,\n    underlineDisabledStyle = _props.underlineDisabledStyle,\n    underlineFocusStyle =\n    _props.underlineFocusStyle,\n    menuItemStyle = _props.menuItemStyle,\n    selectedMenuItemStyle =\n    _props.selectedMenuItemStyle,\n    underlineStyle = _props.underlineStyle,\n    dropDownMenuProps =\n    _props.dropDownMenuProps,\n    errorStyle = _props.errorStyle,\n    disabled = _props.disabled,\n    floatingLabelFixed = _props.floatingLabelFixed,\n    floatingLabelText = _props.floatingLabelText,\n    floatingLabelStyle = _props.floatingLabelStyle,\n    hintStyle = _props.hintStyle,\n    hintText =\n    _props.hintText,\n    fullWidth = _props.fullWidth,\n    errorText = _props.errorText,\n    listStyle =\n    _props.listStyle,\n    maxHeight = _props.maxHeight,\n    menuStyle = _props.menuStyle,\n    onFocus =\n    _props.onFocus,\n    onBlur = _props.onBlur,\n    onChange = _props.onChange,\n    selectionRenderer =\n    _props.selectionRenderer,\n    value = _props.value,\n    other = (0,\n    _objectWithoutProperties3.default)(_props, ['autoWidth', 'multiple', 'children', 'style', 'labelStyle', 'iconStyle', 'id',\n    'underlineDisabledStyle', 'underlineFocusStyle', 'menuItemStyle', 'selectedMenuItemStyle', 'underlineStyle',\n    'dropDownMenuProps', 'errorStyle', 'disabled', 'floatingLabelFixed', 'floatingLabelText', 'floatingLabelStyle',\n    'hintStyle', 'hintText', 'fullWidth', 'errorText', 'listStyle', 'maxHeight', 'menuStyle', 'onFocus', 'onBlur', 'onChange',\n    'selectionRenderer', 'value']);\n    var styles = getStyles(this.props, this.context);\n    return\n    _react2.default.createElement(_TextField2.default, (0, _extends3.default)({}, other, {\n      style: style,\n      disabled: disabled,\n      floatingLabelFixed: floatingLabelFixed,\n      floatingLabelText: floatingLabelText,\n      floatingLabelStyle: floatingLabelStyle,\n      hintStyle: hintStyle,\n      hintText: !hintText && !floatingLabelText\n      ? '' : hintText,\n      fullWidth: fullWidth,\n      errorText: errorText,\n      underlineStyle: underlineStyle,\n      errorStyle: errorStyle,\n      onFocus: onFocus,\n      onBlur: onBlur,\n      id: id,\n      underlineDisabledStyle:\n      underlineDisabledStyle,\n      underlineFocusStyle: underlineFocusStyle\n    })),\n    _react2.default.createElement(_DropDownMenu2.default, (0, _extends3.default)({\n      disabled: disabled,\n      style: (0, _simpleAssign2.default)(styles.dropDownMenu, menuStyle),\n      labelStyle: (0,\n      _simpleAssign2.default)(styles.label, labelStyle),\n      iconStyle: (0, _simpleAssign2.default)(styles.icon,\n      iconStyle),\n      menuItemStyle: menuItemStyle,\n      selectedMenuItemStyle: selectedMenuItemStyle,\n      underlineStyle: styles.hideDropDownUnderline,\n      listStyle: listStyle,\n      autoWidth: autoWidth,\n      value:\n      value,\n      onChange: onChange,\n      maxHeight: maxHeight,\n      multiple: multiple,\n      selectionRenderer: selectionRenderer\n    }, dropDownMenuProps), children));\n  } }]);\n\nreturn\n\nSelectField;\n})(_react.Component);\n\n\nSelectField.defaultProps = {\n  autoWidth: false,\n  disabled: false,\n  fullWidth: false,\n  multiple: false\n};\n\n\nSelectField.contextTypes = {\n  muiTheme:\n  _propTypes2.default.object.isRequired\n};\n\n\nSelectField.propTypes = process.env.NODE_ENV !== "production" ?\n{\n  /**\n   * If true, the width will automatically be set according to the\n   * items inside the menu.\n   * To control\n   the width in CSS instead, leave this prop set to `false`.\n   */\n  autoWidth: _propTypes2.default.bool,\n  /**\n   * The `MenuItem` elements to populate the select field with.\n   * If the menu items have a `label` prop, that value\n   will\n   * represent the selected menu item in the rendered select field.\n   */\n  children:\n  _propTypes2.default.node,\n  /**\n   * If true, the select field will be disabled.\n   */\n  disabled:\n  _propTypes2.default.bool,\n  /**\n   * Object that can handle and override any property of component\n   DropDownMenu.\n   */\n  dropDownMenuProps: _propTypes2.default.object,\n  /**\n   * Override the inline-\nstyles of the error element.\n   */\n  errorStyle: _propTypes2.default.object,\n  /**\n   * The error content to\n   display.\n   */\n  errorText: _propTypes2.default.node,\n  /**\n   * If true, the floating label will float even when\n   no value is selected.\n   */\n  floatingLabelFixed: _propTypes2.default.bool,\n  /**\n   * Override the inline-styles\n   of the floating label.\n   */\n  floatingLabelStyle: _propTypes2.default.object,\n  /**\n   * The content of the\n   floating label.\n   */\n  floatingLabelText: _propTypes2.default.node,\n  /**\n   * If true, the select field will take\n   up the full width of its container.\n   */\n  fullWidth: _propTypes2.default.bool,\n  /**\n   * Override the inline-

```

styles of the hint element.

- `hintStyle: _propTypes2.default.object`: The hint content to display.
- `hintText: _propTypes2.default.node`: Override the inline-styles of the icon element.
- `iconStyle: _propTypes2.default.object`: The id prop for the text field.
- `id: _propTypes2.default.string`: Override the label style when the select field is inactive.
- `labelStyle: _propTypes2.default.object`: Override the inline-styles of the underlying `List` element.
- `listStyle: _propTypes2.default.object`: Override the default max-height of the underlying `DropDownMenu` element.
- `maxHeight: _propTypes2.default.number`: Override the inline-styles of menu items.
- `menuItemStyle: _propTypes2.default.object`: Override the inline-styles of the underlying `DropDownMenu` element.
- `menuStyle: _propTypes2.default.object`: If true, `value` must be an array and the menu will support multiple selections.
- `multiple: _propTypes2.default.bool`: Callback function fired when a menu item is selected.
 - `@ignore`: `onBlur: _propTypes2.default.func`: Click event targeting the menu item that was selected.
 - `@param {object}`: event Click event targeting the menu item
 - `@param {number}`: key The index of the selected menu item, or undefined
 - if `multiple` is true.
 - `@param {any}`: payload If `multiple` is true, the menu's `value` array with either the menu item's `value` added (if it wasn't already selected) or omitted (if it was already selected). Otherwise, the `value` of the menu item.
- `onChange: _propTypes2.default.func`: Override the inline-styles of selected menu items.
- `selectedMenuItemStyle: _propTypes2.default.object`: Customize the rendering of the selected item.
 - `@param {any}`: value If `multiple` is true, the menu's `value` array with either the menu item's `value` added (if it wasn't already selected) or omitted (if it was already selected). Otherwise, the `value` of the menu item.
 - `@param {any}`: menuItem The selected `MenuItem`.
 - If `multiple` is true, this will be an array with the `MenuItem`s matching the `value`s parameter.
- `selectionRenderer: _propTypes2.default.func`: Override the inline-styles of the root element.
- `style: _propTypes2.default.object`: Override the inline-styles of the underline element when the select field is disabled.
- `underlineDisabledStyle: _propTypes2.default.object`: Override the inline-styles of the underline element when the select field is focused.
- `underlineFocusStyle: _propTypes2.default.object`: Override the inline-styles of the underline element.
- `underlineStyle: _propTypes2.default.object`: If `multiple` is true, an array of the `value`s of the selected menu items. Otherwise, the `value` of the selected menu item.
- If provided, the menu will be a controlled component.
- `value: _propTypes2.default.any`:

```

{ };
\nexports.default = SelectField;
\n"\"use strict\";
\nObject.defineProperty(exports, \"__esModule\", {
\n  value: true
});
\n\nvar _extends2 = require('babel-runtime/helpers/extends');
\n\nvar _extends3 = _interopRequireDefault(_extends2);
\n\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');
\n\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);
\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');
\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);
\n\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');
\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);
\n\nvar _createClass2 = require('babel-runtime/helpers/createClass');
\n\nvar _createClass3 = _interopRequireDefault(_createClass2);
\n\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');
\n\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);
\n\nvar _inherits2 = require('babel-runtime/helpers/inherits');
\n\nvar _inherits3 = _interopRequireDefault(_inherits2);
\n\nvar _defineProperty2 = require('babel-runtime/helpers/defineProperty');
\n\nvar _defineProperty3 = _interopRequireDefault(_defineProperty2);
\n\nvar _simpleAssign = require('simple-assign');
\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);
\n\nvar _react = require('react');
\n\nvar _react2 = _interopRequireDefault(_react);
\n\nvar _propTypes = require('prop-types');
\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);
\n\nvar _keycode = require('keycode');
\n\nvar _keycode2 = _interopRequireDefault(_keycode);
\n\nvar _warning = require('warning');
\n\nvar _warning2 = _interopRequireDefault(_warning);
\n\nvar _transitions = require('./styles/transitions');
\n\nvar _transitions2 =

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_interopRequireDefault(_transitions);\n\nvar _FocusRipple = require('./internal/FocusRipple');\n\nvar
_FocusRipple2 = _interopRequireDefault(_FocusRipple);\n\nfunction _interopRequireDefault(obj) {\n return obj
&& obj.__esModule ? obj : {\n default: obj\n };}\n\n/**\n * Verifies min/max range.\n * @param {Object}
props Properties of the React component.\n * @param {String} propName Name of the property to
validate.\n * @param {String} componentName Name of the component whose property is being validated.\n *
@returns {Object} Returns an Error if min >= max otherwise null.\n */\n\nvar minMaxPropType = function
minMaxPropType(props, propName, componentName) {\n for (var _len = arguments.length, rest = Array(_len > 3
? _len - 3 : 0), _key = 3; _key < _len; _key++) {\n rest[_key - 3] = arguments[_key];\n }\n\n var error =
_propTypes2.default.number.apply(_propTypes2.default, [props, propName, componentName].concat(rest));\n\n if
(error !== null) {\n return error;\n }\n\n if (props.min >= props.max) {\n var errorMsg = propName === 'min' ?
'min should be less than max' : 'max should be greater than min';\n return new Error(errorMsg);\n }\n};\n\n/**\n *
Verifies value is within the min/max range.\n * @param {Object} props Properties of the React component.\n
* @param {String} propName Name of the property to validate.\n * @param {String} componentName Name
of the component whose property is being validated.\n * @returns {Object} Returns an Error if the value is not
within the range otherwise null.\n */\n\nvar valueInRangePropType = function valueInRangePropType(props,
propName, componentName) {\n for (var _len2 = arguments.length, rest = Array(_len2 > 3 ? _len2 - 3 : 0), _key2 =
3; _key2 < _len2; _key2++) {\n rest[_key2 - 3] = arguments[_key2];\n }\n\n var error =
_propTypes2.default.number.apply(_propTypes2.default, [props, propName, componentName].concat(rest));\n\n if
(error !== null) {\n return error;\n }\n\n var value = props[propName];\n\n if (value < props.min || props.max <
value) {\n return new Error(propName + ' should be within the range specified by min and max');\n }\n};\n\nvar
crossAxisProperty = {\n x: 'height',\n 'x-reverse': 'height',\n y: 'width',\n 'y-reverse': 'width'\n};\n\nvar
crossAxisOffsetProperty = {\n x: 'top',\n 'x-reverse': 'top',\n y: 'left',\n 'y-reverse': 'left'\n};\n\nvar mainAxisProperty
= {\n x: 'width',\n 'x-reverse': 'width',\n y: 'height',\n 'y-reverse': 'height'\n};\n\nvar mainAxisMarginFromEnd = {\n
x: 'marginRight',\n 'x-reverse': 'marginLeft',\n y: 'marginTop',\n 'y-reverse': 'marginBottom'\n};\n\nvar
mainAxisMarginFromStart = {\n x: 'marginLeft',\n 'x-reverse': 'marginRight',\n y: 'marginBottom',\n 'y-reverse':
'marginTop'\n};\n\nvar mainAxisOffsetProperty = {\n x: 'left',\n 'x-reverse': 'right',\n y: 'bottom',\n 'y-reverse':
'top'\n};\n\nvar mainAxisClientProperty = {\n x: 'clientWidth',\n 'x-reverse': 'clientWidth',\n y: 'clientHeight',\n 'y-
reverse': 'clientHeight'\n};\n\nvar mainAxisClientOffsetProperty = {\n x: 'clientX',\n 'x-reverse': 'clientX',\n y:
'clientY',\n 'y-reverse': 'clientY'\n};\n\nvar reverseMainAxisOffsetProperty = {\n x: 'right',\n 'x-reverse': 'left',\n y:
'top',\n 'y-reverse': 'bottom'\n};\n\nvar isMouseControlInverted = function isMouseControlInverted(axis) {\n return
axis === 'x-reverse' || axis === 'y';\n};\n\nvar calculateAxis = function calculateAxis(axis, isRtl) {\n if (isRtl) {\n
switch (axis) {\n case 'x':\n return 'x-reverse';\n\n case 'x-reverse':\n return 'x';\n }\n\n return
axis;\n};\n\nfunction getPercent(value, min, max) {\n var percent = (value - min) / (max - min);\n\n if
(isNaN(percent)) {\n percent = 0;\n }\n\n return percent;\n}\n\nvar getStyles = function getStyles(props, context,
state) {\n var _slider, _track, _filledAndRemaining, _handle, _objectAssign2, _objectAssign3;\n\n var axis =
props.axis,\n disabled = props.disabled,\n max = props.max,\n min = props.min;\n\n var
_context$muiTheme = context.muiTheme,\n isRtl = _context$muiTheme.isRtl,\n _context$muiTheme$sli =
_context$muiTheme.slider,\n handleColorZero = _context$muiTheme$sli.handleColorZero,\n
handleFillColor = _context$muiTheme$sli.handleFillColor,\n handleSize =
_context$muiTheme$sli.handleSize,\n handleSizeDisabled = _context$muiTheme$sli.handleSizeDisabled,\n
handleSizeActive = _context$muiTheme$sli.handleSizeActive,\n trackSize =
_context$muiTheme$sli.trackSize,\n trackColor = _context$muiTheme$sli.trackColor,\n trackColorSelected
= _context$muiTheme$sli.trackColorSelected,\n rippleColor = _context$muiTheme$sli.rippleColor,\n
selectionColor = _context$muiTheme$sli.selectionColor;\n\n var fillGutter = handleSize / 2;\n\n var disabledGutter =
trackSize + handleSizeDisabled / 2;\n\n var calcDisabledSpacing = disabled ? '-' + disabledGutter + 'px' : '';\n\n var
percent = getPercent(state.value, min, max);\n\n var calculatedAxis = calculateAxis(axis, isRtl);\n\n var styles = {\n
slider: (_slider = {\n touchCallout: 'none',\n userSelect: 'none',\n cursor: 'default'\n }), (0,
_defineProperty3.default)(_slider, crossAxisProperty[calculatedAxis], handleSizeActive), (0,

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_defineProperty3.default)(_slider, mainAxisProperty[calculatedAxis], '100%'), (0, _defineProperty3.default)(_slider,
'position', 'relative'), (0, _defineProperty3.default)(_slider, 'marginTop', 24), (0, _defineProperty3.default)(_slider,
'marginBottom', 48), _slider),\n track: (_track = {\n position: 'absolute'\n }, (0,
_defineProperty3.default)(_track, crossAxisOffsetProperty[calculatedAxis], (handleSizeActive - trackSize) / 2), (0,
_defineProperty3.default)(_track, mainAxisOffsetProperty[calculatedAxis], 0), (0, _defineProperty3.default)(_track,
mainAxisProperty[calculatedAxis], '100%'), (0, _defineProperty3.default)(_track,
crossAxisProperty[calculatedAxis], trackSize), _track),\n filledAndRemaining: (_filledAndRemaining = {\n
directionInvariant: true,\n position: 'absolute'\n }, (0, _defineProperty3.default)(_filledAndRemaining,
crossAxisOffsetProperty, 0), (0, _defineProperty3.default)(_filledAndRemaining,
crossAxisProperty[calculatedAxis], '100%'), (0, _defineProperty3.default)(_filledAndRemaining, 'transition',
_transitions2.default.easeOut(null, 'margin')), _filledAndRemaining),\n handle: (_handle = {\n
directionInvariant: true,\n boxSizing: 'border-box',\n position: 'absolute',\n cursor: 'pointer',\n
pointerEvents: 'inherit'\n }, (0, _defineProperty3.default)(_handle, crossAxisOffsetProperty[calculatedAxis], 0),
(0, _defineProperty3.default)(_handle, mainAxisOffsetProperty[calculatedAxis], percent === 0 ? '0%' : percent *
100 + '%'), (0, _defineProperty3.default)(_handle, 'zIndex', 1), (0, _defineProperty3.default)(_handle, 'margin', {\n
x: trackSize / 2 + 'px 0 0 0',\n 'x-reverse': trackSize / 2 + 'px 0 0 0',\n y: '0 0 0 ' + trackSize / 2 + 'px',\n
'y-reverse': '0 0 0 ' + trackSize / 2 + 'px'\n }[calculatedAxis]), (0, _defineProperty3.default)(_handle, 'width',
handleSize), (0, _defineProperty3.default)(_handle, 'height', handleSize), (0, _defineProperty3.default)(_handle,
'backgroundColor', selectionColor), (0, _defineProperty3.default)(_handle, 'backgroundClip', 'padding-box'), (0,
_defineProperty3.default)(_handle, 'border', '0px solid transparent'), (0, _defineProperty3.default)(_handle,
'borderRadius', '50%'), (0, _defineProperty3.default)(_handle, 'transform', {\n x: 'translate(-50%, -50%)',\n
'x-reverse': 'translate(50%, -50%)',\n y: 'translate(-50%, 50%)',\n 'y-reverse': 'translate(-50%, -50%)\n
}[calculatedAxis]), (0, _defineProperty3.default)(_handle, 'transition', _transitions2.default.easeOut('450ms',
'background') + ', ' + _transitions2.default.easeOut('450ms', 'border-color') + ', ' +
_transitions2.default.easeOut('450ms', 'width') + ', ' + _transitions2.default.easeOut('450ms', 'height')), (0,
_defineProperty3.default)(_handle, 'overflow', 'visible'), (0, _defineProperty3.default)(_handle, 'outline', 'none'),
_handle),\n handleWhenDisabled: {\n boxSizing: 'content-box',\n cursor: 'not-allowed',\n
backgroundColor: trackColor,\n width: handleSizeDisabled,\n height: handleSizeDisabled,\n border:
'none'\n },\n handleWhenPercentZero: {\n border: trackSize + 'px solid ' + handleColorZero,\n
backgroundColor: handleFillColor,\n boxShadow: 'none'\n },\n handleWhenPercentZeroAndDisabled: {\n
cursor: 'not-allowed',\n width: handleSizeDisabled,\n height: handleSizeDisabled\n },\n
handleWhenPercentZeroAndFocused: {\n border: trackSize + 'px solid ' + trackColorSelected\n },\n
handleWhenActive: {\n width: handleSizeActive,\n height: handleSizeActive\n },\n ripple: {\n height:
handleSize,\n width: handleSize,\n overflow: 'visible'\n },\n rippleWhenPercentZero: {\n top: -
trackSize,\n left: -trackSize\n },\n rippleInner: {\n height: '300%',\n width: '300%',\n top: -
handleSize,\n left: -handleSize\n },\n rippleColor: {\n fill: percent === 0 ? handleColorZero :
rippleColor\n } };\n styles.filled = (0, _simpleAssign2.default)({}, styles.filledAndRemaining, (_objectAssign2
= {}), (0, _defineProperty3.default)(_objectAssign2, mainAxisOffsetProperty[calculatedAxis], 0), (0,
_defineProperty3.default)(_objectAssign2, 'backgroundColor', disabled ? trackColor : selectionColor), (0,
_defineProperty3.default)(_objectAssign2, mainAxisMarginFromEnd[calculatedAxis], fillGutter), (0,
_defineProperty3.default)(_objectAssign2, mainAxisProperty[calculatedAxis], 'calc(' + percent * 100 + '%' +
calcDisabledSpacing + ')'), _objectAssign2));\n styles.remaining = (0, _simpleAssign2.default)({},
styles.filledAndRemaining, (_objectAssign3 = {}), (0, _defineProperty3.default)(_objectAssign3,
reverseMainAxisOffsetProperty[calculatedAxis], 0), (0, _defineProperty3.default)(_objectAssign3,
'backgroundColor', (state.hovered || state.focused) && !disabled ? trackColorSelected : trackColor), (0,
_defineProperty3.default)(_objectAssign3, mainAxisMarginFromStart[calculatedAxis], fillGutter), (0,
_defineProperty3.default)(_objectAssign3, mainAxisProperty[calculatedAxis], 'calc(' + (1 - percent) * 100 + '%' +
calcDisabledSpacing + ')'), _objectAssign3));\n return styles;\n};\n\nvar Slider = function (_Component) {\n (0,

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_inherits3.default)(Slider, _Component);\n\n function Slider() {\n  var _ref;\n\n  var _temp, _this, _ret;\n\n  (0, _classCallCheck3.default)(this, Slider);\n\n  for (var _len3 = arguments.length, args = Array(_len3), _key3 = 0; _key3 < _len3; _key3++) {\n    args[_key3] = arguments[_key3];\n  }\n\n  return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = Slider.__proto__ || (0, _getPrototypeOf2.default)(Slider)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n    active: false,\n    dragging: false,\n    focused: false,\n    hovered: false,\n    value: 0\n  }, _this.track = null, _this.handle = null, _this.resolveValue = function (value, min, max) {\n    if (value > max) {\n      return max;\n    }\n\n    if (value < min) {\n      return min;\n    }\n\n    return value;\n  }, _this.handleKeyDown = function (event) {\n    var _this$props = _this.props,\n        axis = _this$props.axis,\n        min = _this$props.min,\n        max = _this$props.max,\n        step = _this$props.step;\n\n    var isRtl = _this.context.muiTheme.isRtl;\n\n    var calculatedAxis = calculateAxis(axis, isRtl);\n\n    var action = void 0;\n\n    switch (((0, _keyCode2.default)(event)) {\n      case 'page down':\n      case 'down':\n        if (calculatedAxis === 'y-reverse') {\n          action = 'increase';\n        } else {\n          action = 'decrease';\n        }\n\n        break;\n\n      case 'left':\n        if (calculatedAxis === 'x-reverse') {\n          action = 'increase';\n        } else {\n          action = 'decrease';\n        }\n\n        break;\n\n      case 'page up':\n      case 'up':\n        if (calculatedAxis === 'y-reverse') {\n          action = 'decrease';\n        } else {\n          action = 'increase';\n        }\n\n        break;\n\n      case 'right':\n        if (calculatedAxis === 'x-reverse') {\n          action = 'decrease';\n        } else {\n          action = 'increase';\n        }\n\n        break;\n\n      case 'home':\n        action = 'min';\n        break;\n\n      case 'end':\n        action = 'max';\n        break;\n    }) {\n      var newValue = void 0; // Cancel scroll\n      event.preventDefault();\n\n      switch (action) {\n        case 'decrease':\n          newValue = _this.state.value - step;\n          break;\n\n        case 'increase':\n          newValue = _this.state.value + step;\n          break;\n\n        case 'min':\n          newValue = min;\n          break;\n\n        case 'max':\n          newValue = max;\n          break;\n      } // We need to use toFixed() because of float point errors.\n      // For example, 0.01 + 0.06 = 0.06999999999999999\n      newValue = _this.resolveValue(parseFloat(newValue.toFixed(5)), min, max);\n\n      if (_this.state.value !== newValue) {\n        _this.setState({\n          value: newValue\n        });\n\n        if (_this.props.onChange) {\n          _this.props.onChange(event, newValue);\n        }\n      }\n\n      _this.handleDragMouseMove = function (event) {\n        _this.onDragUpdate(event, 'mouse');\n      },\n      _this.handleTouchMove = function (event) {\n        _this.onDragUpdate(event, 'touch');\n      },\n      _this.handleMouseDown = function (event) {\n        document.removeEventListener('mousemove', _this.handleDragMouseMove);\n        document.removeEventListener('mouseup', _this.handleMouseDown);\n        _this.onDragStop(event);\n      },\n      _this.handleTouchEnd = function (event) {\n        document.removeEventListener('touchmove', _this.handleTouchMove);\n        document.removeEventListener('touchup', _this.handleTouchEnd);\n        document.removeEventListener('touchend', _this.handleTouchEnd);\n      },\n      _this.onDragStop = function (event) {\n        document.removeEventListener('touchcancel', _this.handleTouchEnd);\n      },\n      _this.onDragStart = function (event) {\n        var _this$props2 = _this.props,\n            axis = _this$props2.axis,\n            disabled = _this$props2.disabled;\n\n        var isRtl = _this.context.muiTheme.isRtl;\n\n        if (disabled) {\n          return;\n        }\n\n        var calculatedAxis = calculateAxis(axis, isRtl);\n\n        var position = void 0;\n\n        if (isMouseControlInverted(calculatedAxis)) {\n          position = _this.getTrackOffset() - event.touches[0][mainAxisClientOffsetProperty[calculatedAxis]]; \n        } else {\n          position = event.touches[0][mainAxisClientOffsetProperty[calculatedAxis]] - _this.getTrackOffset();\n        }\n\n        _this.setValueFromPosition(event, position);\n\n        document.addEventListener('touchmove', _this.handleTouchMove);\n        document.addEventListener('touchup', _this.handleTouchEnd);\n        document.addEventListener('touchend', _this.handleTouchEnd);\n        document.addEventListener('touchcancel', _this.handleTouchEnd);\n      },\n      _this.onDragStart = function (event) {\n        // Cancel scroll and context menu\n        event.preventDefault();\n      },\n      _this.handleFocus = function (event) {\n        _this.setState({\n          focused: true\n        });\n\n        if (_this.props.onFocus) {\n          _this.props.onFocus(event);\n        }\n      },\n      _this.handleBlur = function (event) {\n        _this.setState({\n          focused: false,\n          active: false\n        });\n\n        if (_this.props.onBlur) {\n          _this.props.onBlur(event);\n        }\n      },\n      _this.handleMouseDown = function (event) {\n        var _this$props3 =

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_this.props,\n      axis = _this$props3.axis,\n      disabled = _this$props3.disabled;\n      var isRtl =\n      _this.context.muiTheme.isRtl;\n      if (disabled) {\n        return;\n      }\n      var calculatedAxis =\n      calculateAxis(axis, isRtl);\n      var position = void 0;\n      if (isMouseControlInverted(calculatedAxis)) {\n        position = _this.getTrackOffset() - event[mainAxisClientOffsetProperty[calculatedAxis]];\n      } else {\n        position = event[mainAxisClientOffsetProperty[calculatedAxis]] - _this.getTrackOffset();\n      }\n      _this.setValueFromPosition(event, position);\n      document.addEventListener('mousemove',\n      _this.handleDragMouseMove);\n      document.addEventListener('mouseup', _this.handleMouseEnd); // Cancel text\n      selection\n      event.preventDefault(); // Set focus manually since we called preventDefault()\n      _this.handle.focus();\n      _this.onDragStart(event);\n    }, _this.handleMouseUp = function () {\n      if\n      (!_this.props.disabled) {\n        _this.setState({\n          active: false\n        });\n      }\n    }, _this.handleMouseEnter =\n      function () {\n        _this.setState({\n          hovered: true\n        });\n      }, _this.handleMouseLeave = function () {\n        _this.setState({\n          hovered: false\n        });\n      }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n    }\n    (0, _createClass3.default)(Slider, [{\n      key: 'componentWillMount',\n      value: function\n      componentWillMount() {\n        var _props = this.props,\n            defaultValue = _props.defaultValue,\n            min =\n            _props.min,\n            max = _props.max;\n        var value = this.props.value;\n        if (value === undefined) {\n          value = defaultValue !== undefined ? defaultValue : min;\n        }\n        this.setState({\n          value:\n          this.resolveValue(value, min, max)\n        });\n      }, {\n      key: 'componentWillReceiveProps',\n      value: function\n      componentWillReceiveProps(nextProps) {\n        if (nextProps.value !== undefined && !this.state.dragging) {\n          var _nextProps$min = nextProps.min,\n              min = _nextProps$min === undefined ? this.props.min :\n              _nextProps$min,\n              _nextProps$max = nextProps.max,\n              max = _nextProps$max === undefined ?\n              this.props.max : _nextProps$max;\n          this.setState({\n            value: this.resolveValue(nextProps.value, min,\n            max)\n          });\n        }\n      }, {\n      key: 'getValue',\n      value: function\n      getValue() {\n        process.env.NODE_ENV !== "production" ? (0, _warning2.default)(false, 'Material-UI Slider: getValue() method\n        is deprecated.\\n Use the onChange callbacks instead.\\n It will be removed with v0.17.0.'): void 0;\n        return this.state.value;\n      }, {\n      key: 'clearValue',\n      value: function\n      clearValue() {\n        process.env.NODE_ENV !== "production" ? (0, _warning2.default)(false, 'Material-UI Slider: clearValue()\n        method is deprecated.\\n Use the value property to control the component instead.\\n It will be removed with\n        v0.17.0.'): void 0;\n        this.setState({\n          value: this.props.min\n        });\n      }, {\n      key: 'getTrackOffset',\n      value: function\n      getTrackOffset() {\n        var axis = this.props.axis;\n        var isRtl = this.context.muiTheme.isRtl;\n        var calculatedAxis = calculateAxis(axis, isRtl);\n        if (!this.track) return 0;\n        return\n        this.track.getBoundingClientRect()[mainAxisOffsetProperty[calculatedAxis]];\n      }, {\n      key: 'onDragStart',\n      value: function\n      onDragStart(event) {\n        this.setState({\n          dragging: true,\n          active: true\n        });\n        if\n        (this.props.onDragStart) {\n          this.props.onDragStart(event);\n        }\n      }, {\n      key: 'onDragUpdate',\n      value: function\n      onDragUpdate(event, type) {\n        var _this2 = this;\n        var _props2 = this.props,\n            axis =\n            _props2.axis,\n            disabled = _props2.disabled;\n        var isRtl = this.context.muiTheme.isRtl;\n        if\n        (this.dragRunning) {\n          return;\n        }\n        this.dragRunning = true;\n        requestAnimationFrame(function ()\n        {\n          _this2.dragRunning = false;\n          var calculatedAxis = calculateAxis(axis, isRtl);\n          var source = type\n          === 'touch' ? event.touches[0] : event;\n          var position = void 0;\n          if\n          (isMouseControlInverted(calculatedAxis)) {\n            position = _this2.getTrackOffset() -\n            source[mainAxisClientOffsetProperty[calculatedAxis]];\n          } else {\n            position =\n            source[mainAxisClientOffsetProperty[calculatedAxis]] - _this2.getTrackOffset();\n          }\n          if (!disabled) {\n            _this2.setValueFromPosition(event, position);\n          }\n        });\n      }, {\n      key: 'onDragStop',\n      value:\n      function\n      onDragStop(event) {\n        this.setState({\n          dragging: false,\n          active: false\n        });\n        if\n        (this.props.onDragStop) {\n          this.props.onDragStop(event);\n        }\n      }, {\n      key:\n      'setValueFromPosition',\n      value: function\n      setValueFromPosition(event, position) {\n        var _props3 =\n        this.props,\n            axis = _props3.axis,\n            step = _props3.step,\n            min = _props3.min,\n            max =\n            _props3.max;\n        var isRtl = this.context.muiTheme.isRtl;\n        var calculatedAxis = calculateAxis(axis, isRtl);\n        var positionMax = this.track[mainAxisClientProperty[calculatedAxis]];\n        var value = void 0;\n        if (position

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<= 0) {\n      value = min;\n    } else if (position >= positionMax) {\n      value = max;\n    } else {\n      value
= position / positionMax * (max - min);\n      value = Math.round(value / step) * step + min;\n      value =
parseFloat(value.toFixed(5));\n    }\n\n    value = this.resolveValue(value, min, max);\n\n    if (this.state.value
!== value) {\n      this.setState({\n        value: value\n      });\n\n      if (this.props.onChange) {\n
this.props.onChange(event, value);\n      }\n    }, {\n      key: 'render',\n      value: function render() {\n
var _this3 = this;\n      var _props4 = this.props,\n          axis = _props4.axis,\n          disabled = _props4.disabled,\n          disableFocusRipple = _props4.disableFocusRipple,\n          max = _props4.max,\n          min = _props4.min,\n          name = _props4.name,\n          onBlur = _props4.onBlur,\n          onChange = _props4.onChange,\n          onDragStart = _props4.onDragStart,\n          onDragStop = _props4.onDragStop,\n          onFocus =
_props4.onFocus,\n          required = _props4.required,\n          sliderStyle = _props4.sliderStyle,\n          step =
_props4.step,\n          style = _props4.style,\n          propValue = _props4.value,\n          other = (0,
_objectWithoutProperties3.default)(_props4, ['axis', 'disabled', 'disableFocusRipple', 'max', 'min', 'name', 'onBlur',
'onChange', 'onDragStart', 'onDragStop', 'onFocus', 'required', 'sliderStyle', 'step', 'style', 'value']);\n      var _state =
this.state,\n          active = _state.active,\n          focused = _state.focused,\n          hovered = _state.hovered,\n
value = _state.value;\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles =
getStyles(this.props, this.context, this.state);\n      var percent = getPercent(value, min, max);\n      var handleStyles
= {};\n\n      if (percent === 0) {\n        handleStyles = (0, _simpleAssign2.default)({}, styles.handle,
styles.handleWhenPercentZero, active && styles.handleWhenActive, (hovered || focused) && !disabled &&
styles.handleWhenPercentZeroAndFocused, disabled && styles.handleWhenPercentZeroAndDisabled);\n      } else
{\n        handleStyles = (0, _simpleAssign2.default)({}, styles.handle, active && styles.handleWhenActive, disabled
&& styles.handleWhenDisabled);\n      }\n\n      var rippleStyle = (0, _simpleAssign2.default)({}, styles.ripple,
percent === 0 && styles.rippleWhenPercentZero);\n      return _react2.default.createElement('div', (0,
_extends3.default)({}, other, {\n        style: prepareStyles((0, _simpleAssign2.default)({}, style))\n      })),
_react2.default.createElement('div', {\n        style: prepareStyles((0, _simpleAssign2.default)({}, styles.slider,
sliderStyle)),\n        onFocus: this.handleFocus,\n        onBlur: this.handleBlur,\n        onMouseDown:
this.handleMouseDown,\n        onMouseEnter: this.handleMouseEnter,\n        onMouseLeave:
this.handleMouseLeave,\n        onMouseUp: this.handleMouseUp,\n        onTouchStart: this.handleTouchStart,\n
onKeyDown: !disabled ? this.handleKeyDown : undefined\n      }, _react2.default.createElement('div', {\n        ref:
function ref(node) {\n          return _this3.track = node;\n        },\n        style: prepareStyles(styles.track)\n      })),
_react2.default.createElement('div', {\n        style: prepareStyles(styles.filled)\n      })),
_react2.default.createElement('div', {\n        style: prepareStyles(styles.remaining)\n      })),
_react2.default.createElement('div', {\n        ref: function ref(node) {\n          return _this3.handle = node;\n        },\n
style: prepareStyles(handleStyles),\n        tabIndex: 0\n      }, !disabled && !disableFocusRipple &&
_react2.default.createElement(_FocusRipple2.default, {\n        style: rippleStyle,\n        innerStyle:
styles.rippleInner,\n        show: (hovered || focused) && !active,\n        color: styles.rippleColor.fill\n      }))),
_react2.default.createElement('input', {\n        type: 'hidden',\n        name: name,\n        value: value,\n        required:
required,\n        min: min,\n        max: max,\n        step: step\n      }));\n    }\n  });\n  return
Slider;\n})(_react.Component);\n\nSlider.defaultProps = {\n  axis: 'x',\n  disabled: false,\n  disableFocusRipple:
false,\n  max: 1,\n  min: 0,\n  required: true,\n  step: 0.01,\n  style: {}\n};\n\nSlider.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\n\nSlider.propTypes = process.env.NODE_ENV !== "production" ? {\n
/**\n * The axis on which the slider will slide.\n */\n  axis: _propTypes2.default.oneOf(['x', 'x-reverse', 'y', 'y-
reverse']),\n  /**\n * The default value of the slider.\n */\n  defaultValue: valueInRangePropType,\n  /**\n *
Disables focus ripple if set to true.\n */\n  disableFocusRipple: _propTypes2.default.bool,\n  /**\n * If true, the
slider will not be interactable.\n */\n  disabled: _propTypes2.default.bool,\n  /**\n * The maximum value the
slider can slide to\n */\n  max: _propTypes2.default.number,\n  /**\n * a scale from 0 to 1 inclusive. Cannot be equal to min.\n */\n  max:
minMaxPropType,\n  /**\n * The minimum value the slider can slide to on a scale\n */\n  min: _propTypes2.default.number,\n
/**\n * from 0 to 1 inclusive. Cannot be equal to max.\n */\n  min: minMaxPropType,\n  /**\n * The name of the slider. Behaves like the
name attribute\n */\n  name: _propTypes2.default.string,\n  /**\n * @ignore\n */\n  onBlur:

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`_propTypes2.default.func,`
`/**` * Callback function that is fired when the slider's value changed.`\n` *
`@param` {object} event KeyDown event targeting the slider.`\n` * `@param` {number} newValue The new value of the slider.`\n` */
`onChange:` `_propTypes2.default.func,`
`/**` * Callback function that is fired when the slider has begun to move.`\n` *
`@param` {object} event MouseDown or TouchStart event targeting the slider.`\n` */
`onDragStart:` `_propTypes2.default.func,`
`/**` * Callback function that is fired when the slide has stopped moving.`\n` *
`@param` {object} event MouseEnd or TouchEnd event targeting the slider.`\n` */
`onDragStop:` `_propTypes2.default.func,`
`/**` * `@ignore` *
`onFocus:` `_propTypes2.default.func,`
`/**` * Whether or not the slider is required in a form.`\n` */
`required:` `_propTypes2.default.bool,`
`/**` * Override the inline-styles of the inner slider element.`\n` */
`sliderStyle:` `_propTypes2.default.object,`
`/**` * The granularity the slider can step through values.`\n` */
`step:` `_propTypes2.default.number,`
`/**` * Override the inline-styles of the root element.`\n` */
`style:` `_propTypes2.default.object,`
`/**` * The value of the slider.`\n` */
`value:` `valueInRangePropType`
`} : {};`
`exports.default = Slider;`
`,"use strict";`
`\nObject.defineProperty(exports, \"__esModule\", {`
`value: true`
`});`
`\nvar _react = require('react');`
`\nvar _react2 = _interopRequireDefault(_react);`
`\nvar _pure = require('recompose/pure');`
`\nvar _pure2 = _interopRequireDefault(_pure);`
`\nvar _SvgIcon = require('./../SvgIcon');`
`\nvar _SvgIcon2 = _interopRequireDefault(_SvgIcon);`
`\nfunction _interopRequireDefault(obj) {`
`return obj && obj.__esModule ?`
`obj : {`
`default: obj`
`};`
`\n}`
`\nvar ActionCheckCircle = function ActionCheckCircle(props) {`
`return _react2.default.createElement(_SvgIcon2.default, props, _react2.default.createElement('path', {`
`d: 'M12 2C6.48 2 2 6.48 2 12s4.48 10 10 10-4.48 10-10 10-10S17.52 2 12 2zm-2 15l-5-5 1.41-1.41L10 14.17l7.59-7.59L19 8l-9 9z'`
`});`
`\n}`
`\nActionCheckCircle = (0, _pure2.default)(ActionCheckCircle);`
`\nActionCheckCircle.displayName = 'ActionCheckCircle';`
`\nActionCheckCircle.muiName = 'SvgIcon';`
`\nexports.default = ActionCheckCircle;`
`,"use strict";`
`\nObject.defineProperty(exports, \"__esModule\", {`
`value: true`
`});`
`\nvar _extends2 = require('babel-runtime/helpers/extends');`
`\nvar _extends3 = _interopRequireDefault(_extends2);`
`\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');`
`\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);`
`\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');`
`\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);`
`\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');`
`\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);`
`\nvar _createClass2 = require('babel-runtime/helpers/createClass');`
`\nvar _createClass3 = _interopRequireDefault(_createClass2);`
`\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');`
`\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);`
`\nvar _inherits2 = require('babel-runtime/helpers/inherits');`
`\nvar _inherits3 = _interopRequireDefault(_inherits2);`
`\nvar _simpleAssign = require('simple-assign');`
`\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);`
`\nvar _react = require('react');`
`\nvar _react2 = _interopRequireDefault(_react);`
`\nvar _propTypes = require('prop-types');`
`\nvar _propTypes2 = _interopRequireDefault(_propTypes);`
`\nvar _TransitionGroup = require('react-transition-group/TransitionGroup');`
`\nvar _TransitionGroup2 = _interopRequireDefault(_TransitionGroup);`
`\nvar _ExpandTransitionChild = require('./ExpandTransitionChild');`
`\nvar _ExpandTransitionChild2 = _interopRequireDefault(_ExpandTransitionChild);`
`\nfunction _interopRequireDefault(obj) {`
`return obj && obj.__esModule ?`
`obj : {`
`default: obj`
`};`
`\n}`
`\nvar ExpandTransition = function (_Component) {`
`(0, _inherits3.default)(ExpandTransition, _Component);`
`\n function ExpandTransition() {`
`(0, _classCallCheck3.default)(this, ExpandTransition);`
`return (0, _possibleConstructorReturn3.default)(this, (ExpandTransition.__proto__ || (0, _getPrototypeOf2.default)(ExpandTransition)).apply(this, arguments));`
`\n }`
`(0, _createClass3.default)(ExpandTransition, [{`
`key: 'renderChildren',`
`value: function renderChildren(children) {`
`var _props = this.props,`
`enterDelay = _props.enterDelay,`
`transitionDelay = _props.transitionDelay,`
`transitionDuration = _props.transitionDuration,`
`expandTransitionChildStyle = _props.expandTransitionChildStyle;`
`return`
`_react2.default.Children.map(children, function (child) {`
`return`


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_react2.default.createElement(_ExpandTransitionChild2.default, {\n      enterDelay: enterDelay,\n      transitionDelay: transitionDelay,\n      transitionDuration: transitionDuration,\n      key: child.key,\n      style: expandTransitionChildStyle\n    }, child);\n  }, this);\n  }\n }, {\n  key: 'render',\n  value: function render()\n  {\n    var _props2 = this.props,\n        children = _props2.children,\n        enterDelay = _props2.enterDelay,\n        loading = _props2.loading,\n        open = _props2.open,\n        style = _props2.style,\n        transitionDelay = _props2.transitionDelay,\n        transitionDuration = _props2.transitionDuration,\n        expandTransitionChildStyle = _props2.expandTransitionChildStyle,\n        other = (0, _objectWithoutProperties3.default)(_props2, ['children', 'enterDelay', 'loading', 'open', 'style', 'transitionDelay', 'transitionDuration', 'expandTransitionChildStyle']);\n    var prepareStyles = this.context.muiTheme.prepareStyles;\n    var mergedRootStyles = (0, _simpleAssign2.default)({}, {\n      position: 'relative',\n      overflow: 'hidden',\n      height: 'auto'\n    }, style);\n    var newChildren = loading ? [] : this.renderChildren(children);\n    return _react2.default.createElement(_TransitionGroup2.default, (0, _extends3.default)({\n      style: prepareStyles(mergedRootStyles),\n      component: 'div'\n    }, other), open && newChildren);\n  }\n }]);\n  return ExpandTransition;\n})(_react.Component);\n\nExpandTransition.defaultProps = {\n  enterDelay: 0,\n  transitionDelay: 0,\n  transitionDuration: 450,\n  loading: false,\n  open: false\n};\n\nExpandTransition.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nExpandTransition.propTypes = process.env.NODE_ENV !== \"production\" ? {\n  children: _propTypes2.default.node,\n  enterDelay: _propTypes2.default.number,\n  expandTransitionChildStyle: _propTypes2.default.object,\n  loading: _propTypes2.default.bool,\n  open: _propTypes2.default.bool,\n  style: _propTypes2.default.object,\n  transitionDelay: _propTypes2.default.number,\n  transitionDuration: _propTypes2.default.number\n} : {};\n\nexports.default = ExpandTransition;\",\"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _interopRequireDefault = _interopRequireDefaultDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 = _interopRequireDefaultDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefaultDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefaultDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefaultDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 = _interopRequireDefaultDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefaultDefault(_inherits2);\n\nvar _simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefaultDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefaultDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 = _interopRequireDefaultDefault(_propTypes);\n\nvar _reactDom = require('react-dom');\n\nvar _reactDom2 = _interopRequireDefaultDefault(_reactDom);\n\nvar _transitions = require('../styles/transitions');\n\nvar _transitions2 = _interopRequireDefaultDefault(_transitions);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  }\n}\n\nvar reflow = function reflow(elem) {\n  return elem.offsetHeight;\n};\n\nvar ExpandTransitionChild = function (_Component) {\n  (0, _inherits3.default)(ExpandTransitionChild, _Component);\n\n  function ExpandTransitionChild()\n  (0, _classCallCheck3.default)(this, ExpandTransitionChild);\n\n  return (0, _possibleConstructorReturn3.default)(this, (ExpandTransitionChild.__proto__ || (0, _getPrototypeOf2.default)(ExpandTransitionChild)).apply(this, arguments));\n}\n\n(0, _createClass3.default)(ExpandTransitionChild, [{\n  key: 'componentWillUnmount',\n  value: function componentWillUnmount()\n  {\n    clearTimeout(this.enterTimer);\n    clearTimeout(this.enteredTimer);\n    clearTimeout(this.leaveTimer);\n  }\n }, {\n  key: 'componentWillAppear',\n  value: function componentWillAppear(callback)\n  {\n    this.open();\n    callback();\n  }\n }, {\n  key: 'componentDidAppear',\n  value: function componentDidAppear()\n  {\n    this.setAutoHeight();\n  }\n }]);\n
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    }
  }, {
    key: 'componentWillEnter',
    value: function componentWillEnter(callback) {
      var _this2 = this;
      var _props = this.props,
          enterDelay = _props.enterDelay,
          transitionDelay = _props.transitionDelay,
          transitionDuration = _props.transitionDuration;
      var element = _reactDom2.default.findDOMNode(this);
      element.style.height = 0;
      this.enterTimer = setTimeout(function () {
        return _this2.open();
      }, enterDelay);
      this.enteredTimer = setTimeout(function () {
        return callback();
      }, enterDelay + transitionDelay + transitionDuration);
    }
  }, {
    key: 'componentDidEnter',
    value: function componentDidEnter() {
      this.setAutoHeight();
    }
  }, {
    key: 'componentWillLeave',
    value: function componentWillLeave(callback) {
      var _props2 = this.props,
          transitionDelay = _props2.transitionDelay,
          transitionDuration = _props2.transitionDuration;
      var element = _reactDom2.default.findDOMNode(this);
      // Set fixed height first for animated property value
      element.style.height = this.refs.wrapper.clientHeight + 'px';
      reflow(element);
      element.style.transitionDuration = transitionDuration + 'ms';
      element.style.height = 0;
      this.leaveTimer = setTimeout(function () {
        return callback();
      }, transitionDelay + transitionDuration);
    }
  }, {
    key: 'setAutoHeight',
    value: function setAutoHeight() {
      var _ReactDOM$findDOMNode = _reactDom2.default.findDOMNode(this),
          style = _ReactDOM$findDOMNode.style;
      style.transitionDuration = 0;
      style.height = 'auto';
    }
  }, {
    key: 'open',
    value: function open() {
      var element = _reactDom2.default.findDOMNode(this);
      element.style.height = this.refs.wrapper.clientHeight + 'px';
    }
  }, {
    key: 'render',
    value: function render() {
      var _props3 = this.props,
          children = _props3.children,
          enterDelay = _props3.enterDelay,
          style = _props3.style,
          transitionDelay = _props3.transitionDelay,
          transitionDuration = _props3.transitionDuration,
          other = (0, _objectWithoutProperties3.default)(_props3, ['children', 'enterDelay', 'style', 'transitionDelay', 'transitionDuration']);
      var prepareStyles = this.context.muiTheme.prepareStyles;
      var mergedRootStyles = (0, _simpleAssign2.default)({
        position: 'relative',
        height: 0,
        width: '100%',
        top: 0,
        left: 0,
        overflow: 'hidden',
        transition: _transitions2.default.easeOut(transitionDuration + 'ms', ['height', transitionDelay + 'ms'])
      }, style);
      return _react2.default.createElement('div', (0, _extends3.default)({}, other, {
        style: prepareStyles(mergedRootStyles)
      })), _react2.default.createElement('div', {
        ref: 'wrapper'
      }, children);
    }
  });
  return ExpandTransitionChild;
})(_react.Component);
ExpandTransitionChild.defaultProps = {
  enterDelay: 0,
  transitionDelay: 0,
  transitionDuration: 450
};
ExpandTransitionChild.contextTypes = {
  muiTheme: _propTypes2.default.object.isRequired
};
ExpandTransitionChild.propTypes = process.env.NODE_ENV !== "production" ? {
  children: _propTypes2.default.node,
  enterDelay: _propTypes2.default.number,
  style: _propTypes2.default.object,
  transitionDelay: _propTypes2.default.number,
  transitionDuration: _propTypes2.default.number
} : {};
exports.default = ExpandTransitionChild;
"use strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
exports.PlainStepConnector = undefined;
var _react = require('react');
var _react2 = _interopRequireDefault(_react);
var _propTypes = require('prop-types');
var _propTypes2 = _interopRequireDefault(_propTypes);
var _pure = require('recompose/pure');
var _pure2 = _interopRequireDefault(_pure);
function _interopRequireDefault(obj) {
  return obj && obj.__esModule ? obj : {
    default: obj
  };
}
var propTypes = {
  /**
   * Override the inline-style of the root element.
   */
  style: _propTypes2.default.object
};
var contextTypes = {
  muiTheme: _propTypes2.default.object.isRequired,
  stepper: _propTypes2.default.object
};
var StepConnector = function StepConnector(props, context) {
  var muiTheme = context.muiTheme,
      stepper = context.stepper;
  var styles = {
    wrapper: {
      flex: '1 1 auto'
    },
    line: {
      display: 'block',
      borderColor: muiTheme.stepper.connectorLineColor
    }
  };
  /**
   * Clean up once we can use CSS pseudo elements
   */
  if (stepper.orientation === 'horizontal') {
    styles.line.marginLeft = -6;
    styles.line.borderTopStyle = 'solid';
    styles.line.borderTopWidth = 1;
  } else if (stepper.orientation === 'vertical') {
    styles.wrapper.marginLeft = 14 + 11; // padding + 1/2 icon
    styles.line.borderLeftStyle = 'solid';
    styles.line.borderLeftWidth = 1;
    styles.line.minHeight = 28;
  }
  var prepareStyles = muiTheme.prepareStyles;
  return _react2.default.createElement('div', {
    style: prepareStyles(styles.wrapper)
  }

```

```

}, _react2.default.createElement('span', {\n  style: prepareStyles(styles.line)\n
}));\n};\n\nStepConnector.propTypes = process.env.NODE_ENV !== \"production\" ? propTypes :
{};\nStepConnector.contextTypes = contextTypes;\nexports.PlainStepConnector = StepConnector;\nexports.default
= (0, _pure2.default)(StepConnector);\", \"use strict\";\n\nObject.defineProperty(exports, \"__esModule\", {\n value:
true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\nvar _extends3 =
_interopRequireDefault(_extends2);\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\nvar _getPrototypeOf = require('babel-runtime/core-
js/object/get-prototype-of');\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\nvar
_classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\nvar _classCallCheck3 =
_interopRequireDefault(_classCallCheck2);\nvar _createClass2 = require('babel-
runtime/helpers/createClass');\nvar _createClass3 = _interopRequireDefault(_createClass2);\nvar
_possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\nvar
_possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\nvar _inherits2 =
require('babel-runtime/helpers/inherits');\nvar _inherits3 = _interopRequireDefault(_inherits2);\nvar
_simpleAssign = require('simple-assign');\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\nvar
_react = require('react');\nvar _react2 = _interopRequireDefault(_react);\nvar _propTypes = require('prop-
types');\nvar _propTypes2 = _interopRequireDefault(_propTypes);\nvar _transitions =
require('./styles/transitions');\nvar _transitions2 = _interopRequireDefault(_transitions);\nvar
_ClickAwayListener = require('./internal/ClickAwayListener');\nvar _ClickAwayListener2 =
_interopRequireDefault(_ClickAwayListener);\nvar _SnackbarBody = require('./SnackbarBody');\nvar
_SnackbarBody2 = _interopRequireDefault(_SnackbarBody);\n\nfunction _interopRequireDefault(obj) {\n return
obj && obj.__esModule ? obj : {\n  default: obj\n };}\n\nfunction getStyles(props, context, state) {\n var
_context$muiTheme = context.muiTheme,\n  desktopSubheaderHeight =
_context$muiTheme.baseTheme.spacing.desktopSubheaderHeight,\n  zIndex = _context$muiTheme.zIndex;\n var open = state.open;\n var styles = {\n  root: {\n  position: 'fixed',\n  left: '50%',\n  display: 'flex',\n
bottom: 0,\n  zIndex: zIndex.snackbar,\n  visibility: open ? 'visible' : 'hidden',\n  transform: open ? 'translate(-
50%, 0)' : 'translate(-50%, ' + desktopSubheaderHeight + 'px)',\n  transition:
_transitions2.default.easeOut('400ms', 'transform') + ', ' + _transitions2.default.easeOut('400ms', 'visibility')\n  }\n
};\n return styles;\n}\n\nvar Snackbar = function (_Component) {\n (0, _inherits3.default)(Snackbar,
_Component);\n\n function Snackbar() {\n  var _ref;\n  var _temp, _this, _ret;\n  (0,
_classCallCheck3.default)(this, Snackbar);\n  for (var _len = arguments.length, args = Array(_len), _key = 0;
_key < _len; _key++) {\n    args[_key] = arguments[_key];\n  }\n  return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = Snackbar.__proto__ || (0,
_getPrototypeOf2.default)(Snackbar)).call.apply(_ref, [this].concat(args))), _this), _this.componentClickAway =
function () {\n    if (_this.timerTransitionId) {\n      // If transitioning, don't close the snackbar.\n      return;\n
}\n\n    if (_this.props.open !== null && _this.props.onRequestClose) {\n      _this.props.onRequestClose(Snackbar.reasons.CLICKAWAY);\n    } else {\n      _this.setState({\n        open:
false\n      });\n    }\n  }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n }\n\n (0,
_createClass3.default)(Snackbar, [{\n  key: 'componentWillMount',\n  value: function componentWillMount() {\n
this.setState({\n  open: this.props.open,\n  message: this.props.message,\n  action: this.props.action\n
});\n }\n }, {\n  key: 'componentDidMount',\n  value: function componentDidMount() {\n  if
(this.state.open) {\n    this.setAutoHideTimer();\n    this.setTransitionTimer();\n  }\n }\n }, {\n  key:
'componentWillReceiveProps',\n  value: function componentWillReceiveProps(nextProps) {\n  var _this2 =
this;\n\n  if (this.props.open && nextProps.open && (nextProps.message !== this.props.message ||
nextProps.action !== this.props.action)) {\n    this.setState({\n      open: false\n    });\n\n    clearTimeout(this.timerOneAtTheTimeId);\n    this.timerOneAtTheTimeId = setTimeout(function () {\n
_this2.setState({\n      message: nextProps.message,\n      action: nextProps.action,\n      open: true\n
}

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});\n      }, 400);\n    } else {\n      var open = nextProps.open;\n      this.setState({\n        open: open !== null ?\n        open : this.state.open,\n        message: nextProps.message,\n        action: nextProps.action\n      });\n    }\n  }, {\n    key: 'componentDidUpdate',\n    value: function componentDidUpdate(prevProps, prevState) {\n      if\n      (prevState.open !== this.state.open) {\n        if (this.state.open) {\n          this.setAutoHideTimer();\n          this.setTransitionTimer();\n        } else {\n          clearTimeout(this.timerAutoHideId);\n        }\n      }\n    }, {\n    key: 'componentWillUnmount',\n    value: function componentWillUnmount() {\n      clearTimeout(this.timerAutoHideId);\n      clearTimeout(this.timerTransitionId);\n      clearTimeout(this.timerOneAtTheTimeId);\n    }\n  }, {\n    key: 'setAutoHideTimer',\n    // Timer that controls delay\n    before snackbar auto hides\n    value: function setAutoHideTimer() {\n      var _this3 = this;\n      var\n      autoHideDuration = this.props.autoHideDuration;\n      if (autoHideDuration > 0) {\n        clearTimeout(this.timerAutoHideId);\n        this.timerAutoHideId = setTimeout(function () {\n          if\n          (_this3.props.open !== null && _this3.props.onRequestClose) {\n            _this3.props.onRequestClose(Snackbar.reasons.TIMEOUT);\n          } else {\n            _this3.setState({\n              open: false\n            });\n          }\n        }, autoHideDuration);\n      }\n    } // Timer that controls delay before click-\n    away events are captured (based on when animation completes)\n  }, {\n    key: 'setTransitionTimer',\n    value:\n    function setTransitionTimer() {\n      var _this4 = this;\n      this.timerTransitionId = setTimeout(function () {\n        _this4.timerTransitionId = undefined;\n      }, 400);\n    }, {\n    key: 'render',\n    value: function render() {\n      var _props = this.props,\n          autoHideDuration = _props.autoHideDuration,\n          contentType =\n          _props.contentType,\n          bodyStyle = _props.bodyStyle,\n          messageProp = _props.message,\n          onRequestClose = _props.onRequestClose,\n          onClick = _props.onClick,\n          style =\n          _props.style,\n          other = (0, _objectWithoutProperties3.default)(_props, ['autoHideDuration', 'contentType',\n          'bodyStyle', 'message', 'onRequestClose', 'onClick', 'style']);\n      var _state = this.state,\n          action =\n          _state.action,\n          message = _state.message,\n          open = _state.open;\n      var prepareStyles =\n      this.context.muiTheme.prepareStyles;\n      var styles = getStyles(this.props, this.context, this.state);\n      return\n      _react2.default.createElement(_ClickAwayListener2.default, {\n        onClickAway: open ?\n        this.componentClickAway : null\n      }, _react2.default.createElement('div', (0, _extends3.default)({}, other, {\n        style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n      })),\n      _react2.default.createElement(_SnackbarBody2.default, {\n        action: action,\n        contentType: contentType,\n        message: message,\n        open: open,\n        onClick: onClick,\n        style: bodyStyle\n      }));\n    }\n  });\n  return Snackbar;)(_react.Component);\n\nSnackbar.contextTypes = {\n  muiTheme:\n  _propTypes2.default.object.isRequired\n};\n\nSnackbar.reasons = {\n  CLICKAWAY: 'clickaway',\n  TIMEOUT:\n  'timeout'\n};\n\nSnackbar.propTypes = process.env.NODE_ENV !== \"production\" ? {\n  /**\n   * The label for the\n   action on the snackbar.\n   *\n   action: _propTypes2.default.node,\n   /**\n   * The number of milliseconds to wait\n   before automatically dismissing.\n   *\n   If no value is specified the snackbar will dismiss normally.\n   *\n   If a value is\n   provided the snackbar can still be dismissed normally.\n   *\n   If a snackbar is dismissed before the timer expires, the\n   timer will be cleared.\n   *\n   autoHideDuration: _propTypes2.default.number,\n   /**\n   * Override the inline-\n   styles of the body element.\n   *\n   bodyStyle: _propTypes2.default.object,\n   /**\n   * The css class name of the\n   root element.\n   *\n   className: _propTypes2.default.string,\n   /**\n   * Override the inline-styles of the content\n   element.\n   *\n   contentType: _propTypes2.default.object,\n   /**\n   * The message to be displayed.\n   *\n   *\n   (Note: If the message is an element or array, and the `Snackbar` may re-render while it is still open,\n   * ensure that\n   the same object remains as the `message` property if you want to avoid the `Snackbar` hiding and\n   * showing\n   again)\n   *\n   message: _propTypes2.default.node.isRequired,\n   /**\n   * Fired when the action button is\n   clicked.\n   *\n   * @param {object} event Action button event.\n   *\n   onClick:\n   _propTypes2.default.func,\n   /**\n   * Fired when the `Snackbar` is requested to be closed by a click outside the\n   `Snackbar`, or after the\n   * `autoHideDuration` timer expires.\n   *\n   * Typically `onRequestClose` is used to set\n   state in the parent component, which is used to control the `Snackbar`\n   * `open` prop.\n   *\n   * The `reason`\n   parameter can optionally be used to control the response to `onRequestClose`,\n   * for example ignoring\n   `clickaway`.\n   *\n   * @param {string} reason Can be: `\"timeout\"` ( `autoHideDuration` expired) or:

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\`clickaway\`\n *^/n onRequestClose: _propTypes2.default.func,\n\n /**\n * Controls whether the `Snackbar`
is opened or not.\n *^/n open: _propTypes2.default.bool.isRequired,\n\n /**\n * Override the inline-styles of the
root element.\n *^/n style: _propTypes2.default.object\n } : {};\nexports.default = Snackbar;","use
strict";\n\nObject.defineProperty(exports, `__esModule`, {\n value: true\n});\nexports.SnackbarBody =
undefined;\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 =
_interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-
runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 =
_interopRequireDefault(_objectWithoutProperties2);\n\nvar _simpleAssign = require('simple-assign');\n\nvar
_simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 =
_interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =
_interopRequireDefault(_propTypes);\n\nvar _transitions = require('./styles/transitions');\n\nvar _transitions2 =
_interopRequireDefault(_transitions);\n\nvar _withWidth = require('./utils/withWidth');\n\nvar _withWidth2 =
_interopRequireDefault(_withWidth);\n\nvar _FlatButton = require('./FlatButton');\n\nvar _FlatButton2 =
_interopRequireDefault(_FlatButton);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule
? obj : {\n default: obj\n };\n}\n\nfunction getStyles(props, context) {\n var open = props.open,\n width =
props.width;\n var _context$muiTheme = context.muiTheme,\n _context$muiTheme$bas =
_context$muiTheme.baseTheme,\n _context$muiTheme$bas2 = _context$muiTheme$bas.spacing,\n
desktopGutter = _context$muiTheme$bas2.desktopGutter,\n desktopSubheaderHeight =
_context$muiTheme$bas2.desktopSubheaderHeight,\n fontFamily = _context$muiTheme$bas.fontFamily,\n
_context$muiTheme$сна = _context$muiTheme.snackbar,\n backgroundColor =
_context$muiTheme$сна.backgroundColor,\n textColor = _context$muiTheme$сна.textColor,\n actionColor
= _context$muiTheme$сна.actionColor,\n borderRadius = _context$muiTheme.borderRadius;\n var isSmall =
width === _withWidth2.SMALL;\n var styles = {\n root: {\n fontFamily: fontFamily,\n backgroundColor:
backgroundColor,\n padding: '0 ' + desktopGutter + 'px',\n height: desktopSubheaderHeight,\n lineHeight:
desktopSubheaderHeight + 'px',\n borderRadius: isSmall ? 0 : borderRadius,\n maxWidth: isSmall ? 'inherit' :
568,\n minWidth: isSmall ? 'inherit' : 288,\n width: isSmall ? 'calc(100vw - ' + desktopGutter * 2 + 'px)' :
'auto',\n flexGrow: isSmall ? 1 : 0\n },\n content: {\n fontSize: 14,\n color: textColor,\n opacity:
open ? 1 : 0,\n transition: open ? _transitions2.default.easeOut('500ms', 'opacity', '100ms') :
_transitions2.default.easeOut('400ms', 'opacity')\n },\n action: {\n color: actionColor,\n float: 'right',\n
marginTop: 6,\n marginRight: -16,\n marginLeft: desktopGutter,\n backgroundColor: 'transparent'\n }\n
};\n return styles;\n}\n\nvar SnackbarBody = function SnackbarBody(props, context) {\n var action =
props.action,\n contentStyle = props.contentStyle,\n message = props.message,\n open = props.open,\n
onActionClick = props.onActionClick,\n style = props.style,\n other = (0,
_objectWithoutProperties3.default)(props, ['action', 'contentStyle', 'message', 'open', 'onActionClick', 'style']);\n var
prepareStyles = context.muiTheme.prepareStyles;\n var styles = getStyles(props, context);\n\n var actionButton =
action && _react2.default.createElement(_FlatButton2.default, {\n style: styles.action,\n label: action,\n
onClick: onActionClick\n });\n\n return _react2.default.createElement('div', (0, _extends3.default)({ }, other, {\n
style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n }), _react2.default.createElement('div', {\n
style: prepareStyles((0, _simpleAssign2.default)(styles.content, contentStyle))\n },
_react2.default.createElement('span', null, message), actionButton));\n};\n\nexports.SnackbarBody =
SnackbarBody;\n\nSnackbarBody.propTypes = process.env.NODE_ENV !== "production" ? {\n /**\n * The label
for the action on the snackbar.\n *^/n action: _propTypes2.default.node,\n\n /**\n * Override the inline-styles of
the content element.\n *^/n contentStyle: _propTypes2.default.object,\n\n /**\n * The message to be displayed.\n
*\n * (Note: If the message is an element or array, and the `Snackbar` may re-render while it is still open,\n
* ensure that the same object remains as the `message` property if you want to avoid the `Snackbar` hiding and\n
* showing again)\n *^/n message: _propTypes2.default.node.isRequired,\n\n /**\n * Fired when the action button
is clicked.\n *^/n * @param {object} event Action button event.\n *^/n onActionClick:
_propTypes2.default.func,\n\n /**\n * @ignore\n * Controls whether the `Snackbar` is opened or not.\n *^/n

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open: _propTypes2.default.bool.isRequired,\n\n /**\n * Override the inline-styles of the root element.\n */\n
style: _propTypes2.default.object,\n\n /**\n * @ignore\n * Width of the screen.\n */\n width:
 _propTypes2.default.number.isRequired\n } : {};\nSnackBarBody.contextTypes = {\n muiTheme:
 _propTypes2.default.object.isRequired\n};\nexports.default = (0, _withWidth2.default)()(SnackBarBody);","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\nexports.LARGE =
exports.MEDIUM = exports.SMALL = undefined;\n\nvar _extends2 = require('babel-
runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
 _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
 _interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
 _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nexports.default =
withWidth;\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar
_reactEventListener = require('react-event-listener');\n\nvar _reactEventListener2 =
 _interopRequireDefault(_reactEventListener);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n };}\n\nvar SMALL = exports.SMALL = 1;\nvar MEDIUM =
exports.MEDIUM = 2;\nvar LARGE = exports.LARGE = 3;\n\nfunction withWidth() {\n var options =
arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : {};\n var _options$largeWidth =
options.largeWidth,\n largeWidth = _options$largeWidth === undefined ? 992 : _options$largeWidth,\n
_options$mediumWidth = options.mediumWidth,\n mediumWidth = _options$mediumWidth === undefined ?
768 : _options$mediumWidth,\n _options$resizeInterv = options.resizeInterval,\n resizeInterval =
_options$resizeInterv === undefined ? 166 : _options$resizeInterv;\n return function (MyComponent) {\n return
function (_Component) {\n (0, _inherits3.default)(WithWidth, _Component);\n function WithWidth() {\n
var _ref;\n var _temp, _this, _ret;\n (0, _classCallCheck3.default)(this, WithWidth);\n for (var
_len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n args[_key] =
arguments[_key];\n }\n return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this,
(_ref = WithWidth.__proto__ || (0, _getPrototypeOf2.default)(WithWidth)).call.apply(_ref, [this].concat(args))),
_this), _this.state = {\n width: null\n }, _this.handleResize = function () {\n
clearTimeout(_this.deferTimer);\n _this.deferTimer = setTimeout(function () {\n _this.updateWidth();\n
}, resizeInterval);\n }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n }\n\n (0,
_createClass3.default)(WithWidth, [{\n key: 'componentDidMount',\n value: function
componentDidMount() {\n this.updateWidth();\n }\n }, {\n key: 'componentWillUnmount',\n
value: function componentWillUnmount() {\n clearTimeout(this.deferTimer);\n }\n }, {\n key:
'updateWidth',\n value: function updateWidth() {\n var innerWidth = window.innerWidth;\n var
width = void 0;\n if (innerWidth >= largeWidth) {\n width = LARGE;\n } else if (innerWidth
>= mediumWidth) {\n width = MEDIUM;\n } else {\n // innerWidth < 768\n width =
SMALL;\n }\n if (width !== this.state.width) {\n this.setState({\n width: width\n
});\n }\n }, {\n key: 'render',\n value: function render() {\n var width =
this.state.width;\n /**\n * When rendering the component on the server,\n * we have no idea about
the screen width.\n * In order to prevent blinks and help the reconciliation\n * we are not rendering the
component.\n * A better alternative would be to send client hints.\n * But the browser support
of this API is low:\n * http://caniuse.com/#search=client%20hint\n */\n if (width === null) {\n
return null;\n }\n return _react2.default.createElement(_reactEventListener2.default, {\n
target: 'window',\n onResize: this.handleResize\n }, _react2.default.createElement(MyComponent, (0,
_extends3.default)({\n width: width\n }, this.props)));\n }\n }]);\n return WithWidth;\n

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}(_react.Component);\n  };\n  }, "use strict";\n  \n  Object.defineProperty(exports, "__esModule", {\n    value: true\n  });\n  \n  var _extends2 = require("babel-runtime/helpers/extends");\n  var _extends3 = _interopRequireDefault(_extends2);\n  var _objectWithoutProperties2 = require("babel-runtime/helpers/objectWithoutProperties");\n  var _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n  var _getPrototypeOf = require("babel-runtime/core-js/object/get-prototype-of");\n  var _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n  var _classCallCheck2 = require("babel-runtime/helpers/classCallCheck");\n  var _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n  var _createClass2 = require("babel-runtime/helpers/createClass");\n  var _createClass3 = _interopRequireDefault(_createClass2);\n  var _possibleConstructorReturn2 = require("babel-runtime/helpers/possibleConstructorReturn");\n  var _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n  var _inherits2 = require("babel-runtime/helpers/inherits");\n  var _inherits3 = _interopRequireDefault(_inherits2);\n  var _simpleAssign = require("simple-assign");\n  var _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n  var _react = require("react");\n  var _react2 = _interopRequireDefault(_react);\n  var _propTypes = require("prop-types");\n  var _propTypes2 = _interopRequireDefault(_propTypes);\n  var _warning = require("warning");\n  var _warning2 = _interopRequireDefault(_warning);\n  var _TabTemplate = require("./TabTemplate");\n  var _TabTemplate2 = _interopRequireDefault(_TabTemplate);\n  var _InkBar = require("./InkBar");\n  var _InkBar2 = _interopRequireDefault(_InkBar);\n  \n  function _interopRequireDefault(obj) {\n    return obj && obj.__esModule ? obj : {\n      default: obj\n    }\n  }\n  \n  function getStyles(props, context) {\n    var tabs = context.muiTheme.tabs;\n    return {\n      tabItemContainer: {\n        width: '100%',\n        backgroundColor: tabs.backgroundColor,\n        whiteSpace: 'nowrap',\n        display: 'flex'\n      }\n    }\n  }\n  \n  var Tabs = function (_Component) {\n    (0, _inherits3.default)(Tabs, _Component);\n    \n    function Tabs(_ref) {\n      var _ref; \n      var _temp, _this, _ret;\n      (0, _classCallCheck3.default)(this, Tabs);\n      \n      for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n        args[_key] = arguments[_key];\n      }\n      \n      return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = Tabs.__proto__ || (0, _getPrototypeOf2.default)(Tabs)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n        selectedIndex: 0\n      }, _this.handleClick = function (value, event, tab) {\n        var valueLink = _this.getValueLink(_this.props);\n        var index = tab.props.index;\n        \n        if (valueLink.value && valueLink.value !== value || _this.state.selectedIndex !== index) {\n          valueLink.requestChange(value, event, tab);\n        }\n        \n        _this.setState({\n          selectedIndex: index\n        });\n        \n        if (tab.props.onActive) {\n          tab.props.onActive(tab);\n        }\n      }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n    }\n    \n    (0, _createClass3.default)(Tabs, [{\n      key: 'componentWillMount',\n      value: function componentWillMount() {\n        var valueLink = this.getValueLink(this.props);\n        var initialIndex = this.props.initialSelectedIndex;\n        this.setState({\n          selectedIndex: valueLink.value !== undefined ? this.getSelectedIndex(this.props) : initialIndex < this.getTabCount() ? initialIndex : 0\n        });\n      }\n    }, {\n      key: 'componentWillReceiveProps',\n      value: function componentWillReceiveProps(newProps, nextContext) {\n        var valueLink = this.getValueLink(newProps);\n        var newState = {\n          muiTheme: nextContext.muiTheme || this.context.muiTheme\n        }; \n        \n        if (valueLink.value !== undefined) {\n          newState.selectedIndex = this.getSelectedIndex(newProps);\n        }\n        \n        this.setState(newState);\n      }\n    }, {\n      key: 'getTabs',\n      value: function getTabs() {\n        var props = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : this.props;\n        var tabs = [];\n        \n        _react.Children.forEach(props.children, function (tab) {\n          if ((0, _react.isValidElement)(tab)) {\n            tabs.push(tab);\n          }\n        });\n        \n        return tabs;\n      }\n    }, {\n      key: 'getTabCount',\n      value: function getTabCount() {\n        return this.getTabs().length;\n      }\n    }, {\n      key: 'getValueLink',\n      value: function getValueLink(props) {\n        return props.valueLink || {\n          value: props.value,\n          requestChange: props.onChange\n        }\n      }\n    }, {\n      key: 'getSelectedIndex',\n      value: function getSelectedIndex(props) {\n        var valueLink = this.getValueLink(props);\n        var selectedIndex = -1;\n        \n        this.getTabs(props).forEach(function (tab, index) {\n          if (valueLink.value === tab.props.value) {\n            selectedIndex = index;\n          }\n        });\n        \n        return

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selectedIndex;\n  }\n }, {\n  key: 'getSelected',\n  value: function getSelected(tab, index) {\n    var valueLink =
this.getValueLink(this.props);\n    return valueLink.value ? valueLink.value === tab.props.value :
this.state.selectedIndex === index;\n  }\n }, {\n  key: 'render',\n  value: function render() {\n    var _this2 =
this;\n\n    var _props = this.props,\n        contentContainerClassName = _props.contentContainerClassName,\n        contentContainerStyle = _props.contentContainerStyle,\n        initialSelectedIndex =
_props.initialSelectedIndex,\n        inkBarStyle = _props.inkBarStyle,\n        inkBarContainerStyle =
_props.inkBarContainerStyle,\n        onChange = _props.onChange,\n        style = _props.style,\n        tabItemContainerStyle = _props.tabItemContainerStyle,\n        tabTemplate = _props.tabTemplate,\n        tabTemplateStyle = _props.tabTemplateStyle,\n        other = (0, _objectWithoutProperties3.default)(_props,
['contentContainerClassName', 'contentContainerStyle', 'initialSelectedIndex', 'inkBarStyle', 'inkBarContainerStyle',
'onChange', 'style', 'tabItemContainerStyle', 'tabTemplate', 'tabTemplateStyle']);\n    var prepareStyles =
this.context.muiTheme.prepareStyles;\n    var styles = getStyles(this.props, this.context);\n    var valueLink =
this.getValueLink(this.props);\n    var tabValue = valueLink.value;\n    var tabContent = [];\n    var width = 100 /
this.getTabCount();\n    var tabs = this.getTabs().map(function (tab, index) {\n      process.env.NODE_ENV !==
\"production\" ? (0, _warning2.default)(tab.type && tab.type.muiName === 'Tab', 'Material-UI: Tabs only accepts
Tab Components as children.\\n Found ' + (tab.type.muiName || tab.type) + ' as child number ' + (index + 1) + '
of Tabs') : void 0;\n      process.env.NODE_ENV !== \"production\" ? (0, _warning2.default)(!tabValue ||
tab.props.value !== undefined, 'Material-UI: Tabs value prop has been passed, but Tab ' + index + '\\n does not
have a value prop. Needs value if Tabs is going\\n to be a controlled component.') : void 0;\n      tabContent.push(tab.props.children ? (0, _react.createElement)(tabTemplate || _TabTemplate2.default, {\n        key:
index,\n        selected: _this2.getSelected(tab, index),\n        style: tabTemplateStyle\n      }, tab.props.children) :
undefined);\n      return (0, _react.cloneElement)(tab, {\n        key: index,\n        index: index,\n        selected:
_this2.getSelected(tab, index),\n        width: width + '%',\n        onClick: _this2.handleTabClick\n      });\n    });\n    var realSelectedIndex = valueLink.value ? this.getSelectedIndex(this.props) : this.state.selectedIndex;\n    var inkBar = realSelectedIndex !== -1 ? _react2.default.createElement(_InkBar2.default, {\n      left: width *
realSelectedIndex + '%',\n      width: width + '%',\n      style: inkBarStyle\n    }) : null;\n    var
inkBarContainerWidth = tabItemContainerStyle ? tabItemContainerStyle.width : '100%';\n    return
_react2.default.createElement('div', (0, _extends3.default)({\n      style: prepareStyles((0,
_simpleAssign2.default)({}, style))\n    }, other), _react2.default.createElement('div', {\n      style:
prepareStyles((0, _simpleAssign2.default)(styles.tabItemContainer, tabItemContainerStyle))\n    }, tabs),
_react2.default.createElement('div', {\n      style: prepareStyles((0, _simpleAssign2.default)({\n        width:
inkBarContainerWidth\n      }, inkBarContainerStyle))\n    }, inkBar), _react2.default.createElement('div', {\n
style: prepareStyles((0, _simpleAssign2.default)({}, contentContainerStyle)),\n      className:
contentContainerClassName\n    }, tabContent));\n  }\n }));\n return
Tabs;\n})(_react.Component);\n\nTabs.defaultProps = {\n  initialSelectedIndex: 0,\n  onChange: function
onChange() {\n  }\n};\nTabs.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\nTabs.propTypes = process.env.NODE_ENV !== \"production\" ? {\n
/**\n * Should be used to pass `Tab` components.\n */\n children: _propTypes2.default.node,\n /**\n * The
css class name of the root element.\n */\n className: _propTypes2.default.string,\n /**\n * The css class name
of the content's container.\n */\n contentContainerClassName: _propTypes2.default.string,\n /**\n * Override
the inline-styles of the content's container.\n */\n contentContainerStyle: _propTypes2.default.object,\n /**\n *
Specify initial visible tab index.\n */\n initialSelectedIndex: _propTypes2.default.number,\n /**\n * Override
the inline-styles of the InkBar.\n */\n inkBarStyle: _propTypes2.default.object,\n /**\n * Override the inline-
styles of the InkBar container.\n */\n inkBarContainerStyle: _propTypes2.default.object,\n /**\n * Called
when the selected value change.\n */\n onChange: _propTypes2.default.func,\n /**\n * Override the inline-
styles of the root element.\n */\n style: _propTypes2.default.object,\n /**\n * Override the inline-styles of the

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tab-labels container.\n */\n tabItemContainerStyle: _propTypes2.default.object,\n\n /**\n * Override the default
tab template used to wrap the content of each tab element.\n */\n tabTemplate: _propTypes2.default.func,\n\n
/**\n * Override the inline-styles of the tab template.\n */\n tabTemplateStyle: _propTypes2.default.object,\n\n
/**\n * Makes Tabs controllable and selects the tab whose value prop matches this prop.\n */\n value:
_propTypes2.default.any\n} : {};\nexports.default = Tabs;","use strict";\n\nObject.defineProperty(exports,
"__esModule", {\n value: true\n});\n\nvar _simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 =
_interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 =
_interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 =
_interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule
? obj : {\n default: obj\n};\n}\n\nvar styles = {\n width: '100%',\n position: 'relative',\n textAlign:
'initial'\n};\n\nvar TabTemplate = function TabTemplate(_ref) {\n var children = _ref.children,\n selected =
_ref.selected,\n style = _ref.style;\n var templateStyle = (0, _simpleAssign2.default)({}, styles, style);\n\n if
(!selected) {\n templateStyle.height = 0;\n templateStyle.overflow = 'hidden';\n }\n\n return
_react2.default.createElement('div', {\n style: templateStyle\n }, children);\n};\n\nTabTemplate.propTypes =
process.env.NODE_ENV !== "production" ? {\n children: _propTypes2.default.node,\n selected:
_propTypes2.default.bool,\n style: _propTypes2.default.object\n} : {};\n\nexports.default = TabTemplate;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _transitions = require('./styles/transitions');\n\nvar
_transitions2 = _interopRequireDefault(_transitions);\n\nfunction _interopRequireDefault(obj) {\n return obj &&
obj.__esModule ? obj : {\n default: obj\n};\n}\n\nfunction getStyles(props, context) {\n var _context$muiTheme
= context.muiTheme,\n inkBar = _context$muiTheme.inkBar,\n isRtl = _context$muiTheme.isRtl;\n return
{\n root: {\n left: props.left,\n width: props.width,\n bottom: 0,\n display: 'block',\n
backgroundColor: props.color || inkBar.backgroundColor,\n height: 2,\n marginTop: -2,\n position:
'relative',\n transition: _transitions2.default.easeOut('1s', isRtl ? 'right' : 'left')\n }\n};\n}\n\nvar InkBar =
function (_Component) {\n (0, _inherits3.default)(InkBar, _Component);\n\n function InkBar() {\n (0,
_classCallCheck3.default)(this, InkBar);\n return (0, _possibleConstructorReturn3.default)(this, (InkBar.__proto__
|| (0, _getPrototypeOf2.default)(InkBar)).apply(this, arguments));\n }\n\n (0, _createClass3.default)(InkBar, [{\n
key: 'render',\n value: function render() {\n var style = this.props.style;\n var prepareStyles =
this.context.muiTheme.prepareStyles;\n var styles = getStyles(this.props, this.context);\n return
_react2.default.createElement('div', {\n style: prepareStyles((0, _simpleAssign2.default)(styles.root, style))\n
});\n }\n}]);\n return InkBar;\n}(_react.Component);\n\nInkBar.contextTypes = {\n muiTheme:
_propTypes2.default.object.isRequired\n};\n\nInkBar.propTypes = process.env.NODE_ENV !== "production" ? {\n
color: _propTypes2.default.string,\n left: _propTypes2.default.string.isRequired,\n\n /**\n * Override the inline-
styles of the root element.\n */\n style: _propTypes2.default.object,\n width:
_propTypes2.default.string.isRequired\n} : {};\n\nexports.default = InkBar;","use
strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-

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runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign =
require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _warning = require('warning');\n\nvar _warning2 =
_interopRequireDefault(_warning);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ?
obj : {\n    default: obj\n  };}\n\nfunction getStyles(props, context) {\n  var _context$muiTheme =
context.muiTheme,\n    baseTheme = _context$muiTheme.baseTheme,\n    table = _context$muiTheme.table;\n  return {\n    root: {\n      backgroundColor: table.backgroundColor,\n      width: '100%',\n      borderCollapse:
'collapse',\n      borderSpacing: 0,\n      tableLayout: 'fixed',\n      fontFamily: baseTheme.fontFamily\n    },\n    bodyTable: {\n      height: props.fixedHeader || props.fixedFooter ? props.height : 'auto',\n      overflowX: 'hidden',\n      overflowY: 'auto'\n    },\n    tableWrapper: {\n      height: props.fixedHeader || props.fixedFooter ? 'auto' :
props.height,\n      overflow: 'auto'\n    };\n  }\n\n  var Table = function (_Component) {\n    (0,
_inherits3.default)(Table, _Component);\n\n    function Table() {\n      var _ref;\n      var _temp, _this, _ret;\n      (0,
_classCallCheck3.default)(this, Table);\n      for (var _len = arguments.length, args = Array(_len), _key = 0; _key <
_len; _key++) {\n        args[_key] = arguments[_key];\n      }\n      return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = Table.__proto__ || (0,
_getPrototypeOf2.default)(Table)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n        allRowsSelected:
false\n      }, _this.onCellClick = function (rowNumber, columnNumber, event) {\n        if (_this.props.onCellClick)
_this.props.onCellClick(rowNumber, columnNumber, event);\n      }, _this.onCellHover = function (rowNumber,
columnNumber, event) {\n        if (_this.props.onCellHover) _this.props.onCellHover(rowNumber, columnNumber,
event);\n      }, _this.onCellHoverExit = function (rowNumber, columnNumber, event) {\n        if
(_this.props.onCellHoverExit) _this.props.onCellHoverExit(rowNumber, columnNumber, event);\n      },
_this.onRowHover = function (rowNumber) {\n        if (_this.props.onRowHover)
_this.props.onRowHover(rowNumber);\n      }, _this.onRowHoverExit = function (rowNumber) {\n        if
(_this.props.onRowHoverExit) _this.props.onRowHoverExit(rowNumber);\n      }, _this.onRowSelection = function
(selectedRows) {\n        if (_this.state.allRowsSelected) {\n          _this.setState({\n            allRowsSelected: false\n          });\n        }\n        if (_this.props.onRowSelection) {\n          _this.props.onRowSelection(selectedRows);\n        }\n      },
_this.onSelectAll = function () {\n        if (_this.props.onRowSelection) {\n          if (!_this.state.allRowsSelected) {\n            _this.props.onRowSelection('all');\n          } else {\n            _this.props.onRowSelection('none');\n          }\n        }\n        _this.setState({\n          allRowsSelected: !_this.state.allRowsSelected\n        });\n      }, _temp), (0,
_possibleConstructorReturn3.default)(_this, _ret);\n    }\n\n    (0, _createClass3.default)(Table, [{\n      key:
'componentWillMount',\n      value: function componentWillMount() {\n        if (this.props.allRowsSelected) {\n          this.setState({\n            allRowsSelected: true\n          });\n        }\n      }, {\n      key: 'componentWillReceiveProps',\n      value: function componentWillReceiveProps(nextProps) {\n        if (this.props.allRowsSelected !==
nextProps.allRowsSelected) {\n          this.setState({\n            allRowsSelected: nextProps.allRowsSelected\n          });\n        }\n      }, {\n      key: 'isScrollbarVisible',\n      value: function isScrollbarVisible() {\n        var tableDivHeight =
this.refs.tableDiv.clientHeight;\n        var tableBodyHeight = this.refs.tableBody.clientHeight;\n        return
tableBodyHeight > tableDivHeight;\n      }\n    }, {\n      key: 'createTableHeader',\n      value: function
createTableHeader(base) {\n        return _react2.default.cloneElement(base, {\n          enableSelectAll:
base.props.enableSelectAll && this.props.selectable && this.props.multiSelectable,\n          onSelectAll:
this.onSelectAll,\n          selectAllSelected: this.state.allRowsSelected\n        });\n      }\n    }, {\n      key:
'createTableBody',\n      value: function createTableBody(base) {\n        return _react2.default.cloneElement(base, {\n          allRowsSelected: this.state.allRowsSelected,\n          multiSelectable: this.props.multiSelectable,\n          onClick:

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this.onCellClick,\n    onCellHover: this.onCellHover,\n    onCellHoverExit: this.onCellHoverExit,\n    onRowHover: this.onRowHover,\n    onRowHoverExit: this.onRowHoverExit,\n    onRowSelection:\n    this.onRowSelection,\n    selectable: this.props.selectable\n  });\n  }\n }, {\n  key: 'createTableFooter',\n  value: function createTableFooter(base) {\n    return base;\n  } }, {\n  key: 'render',\n  value: function\n  render() {\n    var _this2 = this;\n    var _props = this.props,\n        children = _props.children,\n        className = _props.className,\n        fixedFooter = _props.fixedFooter,\n        fixedHeader =\n        _props.fixedHeader,\n        style = _props.style,\n        wrapperStyle = _props.wrapperStyle,\n        headerStyle =\n        _props.headerStyle,\n        bodyStyle = _props.bodyStyle,\n        footerStyle = _props.footerStyle;\n    var\n    prepareStyles = this.context.muiTheme.prepareStyles;\n    var styles = getStyles(this.props, this.context);\n    var\n    tHead = void 0;\n    var tFoot = void 0;\n    var tBody = void 0;\n    _react2.default.Children.forEach(children,\n    function (child) {\n      if (!_react2.default.isValidElement(child)) return;\n      var muiName =\n      child.type.muiName;\n      if (muiName === 'TableBody') {\n        tBody = _this2.createTableBody(child);\n      } else if (muiName === 'TableHeader') {\n        tHead = _this2.createTableHeader(child);\n      } else if\n      (muiName === 'TableFooter') {\n        tFoot = _this2.createTableFooter(child);\n      } else {\n        process.env.NODE_ENV !== "production" ? (0, _warning2.default)(false, 'Material-UI: Children of the Table\n        component must be TableBody or TableHeader or TableFooter.\\n        Nothing is rendered.') : void 0;\n      }\n    });\n    // If we could not find a table-header and a table-body, do not attempt to display anything.\n    if (!tBody\n    && !tHead) return null;\n    var mergedTableStyle = (0, _simpleAssign2.default)(styles.root, style);\n    var\n    headerTable = void 0;\n    var footerTable = void 0;\n    var inlineHeader = void 0;\n    var inlineFooter = void\n    0;\n    if (fixedHeader) {\n      headerTable = _react2.default.createElement('div', {\n        style:\n        prepareStyles((0, _simpleAssign2.default)({, headerStyle))\n      }, _react2.default.createElement('table', {\n        className: className,\n        style: mergedTableStyle\n      }, tHead));\n    } else {\n      inlineHeader =\n      tHead;\n    }\n    if (tFoot !== undefined) {\n      if (fixedFooter) {\n        footerTable =\n        _react2.default.createElement('div', {\n          style: prepareStyles((0, _simpleAssign2.default)({, footerStyle))\n        },\n        _react2.default.createElement('table', {\n          className: className,\n          style:\n          prepareStyles(mergedTableStyle)\n        }, tFoot));\n      } else {\n        inlineFooter = tFoot;\n      }\n    }\n    return _react2.default.createElement('div', {\n      style: prepareStyles((0,\n      _simpleAssign2.default)(styles.tableWrapper, wrapperStyle))\n    }, headerTable,\n    _react2.default.createElement('div', {\n      style: prepareStyles((0, _simpleAssign2.default)(styles.bodyTable,\n      bodyStyle))\n    }, ref: 'tableDiv'\n    ), _react2.default.createElement('table', {\n      className: className,\n      style: mergedTableStyle,\n      ref: 'tableBody'\n    }, inlineHeader, inlineFooter, tBody)), footerTable);\n  } });\n  return Table;\n})(_react.Component);\n\nTable.defaultProps = {\n  allRowsSelected: false,\n  fixedFooter:\n  true,\n  fixedHeader: true,\n  height: 'inherit',\n  multiSelectable: false,\n  selectable: true\n};\n\nTable.contextTypes =\n{\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nTable.propTypes = process.env.NODE_ENV !==\n\n"production" ? {\n  /**\n   * Set to true to indicate that all rows should be selected.\n   *\n   * allRowsSelected:\n   * _propTypes2.default.bool,\n   *\n   * Override the inline-styles of the body's table element.\n   *\n   * bodyStyle:\n   * _propTypes2.default.object,\n   *\n   * Children passed to table.\n   *\n   * children: _propTypes2.default.node,\n   *\n   * The css class name of the root element.\n   *\n   * className: _propTypes2.default.string,\n   *\n   * If\n   * true, the footer will appear fixed below the table.\n   *\n   * The default value is true.\n   *\n   * fixedFooter:\n   * _propTypes2.default.bool,\n   *\n   * If true, the header will appear fixed above the table.\n   *\n   * The default value\n   * is true.\n   *\n   * fixedHeader: _propTypes2.default.bool,\n   *\n   * Override the inline-styles of the footer's table\n   * element.\n   *\n   * footerStyle: _propTypes2.default.object,\n   *\n   * Override the inline-styles of the header's\n   * table element.\n   *\n   * headerStyle: _propTypes2.default.object,\n   *\n   * The height of the table.\n   *\n   * height: _propTypes2.default.string,\n   *\n   * If true, multiple table rows can be selected.\n   *\n   * CTRL/CMD+Click and SHIFT+Click are valid actions.\n   *\n   * The default value is false.\n   *\n   * multiSelectable:\n   * _propTypes2.default.bool,\n   *\n   * Called when a row cell is clicked.\n   *\n   * rowNumber is the row number and\n   * columnId is\n   * the column number or the column key.\n   *\n   * onCellClick: _propTypes2.default.func,\n   *\n   * Called when a table cell is hovered.\n   *\n   * rowNumber is the row number of the hovered row\n   * and columnId is

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the column number or the column key of the cell.\n */\n onCellHover: _propTypes2.default.func,\n\n /**\n * Called when a table cell is no longer hovered.\n * rowNumber is the row number of the row and columnId\n * is the column number or the column key of the cell.\n */\n onCellHoverExit: _propTypes2.default.func,\n\n /**\n * Called when a table row is hovered.\n * rowNumber is the row number of the hovered row.\n */\n onRowHover: _propTypes2.default.func,\n\n /**\n * Called when a table row is no longer hovered.\n * rowNumber is the row number of the row that is no longer hovered.\n */\n onRowHoverExit: _propTypes2.default.func,\n\n /**\n * Called when a row is selected.\n * selectedRows is an array of all row selections.\n * IF all rows have been selected, the string \"all\"\n * will be returned instead to indicate that all rows have been selected.\n */\n onRowSelection: _propTypes2.default.func,\n\n /**\n * If true, table rows can be selected.\n * If multiple row selection is desired, enable multiSelectable.\n * The default value is true.\n */\n selectable: _propTypes2.default.bool,\n\n /**\n * Override the inline-styles of the root element.\n */\n style: _propTypes2.default.object,\n\n /**\n * Override the inline-styles of the table's wrapper element.\n */\n wrapperStyle: _propTypes2.default.object\n} : {};\n\nexports.default = Table;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n value: true\n});\n\nvar _extends2 = require('babel-runtime/helpers/extends');\n\nvar _extends3 = _interopRequireDefault(_extends2);\n\nvar _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');\n\nvar _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);\n\nvar _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar _createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 = _interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _TimePickerDialog = require('./TimePickerDialog');\n\nvar _TimePickerDialog2 = _interopRequireDefault(_TimePickerDialog);\n\nvar _TextField = require('./TextField');\n\nvar _TextField2 = _interopRequireDefault(_TextField);\n\nvar _timeUtils = require('./timeUtils');\n\nfunction _interopRequireDefault(obj) {\n return obj && obj.__esModule ? obj : {\n default: obj\n };\n}\n\nvar emptyTime = new Date();\n\nemptyTime.setHours(0);\n\nemptyTime.setMinutes(0);\n\nemptyTime.setSeconds(0);\n\nemptyTime.setMilliseconds(0);\n\nvar TimePicker = function (_Component) {\n (0, _inherits3.default)(TimePicker, _Component);\n\n function TimePicker() {\n var _ref;\n\n var _temp, _this, _ret;\n\n (0, _classCallCheck3.default)(this, TimePicker);\n\n for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n args[_key] = arguments[_key];\n }\n\n return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = TimePicker.__proto__ || (0, _getPrototypeOf2.default)(TimePicker)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n time: null,\n dialogTime: new Date()\n }, _this.handleAcceptDialog = function (time) {\n _this.setState({\n time: time\n });\n\n if (_this.props.onChange) _this.props.onChange(null, time);\n }, _this.handleFocusInput = function (event) {\n event.target.blur();\n\n if (_this.props.onFocus) {\n _this.props.onFocus(event);\n }\n }, _this.handleClickInput = function (event) {\n event.preventDefault();\n\n if (!_this.props.disabled) {\n _this.openDialog();\n }\n\n if (_this.props.onClick) {\n _this.props.onClick(event);\n }\n }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);n } (0, _createClass3.default)(TimePicker, [{\n key: 'componentWillMount',\n value: function componentWillMount() {\n this.setState({\n time: this.isControlled() ? this.getControlledTime() : this.props.defaultTime\n });\n }}, {\n key: 'componentWillReceiveProps',\n value: function componentWillReceiveProps(nextProps) {\n if

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(nextProps.value !== this.props.value) {\n      this.setState({\n        time: this.getControlledTime(nextProps)\n      });\n    }\n  }\n  /**\n   * Alias for `openDialog()` for an api consistent with TextField.\n   */\n  }, {\n    key: 'focus',\n    value: function focus() {\n      this.openDialog();\n    }\n  }, {\n    key: 'openDialog',\n    value: function\n    openDialog() {\n      this.setState({\n        dialogTime: this.state.time\n      });\n      this.refs.dialogWindow.show();\n    }\n  }, {\n    key: 'isControlled',\n    value: function isControlled() {\n      return this.props.value !== null;\n    }\n  }, {\n    key: 'getControlledTime',\n    value: function getControlledTime() {\n      var props = arguments.length > 0\n      && arguments[0] !== undefined ? arguments[0] : this.props;\n      var result = null;\n      if (props.value instanceof\n      Date) {\n        result = props.value;\n      }\n      return result;\n    }\n  }, {\n    key: 'render',\n    value: function\n    render() {\n      var _props = this.props,\n          autoOk = _props.autoOk,\n          cancelLabel =\n          _props.cancelLabel,\n          defaultTime = _props.defaultTime,\n          dialogBodyStyle =\n          _props.dialogBodyStyle,\n          dialogStyle = _props.dialogStyle,\n          format = _props.format,\n          okLabel\n          = _props.okLabel,\n          onFocus = _props.onFocus,\n          onClick = _props.onClick,\n          onShow =\n          _props.onShow,\n          onDismiss = _props.onDismiss,\n          pedantic = _props.pedantic,\n          style =\n          _props.style,\n          textFieldStyle = _props.textFieldStyle,\n          minutesStep = _props.minutesStep,\n          other\n          = (0, _objectWithoutProperties3.default)(_props, ['autoOk', 'cancelLabel', 'defaultTime', 'dialogBodyStyle',\n          'dialogStyle', 'format', 'okLabel', 'onFocus', 'onClick', 'onShow', 'onDismiss', 'pedantic', 'style', 'textFieldStyle',\n          'minutesStep']);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var time = this.state.time;\n      return _react2.default.createElement('div', {\n        style: prepareStyles((0, _simpleAssign2.default)({}, style))\n      }, _react2.default.createElement(_TextField2.default, (0, _extends3.default)({}, other, {\n        style:\n        textFieldStyle,\n        ref: 'input',\n        value: time === emptyTime ? null : (0, _timeUtils.formatTime)(time, format,\n        pedantic),\n        onFocus: this.handleFocusInput,\n        onClick: this.handleClickInput\n      })),\n      _react2.default.createElement(_TimePickerDialog2.default, {\n        ref: 'dialogWindow',\n        bodyStyle:\n        dialogBodyStyle,\n        initialTime: this.state.dialogTime,\n        onAccept: this.handleAcceptDialog,\n        onShow: onShow,\n        onDismiss: onDismiss,\n        format: format,\n        okLabel: okLabel,\n        cancelLabel:\n        cancelLabel,\n        autoOk: autoOk,\n        style: dialogStyle,\n        minutesStep: minutesStep\n      }));\n    }\n  });\n  return TimePicker;)(_react.Component);\n\nTimePicker.defaultProps = {\n  autoOk: false,\n  cancelLabel:\n  'Cancel',\n  defaultTime: null,\n  disabled: false,\n  format: 'ampm',\n  okLabel: 'OK',\n  pedantic: false,\n  style:\n  {},\n  value: null,\n  minutesStep: 1\n};\nTimePicker.contextTypes = {\n  muiTheme:\n  _propTypes2.default.object.isRequired\n};\nTimePicker.propTypes = process.env.NODE_ENV !== \"production\" ?\n{\n  /**\n   * If true, automatically accept and close the picker on set minutes.\n   */\n  autoOk:\n  _propTypes2.default.bool,\n  /**\n   * Override the label of the 'Cancel' button.\n   */\n  cancelLabel:\n  _propTypes2.default.node,\n  /**\n   * The initial time value of the TimePicker.\n   */\n  defaultTime:\n  _propTypes2.default.object,\n  /**\n   * Override the inline-styles of TimePickerDialog's body element.\n   */\n  dialogBodyStyle: _propTypes2.default.object,\n  /**\n   * Override the inline-styles of TimePickerDialog's root\n  element.\n   */\n  dialogStyle: _propTypes2.default.object,\n  /**\n   * If true, the TimePicker is disabled.\n   */\n  disabled: _propTypes2.default.bool,\n  /**\n   * Tells the component to display the picker in `ampm` (12hr) format\n  or `24hr` format.\n   */\n  format: _propTypes2.default.oneOf(['ampm', '24hr']),\n  /**\n   * How many minutes\n  should be added/subtracted when moving the clock pointer.\n   */\n  minutesStep: _propTypes2.default.number,\n  /**\n   * Override the label of the 'OK' button.\n   */\n  okLabel: _propTypes2.default.node,\n  /**\n   * Callback\n  function that is fired when the time value changes. The time value is passed in a Date Object.\n   */\n  /**\n   * Since there is no\n  particular event associated with the change the first argument will always be null\n   */\n  /**\n   * and the second argument will\n  be the new Date instance.\n   */\n  onChange: _propTypes2.default.func,\n  /**\n   * Callback function fired when\n  the TimePicker is tapped or clicked.\n   */\n  onClick: _propTypes2.default.func,\n  /**\n   * Callback function\n  fired when the TimePicker dialog is dismissed.\n   */\n  onDismiss: _propTypes2.default.func,\n  /**\n   * Callback function fired when the TimePicker `TextField` gains focus.\n   */\n  onFocus:\n  _propTypes2.default.func,\n  /**\n   * Callback function fired when the TimePicker dialog is shown.\n   */\n  onShow: _propTypes2.default.func,\n  /**\n   * If true, uses (\"noon\" / \"midnight\") instead of (\"12 a.m.\" / \"12\n  p.m.\").\n   */\n  pedantic\n};\n  /**\n   * It's technically more correct to refer to \"12 noon\" and \"12 midnight\" rather than \"12 a.m.\" and

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\'12 p.m.\' * and it avoids confusion between different locales. By default (for compatibility reasons)
TimePicker uses * (\'12 a.m.\' / \'12 p.m.\'). * / pedantic: _propTypes2.default.bool, / ** * Override
the inline-styles of the root element. * / style: _propTypes2.default.object, / ** * Override the inline-
styles of TimePicker's TextField element. * / textFieldStyle: _propTypes2.default.object, / ** * Sets the
time for the Time Picker programmatically. * / value: _propTypes2.default.object : { }; / exports.default =
TimePicker; , "use strict"; / Object.defineProperty(exports, \'__esModule\', { / value: true }); / nvar _extends2
= require(\'babel-runtime/helpers/extends\'); / nvar _extends3 = _interopRequireDefault(_extends2); / nvar
_objectWithoutProperties2 = require(\'babel-runtime/helpers/objectWithoutProperties\'); / nvar
_objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2); / nvar _getPrototypeOf =
require(\'babel-runtime/core-js/object/get-prototype-of\'); / nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf); / nvar _classCallCheck2 = require(\'babel-
runtime/helpers/classCallCheck\'); / nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2); / nvar
_createClass2 = require(\'babel-runtime/helpers/createClass\'); / nvar _createClass3 =
_interopRequireDefault(_createClass2); / nvar _possibleConstructorReturn2 = require(\'babel-
runtime/helpers/possibleConstructorReturn\'); / nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2); / nvar _inherits2 = require(\'babel-
runtime/helpers/inherits\'); / nvar _inherits3 = _interopRequireDefault(_inherits2); / nvar _simpleAssign =
require(\'simple-assign\'); / nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign); / nvar _react =
require(\'react\'); / nvar _react2 = _interopRequireDefault(_react); / nvar _propTypes = require(\'prop-types\'); / nvar
_propTypes2 = _interopRequireDefault(_propTypes); / nvar _reactEventListener = require(\'react-event-
listener\'); / nvar _reactEventListener2 = _interopRequireDefault(_reactEventListener); / nvar _keyCode =
require(\'keycode\'); / nvar _keyCode2 = _interopRequireDefault(_keyCode); / nvar _Clock =
require(\'./Clock\'); / nvar _Clock2 = _interopRequireDefault(_Clock); / nvar _Dialog = require(\'./Dialog\'); / nvar
_Dialog2 = _interopRequireDefault(_Dialog); / nvar _FlatButton = require(\'./FlatButton\'); / nvar _FlatButton2 =
_interopRequireDefault(_FlatButton); / nfunction _interopRequireDefault(obj) { / return obj && obj.__esModule
? obj : { / default: obj / }; / } / nvar TimePickerDialog = function (_Component) { / (0,
_inherits3.default)(TimePickerDialog, _Component); / n function TimePickerDialog() { / var _ref; / n var
_temp, _this, _ret; / n (0, _classCallCheck3.default)(this, TimePickerDialog); / n for (var _len =
arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) { / args[_key] = arguments[_key]; / n
} / n return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref =
TimePickerDialog.__proto__ || (0, _getPrototypeOf2.default)(TimePickerDialog)).call.apply(_ref,
[this].concat(args))), _this), _this.state = { / n open: false / n }, _this.handleRequestClose = function () { / n
_this.dismiss(); / n }, _this.handleClickCancel = function () { / n _this.dismiss(); / n }, _this.handleClickOK =
function () { / n if (_this.props.onAccept) { / n _this.props.onAccept(_this.refs.clock.getSelectedTime()); / n
} / n _this.setState({ / n open: false / n }); / n }, _this.handleKeyUp = function (event) { / n switch ((0,
_keyCode2.default)(event)) { / n case \'enter\': / n _this.handleClickOK(); / n break; / n } / n },
_temp), (0, _possibleConstructorReturn3.default)(_this, _ret); / n } / n (0, _createClass3.default)(TimePickerDialog,
[ { / n key: \'show\', / n value: function show() { / n if (this.props.onShow && !this.state.open)
this.props.onShow(); / n this.setState({ / n open: true / n }); / n } / n }, { / n key: \'dismiss\', / n value: function
dismiss() { / n if (this.props.onDismiss && this.state.open) this.props.onDismiss(); / n this.setState({ / n
open: false / n }); / n } / n }, { / n key: \'render\', / n value: function render() { / n var _props = this.props, / n
bodyStyle = _props.bodyStyle, / n initialTime = _props.initialTime, / n onAccept = _props.onAccept, / n
format = _props.format, / n autoOk = _props.autoOk, / n okLabel = _props.okLabel, / n cancelLabel =
_props.cancelLabel, / n style = _props.style, / n minutesStep = _props.minutesStep, / n other = (0,
_objectWithoutProperties3.default)(_props, [\'bodyStyle\', \'initialTime\', \'onAccept\', \'format\', \'autoOk\', \'okLabel\',
\'cancelLabel\', \'style\', \'minutesStep\']); / n var styles = { / n root: { / n fontSize: 14, / n color:
this.context.muiTheme.timePicker.clockColor / n }, / n dialogContent: { / n width: 280 / n }, / n
body: { / n padding: 0 / n } / n }; / n var actions = [_react2.default.createElement(_FlatButton2.default,

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    key: 0, label: cancelLabel, primary: true, onClick: this.handleClickCancel
  },
  _react2.default.createElement(_FlatButton2.default, {
    key: 1, label: okLabel, primary: true,
    onClick: this.handleClickOK
  });
  var onClockChangeMinutes = autoOk === true ? this.handleClickOK :
  undefined;
  var open = this.state.open;
  return _react2.default.createElement(_Dialog2.default, (0,
  _extends3.default)({}, other, {
    style: (0, _simpleAssign2.default)(styles.root, style),
    bodyStyle: (0,
    _simpleAssign2.default)(styles.body, bodyStyle),
    actions: actions,
    contentStyle: styles.dialogContent,
    repositionOnUpdate: false,
    open: open,
    onRequestClose: this.handleRequestClose
  })), open &&
  _react2.default.createElement(_reactEventListener2.default, {
    target: 'window',
    onKeyUp:
    this.handleKeyUp
  })), open && _react2.default.createElement(_Clock2.default, {
    ref: 'clock',
    format: format,
    initialTime: initialTime,
    onChangeMinutes: onClockChangeMinutes,
    minutesStep: minutesStep
  });
}
}
return
TimePickerDialog;
})(_react.Component);
TimePickerDialog.defaultProps = {
  okLabel: 'OK',
  cancelLabel:
  'Cancel'
};
TimePickerDialog.contextTypes = {
  muiTheme:
  _propTypes2.default.object.isRequired
};
TimePickerDialog.propTypes = process.env.NODE_ENV !==
  "production" ? {
  autoOk: _propTypes2.default.bool,
  bodyStyle: _propTypes2.default.object,
  cancelLabel:
  _propTypes2.default.node,
  format: _propTypes2.default.oneOf(['ampm', '24hr']),
  initialTime:
  _propTypes2.default.object,
  minutesStep: _propTypes2.default.number,
  okLabel: _propTypes2.default.node,
  onAccept: _propTypes2.default.func,
  onDismiss: _propTypes2.default.func,
  onShow:
  _propTypes2.default.func,
  style: _propTypes2.default.object
} : {};
exports.default = TimePickerDialog;
"use
strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
var _getPrototypeOf =
  require('babel-runtime/core-js/object/get-prototype-of');
var _getPrototypeOf2 =
  _interopRequireDefault(_getPrototypeOf);
var _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');
var _classCallCheck3 = _interopRequireDefault(_classCallCheck);
var _createClass2 = require('babel-runtime/helpers/createClass');
var _createClass3 =
  _interopRequireDefault(_createClass2);
var _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');
var _possibleConstructorReturn3 =
  _interopRequireDefault(_possibleConstructorReturn2);
var _inherits2 = require('babel-
runtime/helpers/inherits');
var _inherits3 = _interopRequireDefault(_inherits2);
var _react =
  require('react');
var _react2 = _interopRequireDefault(_react);
var _propTypes = require('prop-types');
var _propTypes2 = _interopRequireDefault(_propTypes);
var _TimeDisplay = require('./TimeDisplay');
var _TimeDisplay2 = _interopRequireDefault(_TimeDisplay);
var _ClockHours = require('./ClockHours');
var _ClockHours2 = _interopRequireDefault(_ClockHours);
var _ClockMinutes = require('./ClockMinutes');
var _ClockMinutes2 = _interopRequireDefault(_ClockMinutes);
function _interopRequireDefault(obj) {
  return
  obj && obj.__esModule ? obj : {
    default: obj
  };
}
var Clock = function (_Component) {
  (0,
  _inherits3.default)(Clock, _Component);
  function Clock() {
    var _ref;
    var _temp, _this, _ret;
    (0,
    _classCallCheck3.default)(this, Clock);
    for (var _len = arguments.length, args = Array(_len), _key = 0; _key <
    _len; _key++) {
      args[_key] = arguments[_key];
    }
    return _ret = (_temp = (_this = (0,
    _possibleConstructorReturn3.default)(this, (_ref = Clock.__proto__ || (0,
    _getPrototypeOf2.default)(Clock)).call.apply(_ref, [this].concat(args))), _this),
    _this.state = {
      selectedTime:
      null,
      mode: 'hour'
    },
    _this.setMode = function (mode) {
      setTimeout(function () {
        _this.setState({
          mode: mode
        });
      }, 100);
    },
    _this.handleSelectAffix = function (affix) {
      if
      (affix === _this.getAffix()) return;
      var hours = _this.state.selectedTime.getHours();
      if (affix === 'am')
      {
        _this.handleChangeHours(hours - 12, affix);
      }
      return;
    },
    _this.handleChangeHours(hours +
    12, affix);
  },
  _this.handleChangeHours = function (hours, finished) {
    var time = new
    Date(_this.state.selectedTime);
    var affix = void 0;
    if (typeof finished === 'string') {
      affix =
      finished;
      finished = undefined;
    }
    if (!affix) {
      affix = _this.getAffix();
    }
    if (affix
    === 'pm' && hours < 12) {
      hours += 12;
    }
    time.setHours(hours);
    _this.setState({
      selectedTime: time
    });
    if (finished) {
      setTimeout(function () {
        _this.setState({

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mode: 'minute'\n      });\n      var onChangeHours = _this.props.onChangeHours;\n      if\n      (onChangeHours) {\n        onChangeHours(time);\n      }, 100);\n    },\n    _this.handleChangeMinutes = function (minutes, finished) {\n      var time = new Date(_this.state.selectedTime);\n      time.setMinutes(minutes);\n      _this.setState({\n        selectedTime: time\n      });\n      var onChangeMinutes =\n      _this.props.onChangeMinutes;\n      if (onChangeMinutes && finished) {\n        setTimeout(function () {\n          onChangeMinutes(time);\n        }, 0);\n      }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret);\n    })\n    (0, _createClass3.default)(Clock, [{\n      key: 'componentWillMount',\n      value: function\n      componentWillMount() {\n        var selectedTime = this.props.initialTime || new Date();\n        var minutes =\n        selectedTime.getMinutes();\n        selectedTime.setMinutes(minutes - minutes % this.props.minutesStep);\n        this.setState({\n          selectedTime: selectedTime\n        });\n      }, {\n      key: 'getAffix',\n      value: function\n      getAffix() {\n        if (this.props.format !== 'ampm') return '';\n        var hours = this.state.selectedTime.getHours();\n        if (hours < 12) {\n          return 'am';\n        }\n        return 'pm';\n      }}, {\n      key: 'getSelectedTime',\n      value:\n      function getSelectedTime() {\n        return this.state.selectedTime;\n      }}, {\n      key: 'render',\n      value: function\n      render() {\n        var clock = null;\n        var _context$muiTheme = this.context.muiTheme,\n            prepareStyles =\n            _context$muiTheme.prepareStyles,\n            timePicker = _context$muiTheme.timePicker;\n        var styles = {\n          root: {\n            userSelect: 'none'\n          },\n          container: {\n            height: 280,\n            padding: 10,\n            position: 'relative',\n            boxSizing: 'content-box'\n          },\n          circle: {\n            position: 'absolute',\n            top:\n            20,\n            width: 260,\n            height: 260,\n            borderRadius: '100%',\n            backgroundColor:\n            timePicker.clockCircleColor\n          }\n        });\n        if (this.state.mode === 'hour') {\n          clock =\n          _react2.default.createElement(_ClockHours2.default, {\n            key: 'hours',\n            format: this.props.format,\n            onChange: this.handleChangeHours,\n            initialHours: this.state.selectedTime.getHours()\n          });\n        } else\n        {\n          clock = _react2.default.createElement(_ClockMinutes2.default, {\n            key: 'minutes',\n            onChange:\n            this.handleChangeMinutes,\n            initialMinutes: this.state.selectedTime.getMinutes(),\n            step:\n            this.props.minutesStep\n          });\n        }\n        return _react2.default.createElement('div', {\n          style:\n          prepareStyles(styles.root)\n        }, _react2.default.createElement(_TimeDisplay2.default, {\n          selectedTime:\n          this.state.selectedTime,\n          mode: this.state.mode,\n          format: this.props.format,\n          affix: this.getAffix(),\n          onSelectAffix: this.handleSelectAffix,\n          onSelectHour: this.setMode.bind(this, 'hour'),\n          onSelectMin:\n          this.setMode.bind(this, 'minute')\n        })), _react2.default.createElement('div', {\n          style:\n          prepareStyles(styles.container)\n        }, _react2.default.createElement('div', {\n          style:\n          prepareStyles(styles.circle)\n        })), clock));\n      }\n    }]);\n    return\n    Clock;\n  }(_react.Component);\n  \n  Clock.defaultProps = {\n    initialTime: new Date()\n  };\n  \n  Clock.contextTypes = {\n    muiTheme: _propTypes2.default.object.isRequired\n  };\n  \n  Clock.propTypes = process.env.NODE_ENV !==\n  \"production\" ? {\n    format: _propTypes2.default.oneOf(['ampm', '24hr']),\n    initialTime:\n    _propTypes2.default.object,\n    minutesStep: _propTypes2.default.number,\n    onChangeHours:\n    _propTypes2.default.func,\n    onChangeMinutes: _propTypes2.default.func\n  } : {};\n  \n  exports.default = Clock;\n  \n  \"use\n  strict\";\n  \n  Object.defineProperty(exports, \"__esModule\", {\n    value: true\n  });\n  \n  var _extends2 = require('babel-\n  runtime/helpers/extends');\n  \n  var _extends3 = _interopRequireDefault(_extends2);\n  \n  var _slicedToArray2 =\n  require('babel-runtime/helpers/slicedToArray');\n  \n  var _slicedToArray3 =\n  _interopRequireDefault(_slicedToArray2);\n  \n  var _objectWithoutProperties2 = require('babel-\n  runtime/helpers/objectWithoutProperties');\n  \n  var _objectWithoutProperties3 =\n  _interopRequireDefault(_objectWithoutProperties2);\n  \n  var _getPrototypeOf = require('babel-runtime/core-\n  js/object/get-prototype-of');\n  \n  var _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);\n  \n  var _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');\n  \n  var _classCallCheck3 =\n  _interopRequireDefault(_classCallCheck2);\n  \n  var _createClass2 = require('babel-\n  runtime/helpers/createClass');\n  \n  var _createClass3 = _interopRequireDefault(_createClass2);\n  \n  var _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');\n  \n  var _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);\n  \n  var _inherits2 =\n  require('babel-runtime/helpers/inherits');\n  \n  var _inherits3 = _interopRequireDefault(_inherits2);\n  \n  var

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_simpleAssign = require('simple-assign');\n\nvar _simpleAssign2 = _interopRequireDefault(_simpleAssign);\n\nvar _react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };}\n\nvar TimeDisplay = function (_Component) {\n  (0, _inherits3.default)(TimeDisplay, _Component);\n\n  function TimeDisplay() {\n    var _ref;\n\n    var _temp,\n        _this, _ret;\n\n    (0, _classCallCheck3.default)(this, TimeDisplay);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = TimeDisplay.__proto__ || (0, _getPrototypeOf2.default)(TimeDisplay)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n      transitionDirection: 'up'\n    }, _temp), (0, _possibleConstructorReturn3.default)(_this, _ret));\n  }\n\n  (0, _createClass3.default)(TimeDisplay, [{\n    key: 'componentWillReceiveProps',\n    value: function componentWillReceiveProps(nextProps) {\n      if (nextProps.selectedTime !== this.props.selectedTime) {\n        var direction = nextProps.selectedTime > this.props.selectedTime ? 'up' : 'down';\n        this.setState({\n          transitionDirection: direction\n        });\n      }\n    }, {\n    key: 'sanitizeTime',\n    value: function sanitizeTime()\n      {\n        var hour = this.props.selectedTime.getHours();\n        var min = this.props.selectedTime.getMinutes().toString();\n\n        if (this.props.format === 'ampm') {\n          hour %= 12;\n          hour = hour || 12;\n        }\n        hour = hour.toString();\n        if (hour.length < 2) hour = '0' + hour;\n        if (min.length < 2) min = '0' + min;\n        return [hour, min];\n      }\n    }, {\n    key: 'render',\n    value: function render()\n      {\n        var _props = this.props,\n            affix = _props.affix,\n            format = _props.format,\n            mode = _props.mode,\n            onSelectAffix = _props.onSelectAffix,\n            onSelectHour = _props.onSelectHour,\n            onSelectMin = _props.onSelectMin,\n            selectedTime = _props.selectedTime,\n            other = (0, _objectWithoutProperties3.default)(_props, ['affix', 'format', 'mode', 'onSelectAffix', 'onSelectHour', 'onSelectMin', 'selectedTime']);\n\n        var _context$muiTheme = this.context.muiTheme,\n            prepareStyles = _context$muiTheme.prepareStyles,\n            timePicker = _context$muiTheme.timePicker;\n\n        var styles = {\n          root: {\n            padding: '14px 0',\n            borderTopLeftRadius: 2,\n            borderTopRightRadius: 2,\n            backgroundColor: timePicker.headerColor,\n            color: timePicker.textColor\n          },\n          text: {\n            margin: '6px 0',\n            lineHeight: '58px',\n            height: 58,\n            fontSize: 58,\n            display: 'flex',\n            justifyContent: 'center',\n            alignItems: 'baseline'\n          },\n          time: {\n            margin: '0 10px'\n          },\n          affix: {\n            flex: 1,\n            position: 'relative',\n            lineHeight: '17px',\n            height: 17,\n            fontSize: 17\n          },\n          affixTop: {\n            position: 'absolute',\n            top: -20,\n            left: 0\n          },\n          clickable: {\n            cursor: 'pointer'\n          },\n          inactive: {\n            opacity: 0.7\n          }\n        }; \n\n        var _sanitizeTime = this.sanitizeTime(),\n            _sanitizeTime2 = (0, _slicedToArray3.default)(_sanitizeTime, 2),\n            hour = _sanitizeTime2[0],\n            min = _sanitizeTime2[1];\n\n        var buttons = [];\n\n        if (format === 'ampm') {\n          buttons = [_react2.default.createElement('div', {\n            key: 'pm',\n            style: prepareStyles((0, _simpleAssign2.default)({}, styles.clickable, affix === 'pm' ? {} : styles.inactive)),\n            onClick: function onClick()\n              {\n                return onSelectAffix('pm');\n              }\n          }, 'PM'), _react2.default.createElement('div', {\n            key: 'am',\n            style: prepareStyles((0, _simpleAssign2.default)({}, styles.affixTop, styles.clickable, affix === 'am' ? {} : styles.inactive)),\n            onClick: function onClick()\n              {\n                return onSelectAffix('am');\n              }\n          }, 'AM')];\n        }\n\n        return _react2.default.createElement('div', (0, _extends3.default)({}, other, {\n          style: prepareStyles(styles.root)\n        }), _react2.default.createElement('div', {\n          style: prepareStyles((0, _simpleAssign2.default)({}, styles.affix))\n        }), _react2.default.createElement('div', {\n          style: prepareStyles(styles.time)\n        }), _react2.default.createElement('span', {\n          style: prepareStyles((0, _simpleAssign2.default)({}, styles.clickable, mode === 'hour' ? {} : styles.inactive)),\n          onClick: onSelectHour\n        }, hour), _react2.default.createElement('span', null, ':'), _react2.default.createElement('span', {\n          style: prepareStyles((0, _simpleAssign2.default)({}, styles.clickable, mode === 'minute' ? {} : styles.inactive)),\n          onClick: onSelectMin\n        }, min)), _react2.default.createElement('div', {\n          style: prepareStyles((0, _simpleAssign2.default)({}, styles.affix))\n        }, buttons));\n      }\n    }]);\n  return\n}

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TimeDisplay;\n})(_react.Component);\n\nTimeDisplay.defaultProps = {\n  affix: "",\n  mode:
'hour'\n};\nTimeDisplay.contextTypes = {\n  muiTheme:
_propTypes2.default.object.isRequired\n};\nTimeDisplay.propTypes = process.env.NODE_ENV !== \"production\"
? {\n  affix: _propTypes2.default.oneOf(['', 'pm', 'am']),\n  format: _propTypes2.default.oneOf(['ampm', '24hr']),\n
mode: _propTypes2.default.oneOf(['hour', 'minute']),\n  onSelectAffix: _propTypes2.default.func,\n  onSelectHour:
_propTypes2.default.func,\n  onSelectMin: _propTypes2.default.func,\n  selectedTime:
_propTypes2.default.object.isRequired\n} : {};\n\nexports.default = TimeDisplay;","use
strict";\n\nObject.defineProperty(exports, \"__esModule\", {\n  value: true\n});\n\nvar _getPrototypeOf =
require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _reactDom = require('react-dom');\n\nvar _reactDom2 =
_interopRequireDefault(_reactDom);\n\nvar _ClockNumber = require('./ClockNumber');\n\nvar _ClockNumber2 =
_interopRequireDefault(_ClockNumber);\n\nvar _ClockPointer = require('./ClockPointer');\n\nvar _ClockPointer2 =
_interopRequireDefault(_ClockPointer);\n\nvar _timeUtils = require('./timeUtils');\n\nfunction
_interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };\n}\n\nvar
ClockHours = function (_Component) {\n  (0, _inherits3.default)(ClockHours, _Component);\n\n  function
ClockHours() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0, _classCallCheck3.default)(this, ClockHours);\n\n    for (var _len = arguments.length, args = Array(_len), _key = 0; _key < _len; _key++) {\n      args[_key] =
arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0, _possibleConstructorReturn3.default)(this, (_ref =
ClockHours.__proto__ || (0, _getPrototypeOf2.default)(ClockHours)).call.apply(_ref, [this].concat(args))), _this),
_this.handleUp = function (event) {\n      event.preventDefault();\n\n      _this.setClock(event.nativeEvent, true);\n
}, _this.handleMove = function (event) {\n      event.preventDefault();\n      if (_this.isMousePressed(event) !== 1)
return;\n\n      _this.setClock(event.nativeEvent, false);\n    }, _this.handleTouchMove = function (event) {\n
event.preventDefault();\n\n      _this.setClock(event.changedTouches[0], false);\n    }, _this.handleTouchEnd =
function (event) {\n      event.preventDefault();\n\n      _this.setClock(event.changedTouches[0], true);\n    }, _temp)
(0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(ClockHours, [{\n    key:
'componentDidMount',\n    value: function componentDidMount() {\n      var clockElement =
_reactDom2.default.findDOMNode(this.refs.mask);\n\n      this.center = {\n        x: clockElement.offsetWidth / 2,\n
        y: clockElement.offsetHeight / 2\n      };\n      this.basePoint = {\n        x: this.center.x,\n        y: 0\n      };\n    }
}, {\n    key: 'isMousePressed',\n    value: function isMousePressed(event) {\n      if (typeof event.buttons ===
'undefined')\n        return event.nativeEvent.which;\n      }\n    }, {\n    key:
'setClock',\n    value: function setClock(event, finish) {\n      if (typeof event.offsetX === 'undefined') {\n        var
offset = (0, _timeUtils.getTouchEventOffsetValues)(event);\n        event.offsetX = offset.offsetX;\n
event.offsetY = offset.offsetY;\n      }\n\n      var hours = this.getHours(event.offsetX, event.offsetY);\n
this.props.onChange(hours, finish);\n    } }], {\n    key: 'getHours',\n    value: function getHours(offsetX, offsetY)
{\n      var step = 30;\n      var x = offsetX - this.center.x;\n      var y = offsetY - this.center.y;\n      var cx =
this.basePoint.x - this.center.x;\n      var cy = this.basePoint.y - this.center.y;\n      var atan = Math.atan2(cx, cy) -
Math.atan2(x, y);\n      var deg = (0, _timeUtils.rad2deg)(atan);\n      deg = Math.round(deg / step) * step;\n      deg
%= 360;\n      var value = Math.floor(deg / step) || 0;\n      var delta = Math.pow(x, 2) + Math.pow(y, 2);\n      var
distance = Math.sqrt(delta);\n      value = value || 12;\n\n      if (this.props.format === '24hr') {\n        if (distance <
90) {\n          value += 12;\n          value %= 24;\n        }\n      } else {\n        value %= 12;\n      }\n\n      return

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value;\n  }\n  }, {\n    key: 'getSelected',\n    value: function getSelected() {\n      var hour =
this.props.initialHours;\n\n      if (this.props.format === 'ampm') {\n        hour %= 12;\n        hour = hour || 12;\n      }\n\n      return hour;\n    }\n  }, {\n    key: 'getHourNumbers',\n    value: function getHourNumbers() {\n      var
_this2 = this;\n\n      var style = {\n        pointerEvents: 'none'\n      }; \n      var hourSize = this.props.format ===
'ampm' ? 12 : 24;\n      var hours = [];\n\n      for (var i = 1; i <= hourSize; i++) {\n        hours.push(i % 24);\n      }\n\n      return hours.map(function (hour) {\n        var isSelected = _this2.getSelected() === hour;\n        return
_react2.default.createElement(_ClockNumber2.default, {\n          key: hour,\n          style: style,\n          isSelected:
isSelected,\n          type: 'hour',\n          value: hour\n        });\n      });\n    }\n  }, {\n    key: 'render',\n    value:
function render() {\n      var styles = {\n        root: {\n          height: '100%',\n          width: '100%',\n          borderRadius: '100%',\n          position: 'relative',\n          pointerEvents: 'none',\n          boxSizing: 'border-box'\n        },\n        hitMask: {\n          height: '100%',\n          width: '100%',\n          pointerEvents: 'auto'\n        }\n      }; \n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var hours = this.getSelected();\n      var numbers =
this.getHourNumbers();\n      return _react2.default.createElement('div', {\n        ref: 'clock',\n        style:
prepareStyles(styles.root)\n      }, _react2.default.createElement(_ClockPointer2.default, {\n        hasSelected: true,\n        value: hours,\n        type: 'hour'\n      }), numbers, _react2.default.createElement('div', {\n        ref: 'mask',\n        style: prepareStyles(styles.hitMask),\n        onTouchMove: this.handleTouchMove,\n        onTouchEnd:
this.handleTouchEnd,\n        onMouseUp: this.handleUp,\n        onMouseMove: this.handleMove\n      }));\n    }\n  });\n  return ClockHours;\n})(_react.Component);\n\nClockHours.defaultProps = {\n  initialHours: new
Date().getHours(),\n  onChange: function onChange() {},\n  format: 'ampm'\n};\n\nClockHours.contextTypes = {\n  muiTheme: _propTypes2.default.isRequired\n};\n\nClockHours.propTypes = process.env.NODE_ENV !==
'production' ? {\n  format: _propTypes2.default.oneOf(['ampm', '24hr']),\n  initialHours:
_propTypes2.default.number,\n  onChange: _propTypes2.default.func\n} : {};\n\nexports.default =
ClockHours;"", "use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar
_getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');\n\nvar _getPrototypeOf2 =
_interopRequireDefault(_getPrototypeOf);\n\nvar _classCallCheck2 = require('babel-
runtime/helpers/classCallCheck');\n\nvar _classCallCheck3 = _interopRequireDefault(_classCallCheck2);\n\nvar
_createClass2 = require('babel-runtime/helpers/createClass');\n\nvar _createClass3 =
_interopRequireDefault(_createClass2);\n\nvar _possibleConstructorReturn2 = require('babel-
runtime/helpers/possibleConstructorReturn');\n\nvar _possibleConstructorReturn3 =
_interopRequireDefault(_possibleConstructorReturn2);\n\nvar _inherits2 = require('babel-
runtime/helpers/inherits');\n\nvar _inherits3 = _interopRequireDefault(_inherits2);\n\nvar _react =
require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-types');\n\nvar
_propTypes2 = _interopRequireDefault(_propTypes);\n\nvar _ClockNumber = require('./ClockNumber');\n\nvar
_ClockNumber2 = _interopRequireDefault(_ClockNumber);\n\nvar _ClockPointer =
require('./ClockPointer');\n\nvar _ClockPointer2 = _interopRequireDefault(_ClockPointer);\n\nvar _timeUtils =
require('./timeUtils');\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n
default: obj\n};\n}\n\nvar ClockMinutes = function (_Component) {\n  (0, _inherits3.default)(ClockMinutes,
_ClockPointer2);\n\n  function ClockMinutes() {\n    var _ref;\n\n    var _temp, _this, _ret;\n\n    (0,
_classCallCheck3.default)(this, ClockMinutes);\n\n    for (var _len = arguments.length, args = Array(_len), _key =
0; _key < _len; _key++) {\n      args[_key] = arguments[_key];\n    }\n\n    return _ret = (_temp = (_this = (0,
_possibleConstructorReturn3.default)(this, (_ref = ClockMinutes.__proto__ || (0,
_getPrototypeOf2.default)(ClockMinutes)).call.apply(_ref, [this].concat(args))), _this), _this.handleUp = function
(event) {\n      event.preventDefault();\n\n      _this.setClock(event.nativeEvent, true);\n    }, _this.handleMove =
function (event) {\n      event.preventDefault();\n\n      if (_this.isMousePressed(event) !== 1) {\n        return;\n      }\n\n      _this.setClock(event.nativeEvent, false);\n    }, _this.handleTouch = function (event) {\n
event.preventDefault();\n\n      _this.setClock(event.changedTouches[0], event.type === 'touchend');\n    }, _temp),
(0, _possibleConstructorReturn3.default)(_this, _ret);\n  }\n\n  (0, _createClass3.default)(ClockMinutes, [{\n    key:
'componentDidMount',\n    value: function componentDidMount() {\n      var clockElement = this.refs.mask;\n

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this.center = {
  x: clockElement.offsetWidth / 2,
  y: clockElement.offsetHeight / 2
};
this.basePoint = {
  x: this.center.x,
  y: 0
};
function isMousePressed(event) {
  if (typeof event.buttons === 'undefined') {
    return event.nativeEvent.which;
  }
  return event.buttons;
}, {
  key: 'isMousePressed',
  value: function isMousePressed(event, finish) {
    if (typeof event.offsetX === 'undefined') {
      var offset = (0,
        _timeUtils.getTouchEventOffsetValues)(event);
      event.offsetX = offset.offsetX;
      event.offsetY = offset.offsetY;
    }
    var minutes = this.getMinutes(event.offsetX, event.offsetY);
    this.props.onChange(minutes, finish);
  }, {
  key: 'getMinutes',
  value: function getMinutes(offsetX, offsetY) {
    var step = 6 * this.props.step;
    var x = offsetX - this.center.x;
    var y = offsetY - this.center.y;
    var cx = this.basePoint.x - this.center.x;
    var cy = this.basePoint.y - this.center.y;
    var atan = Math.atan2(cx, cy) - Math.atan2(x, y);
    var deg = (0, _timeUtils.rad2deg)(atan);
    deg = Math.round(deg / step) * step;
    deg %= 360;
    var value = Math.floor(deg / step) || 0;
    return value * this.props.step;
  }, {
  key: 'getMinuteNumbers',
  value: function getMinuteNumbers() {
    var minutes = [];
    for (var i = 0; i < 12; i++) {
      minutes.push(i * 5);
    }
    var selectedMinutes = this.props.initialMinutes;
    var hasSelected = false;
    var numbers = minutes.map(function (minute) {
      var isSelected = selectedMinutes === minute;
      if (isSelected) {
        hasSelected = true;
      }
      return _react2.default.createElement(_ClockNumber2.default, {
        key: minute,
        isSelected: isSelected,
        type: 'minute',
        value: minute
      });
    });
    return {
      numbers: numbers,
      hasSelected: hasSelected,
      selected: selectedMinutes
    };
  }, {
  key: 'render',
  value: function render() {
    var styles = {
      root: {
        height: '100%',
        width: '100%',
        borderRadius: '100%',
        position: 'relative',
        pointerEvents: 'none',
        boxSizing: 'border-box'
      },
      hitMask: {
        height: '100%',
        width: '100%',
        pointerEvents: 'auto'
      }
    };
    var prepareStyles = this.context.muiTheme.prepareStyles;
    var minutes = this.getMinuteNumbers();
    return _react2.default.createElement('div', {
      ref: 'clock',
      style: prepareStyles(styles.root)
    },
    _react2.default.createElement(_ClockPointer2.default, {
      value: minutes.selected,
      type: 'minute',
      hasSelected: minutes.hasSelected
    }), minutes.numbers, _react2.default.createElement('div', {
      ref: 'mask',
      style: prepareStyles(styles.hitMask),
      onTouchMove: this.handleTouch,
      onTouchEnd: this.handleTouch,
      onMouseUp: this.handleUp,
      onMouseMove: this.handleMove
    }));
  }
});
return ClockMinutes;
})(_react.Component);
ClockMinutes.defaultProps = {
  initialMinutes: new Date().getMinutes(),
  onChange: function onChange() {},
  step: 1
};
ClockMinutes.contextTypes = {
  muiTheme: _propTypes2.default.isRequired
};
ClockMinutes.propTypes = process.env.NODE_ENV !== "production" ? {
  initialMinutes: _propTypes2.default.number,
  onChange: _propTypes2.default.func,
  step: _propTypes2.default.number
} : {};
exports.default = ClockMinutes;
"use strict";
Object.defineProperty(exports, "__esModule", {
  value: true
});
var _extends2 = require('babel-runtime/helpers/extends');
var _interopRequireDefault = _interopRequireDefaultDefault(_extends2);
var _objectWithoutProperties2 = require('babel-runtime/helpers/objectWithoutProperties');
var _objectWithoutProperties3 = _interopRequireDefault(_objectWithoutProperties2);
var _getPrototypeOf = require('babel-runtime/core-js/object/get-prototype-of');
var _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);
var _classCallCheck2 = require('babel-runtime/helpers/classCallCheck');
var _classCallCheck3 = _interopRequireDefault(_classCallCheck2);
var _createClass2 = require('babel-runtime/helpers/createClass');
var _createClass3 = _interopRequireDefault(_createClass2);
var _possibleConstructorReturn2 = require('babel-runtime/helpers/possibleConstructorReturn');
var _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);
var _inherits2 = require('babel-runtime/helpers/inherits');
var _inherits3 = _interopRequireDefault(_inherits2);
var _simpleAssign = require('simple-assign');
var _simpleAssign2 = _interopRequireDefault(_simpleAssign);
var _react = require('react');
var _react2 = _interopRequireDefault(_react);
var _propTypes = require('prop-types');
var _propTypes2 = _interopRequireDefault(_propTypes);
var _transitions = require('../styles/transitions');

```

```

_transitions2 = _interopRequireDefault(_transitions);\n\nvar _Paper = require('./Paper');\n\nvar _Paper2 =
_interopRequireDefault(_Paper);\n\nvar _EnhancedSwitch = require('./internal/EnhancedSwitch');\n\nvar
_EnhancedSwitch2 = _interopRequireDefault(_EnhancedSwitch);\n\nfunction _interopRequireDefault(obj) {\n
return obj && obj.__esModule ? obj : {\n  default: obj\n };}\n\nfunction getStyles(props, context, state) {\n var
disabled = props.disabled,\n  elementStyle = props.elementStyle,\n  trackSwitchedStyle =
props.trackSwitchedStyle,\n  thumbSwitchedStyle = props.thumbSwitchedStyle,\n  trackStyle =
props.trackStyle,\n  thumbStyle = props.thumbStyle,\n  iconStyle = props.iconStyle,\n  rippleStyle =
props.rippleStyle,\n  labelStyle = props.labelStyle;\n var _context$muiTheme = context.muiTheme,\n
baseTheme = _context$muiTheme.baseTheme,\n  toggle = _context$muiTheme.toggle;\n var toggleSize = 20;\n
var toggleTrackWidth = 36;\n var styles = {\n  icon: {\n    width: 36,\n    padding: '4px 0px 6px 2px'\n  },\n
ripple: {\n    top: -10,\n    left: -10,\n    color: state.switched ? toggle.thumbOnColor :
baseTheme.palette.textColor\n  },\n  toggleElement: {\n    width: toggleTrackWidth\n  },\n  track: {\n
transition: _transitions2.default.easeOut(),\n    width: '100%',\n    height: 14,\n    borderRadius: 30,\n
backgroundColor: toggle.trackOffColor\n  },\n  thumb: {\n    transition: _transitions2.default.easeOut(),\n
position: 'absolute',\n    top: 1,\n    left: 0,\n    width: toggleSize,\n    height: toggleSize,\n    lineHeight:
'24px',\n    borderRadius: '50%',\n    backgroundColor: toggle.thumbOffColor\n  },\n  trackWhenSwitched: {\n
backgroundColor: toggle.trackOnColor\n  },\n  thumbWhenSwitched: {\n    backgroundColor:
toggle.thumbOnColor,\n    left: '100%\n  },\n  trackWhenDisabled: {\n    backgroundColor:
toggle.trackDisabledColor\n  },\n  thumbWhenDisabled: {\n    backgroundColor: toggle.thumbDisabledColor\n
},\n  label: {\n    color: disabled ? toggle.labelDisabledColor : toggle.labelColor,\n    width: 'calc(100% - ' +
(toggleTrackWidth + 10) + 'px)'\n  }\n };}\n (0, _simpleAssign2.default)(styles.track, trackStyle, state.switched
&& styles.trackWhenSwitched, state.switched && trackSwitchedStyle, disabled && styles.trackWhenDisabled);\n
(0, _simpleAssign2.default)(styles.thumb, thumbStyle, state.switched && styles.thumbWhenSwitched,
state.switched && thumbSwitchedStyle, disabled && styles.thumbWhenDisabled);\n\n if (state.switched) {\n
styles.thumb.marginLeft = 0 - styles.thumb.width;\n }\n\n (0, _simpleAssign2.default)(styles.icon, iconStyle);\n
(0, _simpleAssign2.default)(styles.ripple, rippleStyle);\n (0, _simpleAssign2.default)(styles.label, labelStyle);\n
(0, _simpleAssign2.default)(styles.toggleElement, elementStyle);\n return styles;\n}\n\nvar Toggle = function
(_Component) {\n (0, _inherits3.default)(Toggle, _Component);\n\n function Toggle() {\n var _ref;\n\n var
_temp, _this, _ret;\n\n (0, _classCallCheck3.default)(this, Toggle);\n\n for (var _len = arguments.length, args =
Array(_len), _key = 0; _key < _len; _key++) {\n  args[_key] = arguments[_key];\n }\n\n return _ret = (_temp
= (_this = (0, _possibleConstructorReturn3.default)(this, (_ref = Toggle.__proto__ || (0,
_getPrototypeOf2.default)(Toggle)).call.apply(_ref, [this].concat(args))), _this), _this.state = {\n  switched:
false\n }, _this.handleStateChange = function (newSwitched) {\n  _this.setState({\n    switched:
newSwitched\n  });\n }, _this.handleToggle = function (event, isInputChecked) {\n  if (_this.props.onToggle)
{\n    _this.props.onToggle(event, isInputChecked);\n  }\n }, _temp), (0,
_possibleConstructorReturn3.default)(_this, _ret);\n }\n\n (0, _createClass3.default)(Toggle, [{\n key:
'componentWillMount',\n  value: function componentWillMount() {\n    var _props = this.props,\n    toggled =
_props.toggled,\n    defaultToggled = _props.defaultToggled,\n    valueLink = _props.valueLink;\n\n    if
(toggled || defaultToggled || valueLink && valueLink.value) {\n    this.setState({\n    switched: true\n
});\n  }\n }, {\n key: 'isToggled',\n  value: function isToggled() {\n    return
this.refs.enhancedSwitch.isSwitched();\n  }\n }, {\n key: 'setToggled',\n  value: function
setToggled(newToggledValue) {\n    this.refs.enhancedSwitch.setSwitched(newToggledValue);\n  }\n }, {\n
key: 'render',\n  value: function render() {\n    var _props2 = this.props,\n    defaultToggled =
_props2.defaultToggled,\n    elementStyle = _props2.elementStyle,\n    onToggle = _props2.onToggle,\n
trackSwitchedStyle = _props2.trackSwitchedStyle,\n    thumbSwitchedStyle = _props2.thumbSwitchedStyle,\n
toggled = _props2.toggled,\n    other = (0, _objectWithoutProperties3.default)(_props2, ['defaultToggled',
'elementStyle', 'onToggle', 'trackSwitchedStyle', 'thumbSwitchedStyle', 'toggled']);\n    var prepareStyles =
this.context.muiTheme.prepareStyles;\n    var styles = getStyles(this.props, this.context, this.state);\n\n    var

```

```

toggleElement = _react2.default.createElement('div', {
  style: prepareStyles((0, _simpleAssign2.default)({
    styles.toggleElement))
  }, _react2.default.createElement('div', {
    style: prepareStyles((0,
    _simpleAssign2.default)({
      styles.track))
    }, _react2.default.createElement(_Paper2.default, {
      style:
      styles.thumb,
      circle: true,
      zDepth: 1
    }));
    var enhancedSwitchProps = {
      ref:
      'enhancedSwitch',
      inputType: 'checkbox',
      switchElement: toggleElement,
      rippleStyle:
      styles.ripple,
      rippleColor: styles.ripple.color,
      iconStyle: styles.icon,
      trackStyle: styles.track,
      thumbStyle: styles.thumb,
      labelStyle: styles.label,
      switched: this.state.switched,
      onSwitch:
      this.handleToggle,
      onParentShouldUpdate: this.handleStateChange,
      labelPosition:
      this.props.labelPosition
    };
    if (this.props.hasOwnProperty('toggled')) {
      enhancedSwitchProps.checked = toggled;
    } else if (this.props.hasOwnProperty('defaultToggled')) {
      enhancedSwitchProps.defaultChecked = defaultToggled;
    }
    return
    _react2.default.createElement(_EnhancedSwitch2.default, (0, _extends3.default)({
      other,
      enhancedSwitchProps
    }, this.props));
  }
  return Toggle;
})(_react.Component);
Toggle.defaultProps = {
  defaultToggled: false,
  disabled: false,
  labelPosition: 'left'
};
Toggle.contextTypes = {
  muiTheme:
  _propTypes2.default.object.isRequired
};
Toggle.propTypes = process.env.NODE_ENV !== "production" ? {
  /**
   * Determines whether the Toggle is initially turned on.
   * **Warning:** This cannot be used in
   conjunction with `toggled`.
   * Decide between using a controlled or uncontrolled input element and remove one
   of these props.
   * More info: https://fb.me/react-controlled-components
   */
  defaultToggled:
  _propTypes2.default.bool,
  /**
   * Will disable the toggle if true.
   */
  disabled:
  _propTypes2.default.bool,
  /**
   * Overrides the inline-styles of the Toggle element.
   */
  elementStyle:
  _propTypes2.default.object,
  /**
   * Overrides the inline-styles of the Icon element.
   */
  iconStyle:
  _propTypes2.default.object,
  /**
   * Overrides the inline-styles of the input element.
   */
  inputStyle:
  _propTypes2.default.object,
  /**
   * Label for toggle.
   */
  label: _propTypes2.default.node,
  /**
   * Where the label will be placed next to the toggle.
   */
  labelPosition: _propTypes2.default.oneOf(['left',
  'right']),
  /**
   * Overrides the inline-styles of the Toggle element label.
   */
  labelStyle:
  _propTypes2.default.object,
  /**
   * Callback function that is fired when the toggle switch is toggled.
   */
  onToggle:
  _propTypes2.default.func,
  /**
   * Override style of ripple.
   */
  rippleStyle:
  _propTypes2.default.object,
  /**
   * Override the inline-styles of the root element.
   */
  style:
  _propTypes2.default.object,
  /**
   * Override style for thumb.
   */
  thumbStyle:
  _propTypes2.default.object,
  /**
   * Override the inline styles for thumb when the toggle switch is toggled
   on.
   */
  thumbSwitchedStyle: _propTypes2.default.object,
  /**
   * Toggled if set to true.
   */
  toggled:
  _propTypes2.default.bool,
  /**
   * Override style for track.
   */
  trackStyle: _propTypes2.default.object,
  /**
   * Override the inline styles for track when the toggle switch is toggled on.
   */
  trackSwitchedStyle:
  _propTypes2.default.object,
  /**
   * ValueLink prop for when using controlled toggle.
   */
  valueLink:
  _propTypes2.default.object
} : {};
exports.default = Toggle;
"use strict";
Object.defineProperty(exports,
  "__esModule", {
    value: true
  });
var _extends2 = require("babel-runtime/helpers/extends");
var _extends3 =
  _interopRequireDefault(_extends2);
var _objectWithoutProperties2 = require("babel-
runtime/helpers/objectWithoutProperties");
var _objectWithoutProperties3 =
  _interopRequireDefault(_objectWithoutProperties2);
var _getPrototypeOf = require("babel-runtime/core-
js/object/get-prototype-of");
var _getPrototypeOf2 = _interopRequireDefault(_getPrototypeOf);
var _classCallCheck2 = require("babel-runtime/helpers/classCallCheck");
var _classCallCheck3 =
  _interopRequireDefault(_classCallCheck2);
var _createClass2 = require("babel-
runtime/helpers/createClass");
var _createClass3 = _interopRequireDefault(_createClass2);
var _possibleConstructorReturn2 = require("babel-runtime/helpers/possibleConstructorReturn");
var _possibleConstructorReturn3 = _interopRequireDefault(_possibleConstructorReturn2);
var _inherits2 = require("babel-runtime/helpers/inherits");
var _inherits3 = _interopRequireDefault(_inherits2);
var _simpleAssign = require('simple-assign');
var _simpleAssign2 = _interopRequireDefault(_simpleAssign);

```

```

_react = require('react');\n\nvar _react2 = _interopRequireDefault(_react);\n\nvar _propTypes = require('prop-  
types');\n\nvar _propTypes2 = _interopRequireDefault(_propTypes);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };}\n\nfunction getStyles(props, context) {\n  var noGutter = props.noGutter;\n  var _context$muiTheme = context.muiTheme,\n      baseTheme = _context$muiTheme.baseTheme,\n      toolbar = _context$muiTheme.toolbar;\n  return {\n    root: {\n      boxSizing: 'border-box',\n      WebkitTapHighlightColor: 'rgba(0,0,0,0)',\n      // Remove mobile color flashing (deprecated)\n      backgroundColor: toolbar.backgroundColor,\n      height: toolbar.height,\n      padding: noGutter ? 0 : '0px ' + baseTheme.spacing.desktopGutter + 'px',\n      display: 'flex',\n      justifyContent: 'space-between'\n    }\n  };\n}\n\nvar Toolbar = function (_Component) {\n  (0, _inherits3.default)(Toolbar, _Component);\n\n  function Toolbar() {\n    (0, _classCallCheck3.default)(this, Toolbar);\n    return (0, _possibleConstructorReturn3.default)(this, (Toolbar.__proto__ || (0, _getPrototypeOf2.default)(Toolbar)).apply(this, arguments));\n  }\n\n  (0, _createClass3.default)(Toolbar, [{\n    key: 'render',\n    value: function render() {\n      var _props = this.props,\n          children = _props.children,\n          className = _props.className,\n          noGutter = _props.noGutter,\n          style = _props.style,\n          other = (0, _objectWithoutProperties3.default)(_props, ['children', 'className', 'noGutter', 'style']);\n      var prepareStyles = this.context.muiTheme.prepareStyles;\n      var styles = getStyles(this.props, this.context);\n      return _react2.default.createElement('div', (0, _extends3.default)({\n        other: {\n          className: className,\n          style: prepareStyles((0, _simpleAssign2.default)({}, styles.root, style))\n        },\n        children\n      })), children);\n    }\n  }]);\n  return Toolbar;\n}(_react.Component);\n\nToolbar.defaultProps = {\n  noGutter: false\n};\n\nToolbar.contextTypes = {\n  muiTheme: _propTypes2.default.object.isRequired\n};\n\nToolbar.propTypes = process.env.NODE_ENV !== 'production' ? {\n  /**\n   * Can be a `ToolbarGroup` to render a group of related items.\n   */\n  children: _propTypes2.default.node,\n  /**\n   * The css class name of the root element.\n   */\n  className: _propTypes2.default.string,\n  /**\n   * Do not apply `desktopGutter` to the `Toolbar`.\n   */\n  noGutter: _propTypes2.default.bool,\n  /**\n   * Override the inline-styles of the root element.\n   */\n  style: _propTypes2.default.object\n} : {};\n\nexports.default = Toolbar;","use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends = Object.assign || function (target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments[i];\n\n    for (var key in source) {\n      if (Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n    }\n  }\n\n  return target;\n};\n\nvar _Toggle = require('material-ui/Toggle');\n\nvar _Toggle2 = _interopRequireDefault(_Toggle);\n\nvar _createComponent = require('./createComponent');\n\nvar _createComponent2 = _interopRequireDefault(_createComponent);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };}\n\nfunction _objectWithoutProperties(obj, keys) {\n  var target = {};\n\n  for (var i in obj) {\n    if (keys.indexOf(i) >= 0) continue;\n    if (!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n    target[i] = obj[i];\n  }\n\n  return target;\n}\n\nexports.default = (0, _createComponent2.default)(_Toggle2.default, function (_ref) {\n  var _ref$input = _ref.input,\n      onChange = _ref$input.onChange,\n      value = _ref$input.value,\n      inputProps = _objectWithoutProperties(_ref$input, ['onChange', 'value']),\n      defaultToggled = _ref.defaultToggled,\n      meta = _ref.meta,\n      props = _objectWithoutProperties(_ref, ['input', 'defaultToggled', 'meta']);\n  return _extends({\n    inputProps, props, {\n      onToggle: onChange,\n      toggled: !!value\n    }\n  });},"use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends = Object.assign || function (target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments[i];\n\n    for (var key in source) {\n      if (Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n    }\n  }\n\n  return target;\n};\n\nvar _Slider = require('material-ui/Slider');\n\nvar _Slider2 = _interopRequireDefault(_Slider);\n\nvar _createComponent = require('./createComponent');\n\nvar _createComponent2 = _interopRequireDefault(_createComponent);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  };}\n\nfunction _objectWithoutProperties(obj, keys) {\n  var target = {};\n\n  for (var i in obj) {\n    if (keys.indexOf(i) >= 0) continue;\n    if (!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n    target[i] = obj[i];\n  }\n\n  return

```



```

inputProps.onChange(value);\n\n  if (_onChange) {\n    _onChange(value);\n  }\n});\n};\n";\n"use strict";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends = Object.assign ||\nfunction (target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments[i];\n\n    for (var key in source) {\n      if (Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n    }\n\n    return target;\n  }\n};\n\nvar _DatePicker = require('material-ui/DatePicker');\nvar _DatePicker2 = _interopRequireDefault(_DatePicker);\nvar _createComponent = require('./createComponent');\nvar _createComponent2 = _interopRequireDefault(_createComponent);\nvar _mapError = require('./mapError');\nvar _mapError2 = _interopRequireDefault(_mapError);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  }\n}\n\nfunction _objectWithoutProperties(obj, keys) {\n  var target = {};\n\n  for (var i in obj) {\n    if (keys.indexOf(i) >= 0) continue;\n    if (!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n    target[i] = obj[i];\n  }\n\n  return target;\n}\n\nexports.default = (0, _createComponent2.default)(_DatePicker2.default, function (_ref) {\n  var _ref$input = _ref.input,\n      onBlur = _ref$input.onBlur,\n      inputProps = _objectWithoutProperties(_ref$input, ['onBlur']),\n      defaultDate = _ref.defaultDate,\n      _onChange = _ref.onChange,\n      props = _objectWithoutProperties(_ref, ['input', 'defaultDate', 'onChange']);\n\n  return _extends({}, inputProps, (0, _mapError2.default)(props), {\n    onChange: function onChange(event, value) {\n      inputProps.onChange(value);\n\n      if (_onChange) {\n        _onChange(value);\n      }\n    }\n  });\n});\n";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _extends = Object.assign ||\nfunction (target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments[i];\n\n    for (var key in source) {\n      if (Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n    }\n\n    return target;\n  }\n};\n\nvar _SelectField = require('material-ui/SelectField');\nvar _SelectField2 = _interopRequireDefault(_SelectField);\nvar _createComponent = require('./createComponent');\nvar _createComponent2 = _interopRequireDefault(_createComponent);\nvar _mapError = require('./mapError');\nvar _mapError2 = _interopRequireDefault(_mapError);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  }\n}\n\nfunction _objectWithoutProperties(obj, keys) {\n  var target = {};\n\n  for (var i in obj) {\n    if (keys.indexOf(i) >= 0) continue;\n    if (!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n    target[i] = obj[i];\n  }\n\n  return target;\n}\n\nexports.default = (0, _createComponent2.default)(_SelectField2.default, function (_ref) {\n  var _ref$input = _ref.input,\n      _onChange = _ref$input.onChange,\n      value = _ref$input.value,\n      onBlur = _ref$input.onBlur,\n      inputProps = _objectWithoutProperties(_ref$input, ['onChange', 'value', 'onBlur']),\n      onChangeFromField = _ref.onChange,\n      props = _objectWithoutProperties(_ref, ['input', 'onChange']);\n\n  return _extends({}, (0, _mapError2.default)(props), inputProps, {\n    value: value,\n    onChange: function onChange(event, index, value) {\n      _onChange(value);\n\n      if (onChangeFromField) {\n        onChangeFromField(value);\n      }\n    },\n    onBlur: function onBlur() {\n      return onBlur(value);\n    }\n  });\n});\n";\n\nObject.defineProperty(exports, "__esModule", {\n  value: true\n});\n\nvar _typeof =\ntypeof Symbol === "function" && typeof Symbol.iterator === "symbol" ? function (obj) {\n  return typeof obj;\n} : function (obj) {\n  return obj && typeof Symbol === "function" && obj.constructor === Symbol && obj !== Symbol.prototype ? "symbol" : typeof obj;\n};\n\nvar _extends = Object.assign ||\nfunction (target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments[i];\n\n    for (var key in source) {\n      if (Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n    }\n\n    return target;\n  }\n};\n\nvar _AutoComplete = require('material-ui/AutoComplete');\nvar _AutoComplete2 = _interopRequireDefault(_AutoComplete);\nvar _createComponent = require('./createComponent');\nvar _createComponent2 = _interopRequireDefault(_createComponent);\nvar _mapError = require('./mapError');\nvar _mapError2 = _interopRequireDefault(_mapError);\n\nfunction _interopRequireDefault(obj) {\n  return obj && obj.__esModule ? obj : {\n    default: obj\n  }\n}\n\nfunction _objectWithoutProperties(obj, keys) {\n  var target = {};\n\n  for (var i in obj) {\n    if (keys.indexOf(i) >= 0) continue;\n    if (!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n    target[i] = obj[i];\n  }\n\n  return target;\n}\n\nexports.default = (0, _createComponent2.default)(_AutoComplete2.default, function (_ref) {\n  var

```



```

implementation of `_.isNative` without bad shim checks.\n * @private\n * @param {*} value The value to
check.\n * @returns {boolean} Returns `true` if `value` is a native function,\n * else `false`.\n *\n\nfunction
baseIsNative(value) {\n  if (!isObject(value) || isMasked(value)) {\n    return false;\n  }\n  var pattern =
isFunction(value) ? reIsNative : reIsHostCtor;\n  return pattern.test(toSource(value));\n}\n\nmodule.exports =
baseIsNative;","var Symbol = require('./_Symbol');\n\n/** Used for built-in method references. */\n\nvar
objectProto = Object.prototype;\n\n/** Used to check objects for own properties. */\n\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n/**\n * Used to resolve the\n * [ `toStringTag` ](http://ecma-international.org/ecma-
262/7.0/#sec-object.prototype.toString)\n * of values.\n *\n\nvar nativeObjectToString = objectProto.toString;\n\n/**
Built-in value references. */\n\nvar symToStringTag = Symbol ? Symbol.toStringTag : undefined;\n\n/**\n * A
specialized version of `baseGetTag` which ignores `Symbol.toStringTag` values.\n *\n * @private\n * @param {*}
value The value to query.\n * @returns {string} Returns the raw `toStringTag`.\n *\n\nfunction getRawTag(value)
{\n  var isOwn = hasOwnProperty.call(value, symToStringTag),\n      tag = value[symToStringTag];\n  \n  try {\n
value[symToStringTag] = undefined;\n    var unmasked = true;\n  } catch (e) {}\n  \n  var result =
nativeObjectToString.call(value);\n  \n  if (unmasked) {\n    if (isOwn) {\n      value[symToStringTag] = tag;\n    }
else {\n      delete value[symToStringTag];\n    }\n  }\n  \n  return result;\n}\n\nmodule.exports = getRawTag;","/**
Used for built-in method references. */\n\nvar objectProto = Object.prototype;\n\n/**\n * Used to resolve the\n *
[ `toStringTag` ](http://ecma-international.org/ecma-262/7.0/#sec-object.prototype.toString)\n * of values.\n *\n\nvar
nativeObjectToString = objectProto.toString;\n\n/**\n * Converts `value` to a string using
`Object.prototype.toString`.\n *\n * @private\n * @param {*} value The value to convert.\n * @returns {string}
Returns the converted string.\n *\n\nfunction objectToString(value) {\n  return
nativeObjectToString.call(value);\n}\n\nmodule.exports = objectToString;","var coreJsData =
require('./_coreJsData');\n\n/** Used to detect methods masquerading as native. */\n\nvar maskSrcKey = function ()
{\n  var uid = /^[^.] +$/ .exec(coreJsData && coreJsData.keys && coreJsData.keys.IE_PROTO || "");\n  return uid ?
'Symbol(src)_1.' + uid : "";\n};\n\n/**\n * Checks if `func` has its source masked.\n *\n * @private\n * @param
{Function} func The function to check.\n * @returns {boolean} Returns `true` if `func` is masked, else `false`.\n
*\n\nfunction isMasked(func) {\n  return !!maskSrcKey && maskSrcKey in func;\n}\n\nmodule.exports =
isMasked;","var root = require('./_root');\n\n/** Used to detect overreaching core-js shims. */\n\nvar coreJsData =
root['_core-js_shared'];\n\nmodule.exports = coreJsData;","/**\n * Gets the value at `key` of `object`.\n *\n *
@private\n * @param {Object} [object] The object to query.\n * @param {string} key The key of the property to
get.\n * @returns {*} Returns the property value.\n *\n\nfunction getValue(object, key) {\n  return object == null ?
undefined : object[key];\n}\n\nmodule.exports = getValue;","var constant = require('./_constant'),\n  defineProperty
= require('./_defineProperty'),\n  identity = require('./_identity');\n\n/**\n * The base implementation of `setToString`
without support for hot loop shorting.\n *\n * @private\n * @param {Function} func The function to modify.\n *
@param {Function} string The `toString` result.\n * @returns {Function} Returns `func`.\n *\n\nvar
baseSetToString = !defineProperty ? identity : function (func, string) {\n  return defineProperty(func, 'toString', {\n
'configurable': true,\n  'enumerable': false,\n  'value': constant(string),\n  'writable': true\n
});\n};\n\nmodule.exports = baseSetToString;","/** Used to detect hot functions by number of calls within a span of
milliseconds. */\n\nvar HOT_COUNT = 800,\n  HOT_SPAN = 16;\n\n/** Built-in method references for those with the
same name as other `lodash` methods. */\n\nvar nativeNow = Date.now;\n\n/**\n * Creates a function that'll short out
and invoke `identity` instead\n * of `func` when it's called `HOT_COUNT` or more times in `HOT_SPAN`\n *
milliseconds.\n *\n * @private\n * @param {Function} func The function to restrict.\n * @returns {Function}
Returns the new shortable function.\n *\n\nfunction shortOut(func) {\n  var count = 0,\n      lastCalled = 0;\n  return
function () {\n    var stamp = nativeNow(),\n        remaining = HOT_SPAN - (stamp - lastCalled);\n    lastCalled =
stamp;\n    \n    if (remaining > 0) {\n      if (++count >= HOT_COUNT) {\n        return arguments[0];\n      }\n    }
else {\n      count = 0;\n    }\n    \n    return func.apply(undefined, arguments);\n  };\n}\n\nmodule.exports = shortOut;","var
baseGetTag = require('./_baseGetTag'),\n  isObjectLike = require('./_isObjectLike');\n\n/** `Object#toString` result
references. */\n\nvar argsTag = '[object Arguments]';\n\n/**\n * The base implementation of `_.isArguments`.\n *\n *
@private\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is an

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`arguments` object,\n *\n\nfunction baseIsArguments(value) {\n  return isObjectLike(value) &&
baseGetTag(value) == argsTag;\n}\n\nmodule.exports = baseIsArguments;","/*\n * This method returns `false`.\n
*\n * @static\n * @memberOf _\n * @since 4.13.0\n * @category Util\n * @returns {boolean} Returns `false`.\n
*\n * @example\n *\n * _.times(2, _.stubFalse);\n * // => [false, false]\n *\n\nfunction stubFalse() {\n  return
false;\n}\n\nmodule.exports = stubFalse;","var baseGetTag = require('./_baseGetTag'),\n  isLength =
require('./isLength'),\n  isObjectLike = require('./isObjectLike');\n\n/** `Object#toString` result references.
*\n\n\nvar argsTag = '[object Arguments]',\n  arrayTag = '[object Array]',\n  boolTag = '[object Boolean]',\n
dateTag = '[object Date]',\n  errorTag = '[object Error]',\n  funcTag = '[object Function]',\n  mapTag = '[object
Map]',\n  numberTag = '[object Number]',\n  objectTag = '[object Object]',\n  regexpTag = '[object RegExp]',\n
setTag = '[object Set]',\n  stringTag = '[object String]',\n  weakMapTag = '[object WeakMap]';\n\nvar
arrayBufferTag = '[object ArrayBuffer]',\n  dataViewTag = '[object DataView]',\n  float32Tag = '[object
Float32Array]',\n  float64Tag = '[object Float64Array]',\n  int8Tag = '[object Int8Array]',\n  int16Tag = '[object
Int16Array]',\n  int32Tag = '[object Int32Array]',\n  uint8Tag = '[object Uint8Array]',\n  uint8ClampedTag =
'[object Uint8ClampedArray]',\n  uint16Tag = '[object Uint16Array]',\n  uint32Tag = '[object Uint32Array]';\n\n/**
Used to identify `toStringTag` values of typed arrays. *\n\n\nvar typedArrayTags = {};\n\ntypedArrayTags[float32Tag]
= typedArrayTags[float64Tag] = typedArrayTags[int8Tag] = typedArrayTags[int16Tag] =
typedArrayTags[int32Tag] = typedArrayTags[uint8Tag] = typedArrayTags[uint8ClampedTag] =
typedArrayTags[uint16Tag] = typedArrayTags[uint32Tag] = true;\n\ntypedArrayTags[argsTag] =
typedArrayTags[arrayTag] = typedArrayTags[arrayBufferTag] = typedArrayTags[boolTag] =
typedArrayTags[dataViewTag] = typedArrayTags[dateTag] = typedArrayTags[errorTag] =
typedArrayTags[funcTag] = typedArrayTags[mapTag] = typedArrayTags[numberTag] =
typedArrayTags[objectTag] = typedArrayTags[regexpTag] = typedArrayTags[setTag] = typedArrayTags[stringTag]
= typedArrayTags[weakMapTag] = false;\n\n/**\n * The base implementation of `_.isArray` without Node.js
optimizations.\n *\n * @private\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if
`value` is a typed array, else `false`.\n *\n\nfunction baseIsTypedArray(value) {\n  return isObjectLike(value) &&
isLength(value.length) && !!typedArrayTags[baseGetTag(value)];\n}\n\nmodule.exports =
baseIsTypedArray;","var isPrototype = require('./_isPrototype'),\n  nativeKeys = require('./_nativeKeys');\n\n/**
Used for built-in method references. *\n\n\nvar objectProto = Object.prototype;\n\n/** Used to check objects for own
properties. *\n\n\nvar hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n * The base implementation of `_.keys`
which doesn't treat sparse arrays as dense.\n *\n * @private\n * @param {Object} object The object to query.\n *
@returns {Array} Returns the array of property names.\n *\n\nfunction baseKeys(object) {\n  if
(!isPrototype(object)) {\n    return nativeKeys(object);\n  }\n\n  var result = [];\n\n  for (var key in Object(object))
{\n    if (hasOwnProperty.call(object, key) && key != 'constructor') {\n      result.push(key);\n    }\n  }\n\n  return
result;\n}\n\nmodule.exports = baseKeys;","var overArg = require('./_overArg');\n\n/** Built-in method references for
those with the same name as other `lodash` methods. *\n\n\nvar nativeKeys = overArg(Object.keys,
Object);\n\nmodule.exports = nativeKeys;","var isObject = require('./isObject'),\n  isPrototype =
require('./_isPrototype'),\n  nativeKeysIn = require('./_nativeKeysIn');\n\n/** Used for built-in method references.
*\n\n\nvar objectProto = Object.prototype;\n\n/** Used to check objects for own properties. *\n\n\nvar
hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n * The base implementation of `_.keysIn` which doesn't treat
sparse arrays as dense.\n *\n * @private\n * @param {Object} object The object to query.\n * @returns {Array}
Returns the array of property names.\n *\n\nfunction baseKeysIn(object) {\n  if (!isObject(object)) {\n    return
nativeKeysIn(object);\n  }\n\n  var isProto = isPrototype(object),\n      result = [];\n\n  for (var key in object) {\n
if (!(key == 'constructor' && (isProto || !hasOwnProperty.call(object, key)))) {\n      result.push(key);\n    }\n  }\n\n
return result;\n}\n\nmodule.exports = baseKeysIn;","/*\n * This function is like\n * `Object.keys`
(http://ecma-international.org/ecma-262/7.0/#sec-object.keys)\n * except that it includes inherited enumerable properties.\n *\n * @private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array of property
names.\n *\n\nfunction nativeKeysIn(object) {\n  var result = [];\n\n  if (object != null) {\n    for (var key in
Object(object)) {\n      result.push(key);\n    }\n  }\n\n  return result;\n}\n\nmodule.exports = nativeKeysIn;","var

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args[0],\n    cache = memoized.cache;\n\n    if (cache.has(key)) {\n    return cache.get(key);\n    }\n\n    var result
= func.apply(this, args);\n    memoized.cache = cache.set(key, result) || cache;\n    return result;\n    };\n\nmemoized.cache = new (memoize.Cache || MapCache)();\n    return memoized;\n  } // Expose
`MapCache`\n\n\nmemoize.Cache = MapCache;\nmodule.exports = memoize;","var Hash = require('./_Hash'),\nListCache = require('./_ListCache'),\n    Map = require('./_Map');\n\n/**\n * Removes all key-value entries from the
map.\n * @private\n * @name clear\n * @memberOf MapCache\n */\nfunction mapCacheClear() {\n
this.size = 0;\n    this.__data__ = {\n    'hash': new Hash(),\n    'map': new (Map || ListCache)(),\n    'string': new
Hash()\n    };\n\n\nmodule.exports = mapCacheClear;","var hashClear = require('./_hashClear'),\n    hashDelete =
require('./_hashDelete'),\n    hashGet = require('./_hashGet'),\n    hashHas = require('./_hashHas'),\n    hashSet =
require('./_hashSet');\n\n/**\n * Creates a hash object.\n * @private\n * @constructor\n * @param {Array}
[entries] The key-value pairs to cache.\n */\nfunction Hash(entries) {\n    var index = -1,\n        length = entries ==
null ? 0 : entries.length;\n\n    this.clear();\n\n    while (++index < length) {\n    var entry = entries[index];\n\n
this.set(entry[0], entry[1]);\n    }\n\n    // Add methods to `Hash`\n    this.prototype.clear =
hashClear;\n    this.prototype['delete'] = hashDelete;\n    this.prototype.get = hashGet;\n    this.prototype.has =
hashHas;\n    this.prototype.set = hashSet;\n\n    module.exports = Hash;","var nativeCreate =
require('./_nativeCreate');\n\n/**\n * Removes all key-value entries from the hash.\n * @private\n * @name
clear\n * @memberOf Hash\n */\nfunction hashClear() {\n    this.__data__ = nativeCreate ? nativeCreate(null) :
{};\n    this.size = 0;\n\n\nmodule.exports = hashClear;","/**\n * Removes `key` and its value from the hash.\n * @private\n * @name delete\n * @memberOf Hash\n * @param {Object} hash The hash to modify.\n * @param
{string} key The key of the value to remove.\n * @returns {boolean} Returns `true` if the entry was removed, else
`false`.\n */\nfunction hashDelete(key) {\n    var result = this.has(key) && delete this.__data__[key];\n    this.size -=
result ? 1 : 0;\n    return result;\n\n\nmodule.exports = hashDelete;","var nativeCreate =
require('./_nativeCreate');\n\n/**\n * Used to stand-in for `undefined` hash values. *\n */\nvar HASH_UNDEFINED =
'__lodash_hash_undefined__';\n\n/**\n * Used for built-in method references. *\n */\nvar objectProto =
Object.prototype;\n\n/**\n * Used to check objects for own properties. *\n */\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n/**\n * Gets the hash value for `key`.\n * @private\n * @name get\n *
@memberOf Hash\n * @param {string} key The key of the value to get.\n * @returns {*} Returns the entry
value.\n */\nfunction hashGet(key) {\n    var data = this.__data__;\n\n    if (nativeCreate) {\n    var result =
data[key];\n\n    return result === HASH_UNDEFINED ? undefined : result;\n    }\n\n    return
hasOwnProperty.call(data, key) ? data[key] : undefined;\n\n\nmodule.exports = hashGet;","var nativeCreate =
require('./_nativeCreate');\n\n/**\n * Used for built-in method references. *\n */\nvar objectProto = Object.prototype;\n\n
Used to check objects for own properties. *\n */\nvar hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n *
Checks if a hash value for `key` exists.\n * @private\n * @name has\n * @memberOf Hash\n * @param
{string} key The key of the entry to check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else
`false`.\n */\nfunction hashHas(key) {\n    var data = this.__data__;\n    return nativeCreate ? data[key] !==
undefined : hasOwnProperty.call(data, key);\n\n\nmodule.exports = hashHas;","var nativeCreate =
require('./_nativeCreate');\n\n/**\n * Used to stand-in for `undefined` hash values. *\n */\nvar HASH_UNDEFINED =
'__lodash_hash_undefined__';\n\n/**\n * Sets the hash `key` to `value`.\n * @private\n * @name set\n *
@memberOf Hash\n * @param {string} key The key of the value to set.\n * @param {*} value The value to set.\n *
@returns {Object} Returns the hash instance.\n */\nfunction hashSet(key, value) {\n    var data = this.__data__;\n
this.size += this.has(key) ? 0 : 1;\n    data[key] = nativeCreate && value === undefined ? HASH_UNDEFINED :
value;\n    return this;\n\n\nmodule.exports = hashSet;","/**\n * Removes all key-value entries from the list cache.\n
*\n * @private\n * @name clear\n * @memberOf ListCache\n */\nfunction listCacheClear() {\n    this.__data__ =
[];\n    this.size = 0;\n\n\nmodule.exports = listCacheClear;","var assocIndexOf = require('./_assocIndexOf');\n\n
Used for built-in method references. *\n */\nvar arrayProto = Array.prototype;\n\n/**\n * Built-in value references.
*\n */\nvar splice = arrayProto.splice;\n\n/**\n * Removes `key` and its value from the list cache.\n * @private\n *
@name delete\n * @memberOf ListCache\n * @param {string} key The key of the value to remove.\n * @returns
{boolean} Returns `true` if the entry was removed, else `false`.\n */\nfunction listCacheDelete(key) {\n    var data =

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this.__data__,\n    index = assocIndexOf(data, key);\n\n if (index < 0) {\n  return false;\n }\n\n var lastIndex =
data.length - 1;\n\n if (index == lastIndex) {\n  data.pop();\n } else {\n  splice.call(data, index, 1);\n }\n\n --
this.size;\n\n return true;\n }\n\nmodule.exports = listCacheDelete;","var assocIndexOf =
require('./_assocIndexOf');\n/**\n * Gets the list cache value for `key`.\n *\n * @private\n * @name get\n *
@memberOf ListCache\n * @param {string} key The key of the value to get.\n * @returns {*} Returns the entry
value.\n *\n\nfunction listCacheGet(key) {\n  var data = this.__data__,\n      index = assocIndexOf(data, key);\n\n return index < 0 ? undefined : data[index][1];\n }\n\nmodule.exports = listCacheGet;","var assocIndexOf =
require('./_assocIndexOf');\n/**\n * Checks if a list cache value for `key` exists.\n *\n * @private\n * @name has\n *
@memberOf ListCache\n * @param {string} key The key of the entry to check.\n * @returns {boolean} Returns
`true` if an entry for `key` exists, else `false`.\n *\n\nfunction listCacheHas(key) {\n  return
assocIndexOf(this.__data__, key) > -1;\n }\n\nmodule.exports = listCacheHas;","var assocIndexOf =
require('./_assocIndexOf');\n/**\n * Sets the list cache `key` to `value`.\n *\n * @private\n * @name set\n *
@memberOf ListCache\n * @param {string} key The key of the value to set.\n * @param {*} value The value to
set.\n * @returns {Object} Returns the list cache instance.\n *\n\nfunction listCacheSet(key, value) {\n  var data
= this.__data__,\n      index = assocIndexOf(data, key);\n\n if (index < 0) {\n  ++this.size;\n  data.push([key,
value]);\n } else {\n  data[index][1] = value;\n }\n\n return this;\n }\n\nmodule.exports = listCacheSet;","var
getMapData = require('./_getMapData');\n/**\n * Removes `key` and its value from the map.\n *\n * @private\n *
@name delete\n * @memberOf MapCache\n * @param {string} key The key of the value to remove.\n * @returns
{boolean} Returns `true` if the entry was removed, else `false`.\n *\n\nfunction mapCacheDelete(key) {\n  var
result = getMapData(this, key)['delete'](key);\n  this.size -= result ? 1 : 0;\n  return result;\n }\n\nmodule.exports =
mapCacheDelete;","/**\n * Checks if `value` is suitable for use as unique object key.\n *\n * @private\n * @param
{*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is suitable, else `false`.\n *\n\nfunction isKeyable(value) {\n  var type = typeof value;\n  return type == 'string' || type == 'number' || type ==
'symbol' || type == 'boolean' ? value !== '__proto__' : value === null;\n }\n\nmodule.exports = isKeyable;","var
getMapData = require('./_getMapData');\n/**\n * Gets the map value for `key`.\n *\n * @private\n * @name get\n *
@memberOf MapCache\n * @param {string} key The key of the value to get.\n * @returns {*} Returns the entry
value.\n *\n\nfunction mapCacheGet(key) {\n  return getMapData(this, key).get(key);\n }\n\nmodule.exports =
mapCacheGet;","var getMapData = require('./_getMapData');\n/**\n * Checks if a map value for `key` exists.\n *\n *
@private\n * @name has\n * @memberOf MapCache\n * @param {string} key The key of the entry to check.\n *
@returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n *\n\nfunction mapCacheHas(key) {\n
return getMapData(this, key).has(key);\n }\n\nmodule.exports = mapCacheHas;","var getMapData =
require('./_getMapData');\n/**\n * Sets the map `key` to `value`.\n *\n * @private\n * @name set\n *
@memberOf
MapCache\n * @param {string} key The key of the value to set.\n * @param {*} value The value to set.\n *
@returns {Object} Returns the map cache instance.\n *\n\nfunction mapCacheSet(key, value) {\n  var data =
getMapData(this, key),\n      size = data.size;\n  data.set(key, value);\n  this.size += data.size == size ? 0 : 1;\n
return this;\n }\n\nmodule.exports = mapCacheSet;","var baseToString = require('./_baseToString');\n/**\n * Converts
`value` to a string. An empty string is returned for `null` and `undefined` values. The sign of `-0` is preserved.\n
*\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to
convert.\n * @returns {string} Returns the converted string.\n *\n * @example\n * _._toString(null); // => ""\n *
_._toString(-0); // => '-0'\n * _._toString([1, 2, 3]); // => '1,2,3'\n *\n\nfunction toString(value) {\n
return value == null ? "" : baseToString(value);\n }\n\nmodule.exports = toString;","var Symbol =
require('./_Symbol'),\n    arrayMap = require('./_arrayMap'),\n    isArray = require('./isArray'),\n    isSymbol =
require('./isSymbol');\n/**\n * Used as references for various `Number` constants. *\n\nvar INFINITY = 1 / 0;\n/**\n * Used to convert symbols to primitives and strings. *\n\nvar symbolProto = Symbol ? Symbol.prototype :
undefined,\n    symbolToString = symbolProto ? symbolProto.toString : undefined;\n/**\n * The base
implementation of `_.toString` which doesn't convert nullish values to empty strings.\n *\n * @private\n *
@param {*} value The value to process.\n * @returns {string} Returns the string.\n *\n\nfunction
baseToString(value) {\n  // Exit early for strings to avoid a performance hit in some environments.\n  if (typeof

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value == 'string') {\n  return value;\n }\n\n if (isArray(value)) {\n  // Recursively convert values (susceptible to
call stack limits).\n  return arrayMap(value, baseToString) + ";\n }\n\n if (isSymbol(value)) {\n  return
symbolToString ? symbolToString.call(value) : ";\n }\n\n var result = value + ";\n return result == '0' && 1 / value
== -INFINITY ? '-0' : result;\n }\n\nmodule.exports = baseToString;"", "var Symbol = require('./_Symbol'),\n
isArguments = require('./isArguments'),\n  isArray = require('./isArray');\n\n/** Built-in value references. *\n\n\nvar
spreadableSymbol = Symbol ? Symbol.isConcatSpreadable : undefined;\n\n/**\n * Checks if `value` is a flattenable
`arguments` object or array.\n * @private\n * @param {*} value The value to check.\n * @returns {boolean}
Returns `true` if `value` is flattenable, else `false`.\n *\n\nfunction isFlattenable(value) {\n  return isArray(value) ||
isArguments(value) || !(spreadableSymbol && value && value[spreadableSymbol]);\n }\n\n\nmodule.exports =
isFlattenable;"", "var baseAssign = require('./_baseAssign'),\n  baseCreate = require('./_baseCreate');\n\n/**\n *
Creates an object that inherits from the `prototype` object. If a\n * `properties` object is given, its own enumerable
string keyed properties\n * are assigned to the created object.\n * @static\n * @memberOf _\n * @since 2.3.0\n
* @category Object\n * @param {Object} prototype The object to inherit from.\n * @param {Object} [properties]
The properties to assign to the object.\n * @returns {Object} Returns the new object.\n * @example\n *\n * function
Shape() {\n *   this.x = 0;\n *   this.y = 0;\n * }\n *\n * function Circle() {\n *   Shape.call(this);\n * }\n *\n *
Circle.prototype = _create(Shape.prototype, {\n *   'constructor': Circle\n * });\n *\n * var circle = new Circle;\n *
circle instanceof Circle;\n * // => true\n *\n * circle instanceof Shape;\n * // => true\n *\n\nfunction
create(prototype, properties) {\n  var result = baseCreate(prototype);\n  return properties == null ? result :
baseAssign(result, properties);\n }\n\n\nmodule.exports = create;"", "var baseRest = require('./_baseRest'),\n  eq =
require('./eq'),\n  isIterateeCall = require('./_isIterateeCall'),\n  keysIn = require('./keysIn');\n\n/** Used for built-in
method references. *\n\n\nvar objectProto = Object.prototype;\n\n/** Used to check objects for own properties.
*\n\n\nvar hasOwnProperty = objectProto.hasOwnProperty;\n\n/**\n * Assigns own and inherited enumerable string
keyed properties of source\n * objects to the destination object for all destination properties that\n * resolve to
`undefined`. Source objects are applied from left to right.\n * Once a property is set, additional values of the same
property are ignored.\n * @static\n * @since 0.1.0\n *
@memberOf _\n * @category Object\n * @param {Object} object The destination object.\n * @param {...Object}
[sources] The source objects.\n * @returns {Object} Returns `object`.\n * @see _defaultsDeep\n * @example\n *\n *
_defaults({ 'a': 1 }, { 'b': 2 }, { 'a': 3 });\n * // => { 'a': 1, 'b': 2 }\n *\n\nvar defaults = baseRest(function (object,
sources) {\n  object = Object(object);\n  var index = -1;\n  var length = sources.length;\n  var guard = length > 2 ?
sources[2] : undefined;\n\n  if (guard && isIterateeCall(sources[0], sources[1], guard)) {\n    length = 1;\n  }\n\n
while (++index < length) {\n    var source = sources[index];\n    var props = keysIn(source);\n    var propsIndex = -
1;\n    var propsLength = props.length;\n\n    while (++propsIndex < propsLength) {\n      var key =
props[propsIndex];\n      var value = object[key];\n\n      if (value === undefined || eq(value, objectProto[key]) &&
!hasOwnProperty.call(object, key)) {\n        object[key] = source[key];\n      }\n    }\n  }\n\n  return
object;\n });\n\n\nmodule.exports = defaults;"", "var apply = require('./_apply'),\n  baseRest = require('./_baseRest'),\n
customDefaultsMerge = require('./_customDefaultsMerge'),\n  mergeWith = require('./mergeWith');\n\n/**\n * This
method is like `_.defaults` except that it recursively assigns\n * default properties.\n * @static\n * @since 3.10.0\n *
@category Object\n * @param {Object} object The destination object.\n * @param {...Object} [sources] The source
objects.\n * @returns {Object} Returns `object`.\n * @see _defaults\n * @example\n *\n * _defaultsDeep({ 'a': {
'b': 2 } }, { 'a': { 'b': 1, 'c': 3 } });\n * // =>
{ 'a': { 'b': 2, 'c': 3 } }\n *\n\nvar defaultsDeep = baseRest(function (args) {\n  args.push(undefined,
customDefaultsMerge);\n  return apply(mergeWith, undefined, args);\n });\n\n\nmodule.exports = defaultsDeep;"", "var
baseMerge = require('./_baseMerge'),\n  isObject = require('./isObject');\n\n/**\n * Used by `_.defaultsDeep` to
customize its `_.merge` use to merge source\n * objects into destination objects that are passed thru.\n * @private\n *
@param {*} objValue The destination value.\n * @param {*} srcValue The source value.\n * @param {string} key The key
of the property to merge.\n * @param {Object} object The parent object of
`objValue`.\n * @param {Object} source The parent object of `srcValue`.\n * @param {Object} [stack] Tracks
traversed source values and their merged\n * counterparts.\n * @returns {*} Returns the value to assign.\n

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*/\n\nfunction customDefaultsMerge(objValue, srcValue, key, object, source, stack) {\n if (isObject(objValue)
&& isObject(srcValue)) {\n // Recursively merge objects and arrays (susceptible to call stack limits).\n
stack.set(srcValue, objValue);\n baseMerge(objValue, srcValue, undefined, customDefaultsMerge, stack);\n
stack['delete'](srcValue);\n }\n\n return objValue;\n}\n\nmodule.exports = customDefaultsMerge;","var ListCache
= require('./_ListCache');\n/**\n * Removes all key-value entries from the stack.\n *\n * @private\n * @name
clear\n * @memberOf Stack\n */\n\nfunction stackClear() {\n this.__data__ = new ListCache();\n this.size =
0;\n}\n\nmodule.exports = stackClear;","/**\n * Removes `key` and its value from the stack.\n *\n * @private\n *
@name delete\n * @memberOf Stack\n * @param {string} key The key of the value to remove.\n * @returns
{boolean} Returns `true` if the entry was removed, else `false`.\n */\n\nfunction stackDelete(key) {\n var data =
this.__data__;\n result = data['delete'](key);\n this.size = data.size;\n return result;\n}\n\nmodule.exports =
stackDelete;","/**\n * Gets the stack value for `key`.\n *\n * @private\n * @name get\n * @memberOf Stack\n *
@param {string} key The key of the value to get.\n * @returns {*} Returns the entry value.\n */\n\nfunction
stackGet(key) {\n return this.__data__.get(key);\n}\n\nmodule.exports = stackGet;","/**\n * Checks if a stack value
for `key` exists.\n *\n * @private\n * @name has\n * @memberOf Stack\n * @param {string} key The key of the
entry to check.\n * @returns {boolean} Returns `true` if an entry for `key` exists, else `false`.\n */\n\nfunction
stackHas(key) {\n return this.__data__.has(key);\n}\n\nmodule.exports = stackHas;","var ListCache =
require('./_ListCache'),\n Map = require('./_Map'),\n MapCache = require('./_MapCache');\n/** Used as the size
to enable large array optimizations. */\n\nvar LARGE_ARRAY_SIZE = 200;\n/**\n * Sets the stack `key` to
`value`.\n *\n * @private\n * @name set\n * @memberOf Stack\n * @param {string} key The key of the value to
set.\n * @param {*} value The value to set.\n * @returns {Object} Returns the stack cache instance.\n */\n\nfunction
stackSet(key, value) {\n var data = this.__data__;\n\n if (data instanceof ListCache) {\n var pairs =
data.__data__;\n\n if (!Map || pairs.length < LARGE_ARRAY_SIZE - 1) {\n pairs.push([key, value]);\n
this.size = ++data.size;\n return this;\n }\n\n data = this.__data__ = new MapCache(pairs);\n }\n\n
data.set(key, value);\n this.size = data.size;\n return this;\n}\n\nmodule.exports = stackSet;","var
assignMergeValue = require('./_assignMergeValue'),\n cloneBuffer = require('./_cloneBuffer'),\n
cloneTypedArray = require('./_cloneTypedArray'),\n copyArray = require('./_copyArray'),\n initCloneObject =
require('./_initCloneObject'),\n isArguments = require('./isArguments'),\n isArray = require('./isArray'),\n
isArrayLikeObject = require('./isArrayLikeObject'),\n isBuffer = require('./isBuffer'),\n isFunction =
require('./isFunction'),\n isObject = require('./isObject'),\n isPlainObject = require('./isPlainObject'),\n
isTypedArray = require('./isTypedArray'),\n safeGet = require('./_safeGet'),\n toPlainObject =
require('./toPlainObject');\n/**\n * A specialized version of `baseMerge` for arrays and objects which performs\n
* deep merges and tracks traversed objects enabling objects with circular\n * references to be merged.\n *\n *
@private\n * @param {Object} object The destination object.\n * @param {Object} source The source object.\n *
@param {string} key The key of the value to merge.\n * @param {number} srcIndex The index of `source`.\n *
@param {Function} mergeFunc The function to merge values.\n * @param {Function} [customizer] The function
to customize assigned values.\n * @param {Object} [stack] Tracks traversed source values and their merged\n
* counterparts.\n */\n\nfunction baseMergeDeep(object, source, key, srcIndex, mergeFunc, customizer, stack) {\n
var objValue = safeGet(object, key),\n srcValue = safeGet(source, key),\n stacked = stack.get(srcValue);\n\n
if (stacked) {\n assignMergeValue(object, key, stacked);\n return;\n }\n\n var newValue = customizer ?
customizer(objValue, srcValue, key + "", object, source, stack) : undefined;\n var isCommon = newValue ===
undefined;\n\n if (isCommon) {\n var isArr = isArray(srcValue),\n isBuff = !isArr && isBuffer(srcValue),\n
isTyped = !isArr && !isBuff && isTypedArray(srcValue);\n\n newValue = srcValue;\n\n if (isArr || isBuff ||
isTyped) {\n if (isArray(objValue)) {\n newValue = objValue;\n } else if (isArrayLikeObject(objValue))
{\n newValue = copyArray(objValue);\n } else if (isBuff) {\n isCommon = false;\n newValue =
cloneBuffer(srcValue, true);\n } else if (isTyped) {\n isCommon = false;\n newValue =
cloneTypedArray(srcValue, true);\n } else {\n newValue = [];\n }\n } else if (isPlainObject(srcValue) ||
isArguments(srcValue)) {\n newValue = objValue;\n\n if (isArguments(objValue)) {\n newValue =
toPlainObject(objValue);\n } else if (!isObject(objValue) || isFunction(objValue)) {\n newValue =

```

```

initCloneObject(srcValue);\n    }\n  } else {\n    isCommon = false;\n  }\n }\n\n if (isCommon) {\n  //
Recursively merge objects and arrays (susceptible to call stack limits).\n  stack.set(srcValue, newValue);\n
mergeFunc(newValue, srcValue, srcIndex, customizer, stack);\n  stack['delete'](srcValue);\n }\n\n
assignMergeValue(object, key, newValue);\n }\n\nmodule.exports = baseMergeDeep;","var copyObject =
require('./_copyObject'),\n  keysIn = require('./keysIn');\n/**\n * Converts `value` to a plain object flattening
inherited enumerable string\n * keyed properties of `value` to own properties of the plain object.\n *\n * @static\n *
@memberOf _\n * @since 3.0.0\n * @category Lang\n * @param {*} value The value to convert.\n * @returns
{Object} Returns the converted plain object.\n *\n * @example\n *\n * function Foo() {\n *   this.b = 2;\n * }\n *\n *
Foo.prototype.c = 3;\n *\n * _assign({ 'a': 1 }, new Foo);\n * // => { 'a': 1, 'b': 2 }\n *\n * _assign({ 'a': 1 },
_toPlainObject(new Foo));\n * // => { 'a': 1, 'b': 2, 'c': 3 }\n */\n\nfunction toPlainObject(value) {\n  return
copyObject(value, keysIn(value));\n }\n\nmodule.exports = toPlainObject;","module.exports =
require('./toPairs');","var arrayMap = require('./_arrayMap');\n/**\n * The base implementation of `_toPairs` and
`_toPairsIn` which creates an array\n * of key-value pairs for `object` corresponding to the property names of
`props`.\n *\n * @private\n * @param {Object} object The object to query.\n * @param {Array} props The
property names to get values for.\n * @returns {Object} Returns the key-value pairs.\n *\n * @example\n *\n *
function baseToPairs(object, props) {\n  return arrayMap(props, function (key) {\n    return [key, object[key]];\n
});\n }\n\nmodule.exports = baseToPairs;","var getNative = require('./_getNative'),\n  root = require('./_root');\n/**
Built-in method references that are verified to be native. */\n\nvar DataView = getNative(root,
'DataView');\nmodule.exports = DataView;","var getNative = require('./_getNative'),\n  root = require('./_root');\n/**
Built-in method references that are verified to be native. */\n\nvar Promise = getNative(root,
'Promise');\nmodule.exports = Promise;","var getNative = require('./_getNative'),\n  root = require('./_root');\n/**
Built-in method references that are verified to be native. */\n\nvar WeakMap = getNative(root,
'WeakMap');\nmodule.exports = WeakMap;","/**\n * Converts `set` to its value-value pairs.\n *\n * @private\n *
@param {Object} set The set to convert.\n * @returns {Array} Returns the value-value pairs.\n *\n * @example\n *\n *
setToPairs(new Set('a', 'b', 'c'))\n * // => [[ 'a', 'a' ], [ 'b', 'b' ], [ 'c', 'c' ]]\n */\n\nfunction
setToPairs(set) {\n  var index = -1,\n      result = Array(set.size);\n  set.forEach(function (value) {\n
result[++index] = [value, value];\n });\n  return result;\n }\n\nmodule.exports = setToPairs;","module.exports =
require('./toPairsIn');","module.exports = require('./assignIn');","module.exports = require('./assignInWith');","var
baseFindKey = require('./_baseFindKey'),\n  baseForOwn = require('./_baseForOwn'),\n  baseIteratee =
require('./_baseIteratee');\n/**\n * This method is like `_.find` except that it returns the key of the first\n *
element `predicate` returns truthy for instead of the element itself.\n *\n * @static\n * @memberOf _\n * @since 1.1.0\n *
@category Object\n * @param {Object} object The object to inspect.\n * @param {Function}
[predicate=_identity] The function invoked per iteration.\n * @returns {string|undefined} Returns the key of the
matched element,\n * else `undefined`.\n *\n * @example\n *\n * var users = {\n *   'barney': { 'age': 36, 'active': true
},\n *   'fred': { 'age': 40, 'active': false },\n *   'pebbles': { 'age': 1, 'active': true }\n * };\n *\n * _findKey(users,
function(o) { return o.age < 40; });\n * // => 'barney' (iteration order is not guaranteed)\n *\n * // The `_.matches`
iteratee shorthand.\n * _findKey(users, { 'age': 1, 'active': true });\n * // => 'pebbles'\n *\n * // The
`_.matchesProperty` iteratee shorthand.\n * _findKey(users, ['active', false]);\n * // => 'fred'\n *\n * // The
`_.property` iteratee shorthand.\n * _findKey(users, 'active');\n * // => 'barney'\n */\n\nfunction findKey(object,
predicate) {\n  return baseFindKey(object, baseIteratee(predicate, 3), baseForOwn);\n }\n\nmodule.exports =
findKey;","var baseIsMatch = require('./_baseIsMatch'),\n  getMatchData = require('./_getMatchData'),\n  matchesStrictComparable = require('./_matchesStrictComparable');\n/**\n * The base implementation of
`_.matches` which doesn't clone `source`.\n *\n * @private\n * @param {Object} source The object of property
values to match.\n * @returns {Function} Returns the new spec function.\n *\n * @example\n *\n * function baseMatches(source) {\n
var matchData = getMatchData(source);\n  if (matchData.length == 1 && matchData[0][2]) {\n    return
matchesStrictComparable(matchData[0][0], matchData[0][1]);\n  }\n  return function (object) {\n    return object
=== source || baseIsMatch(object, source, matchData);\n  };\n }\n\nmodule.exports = baseMatches;","var Stack =
require('./_Stack'),\n  baseIsEqual = require('./_baseIsEqual');\n/**\n * Used to compose bitmasks for value
comparisons. */\n\nvar COMPARE_PARTIAL_FLAG = 1,\n  COMPARE_UNORDERED_FLAG = 2;\n/**\n *

```

The base implementation of `_.isMatch`` without support for iteratee shorthands.

`_.isMatch`` `object` The object to inspect.
`_.isMatch`` `source` The object of property values to match.
`_.isMatch`` `matchData` The property names, values, and compare flags to match.
`_.isMatch`` `customizer` The function to customize comparisons.
`_.isMatch`` `returns` Returns `true`` if `object`` is a match, else `false``.

```

function baseIsMatch(object, source, matchData, customizer) {
  var index = matchData.length,
      length = object.length,
      noCustomizer = !customizer;

  if (object == null) {
    return !length;
  }
  object = Object(object);

  while (index--) {
    var data = matchData[index];

    if (noCustomizer && data[2] ? data[1] !== object[data[0]] : !(data[0] in object)) {
      return false;
    }
  }

  while (++index < length) {
    var key = data[0],
        objValue = object[key],
        srcValue = data[1];

    if (noCustomizer && data[2]) {
      if (objValue === undefined && !(key in object)) {
        return false;
      }
    } else {
      var stack = new Stack();

      if (customizer) {
        var result = customizer(objValue, srcValue, key, object, source, stack);

        if (!(result === undefined ? baseIsEqual(srcValue, objValue, COMPARE_PARTIAL_FLAG | COMPARE_UNORDERED_FLAG, customizer, stack) : result)) {
          return false;
        }
      } else {
        if (objValue === srcValue) {
          return true;
        }
      }
    }
  }

  return true;
}

module.exports = baseIsMatch;

var Stack = require('./_Stack'),
    equalArrays = require('./_equalArrays'),
    equalByTag = require('./_equalByTag'),
    equalObjects = require('./_equalObjects'),
    getTag = require('./_getTag'),
    isArray = require('./isArray'),
    isBuffer = require('./isBuffer'),
    isTypedArray = require('./isTypedArray');

/** Used to compose bitmasks for value comparisons. */
var COMPARE_PARTIAL_FLAG = 1;

/** Object#toString result references. */
var argsTag = '[object Arguments]',
    arrayTag = '[object Array]',
    objectTag = '[object Object]';

/** Used for built-in method references. */
var objectProto = Object.prototype;

/** Used to check objects for own properties. */
var hasOwnProperty = objectProto.hasOwnProperty;

/** A specialized version of `baseIsEqual` for arrays and objects which performs deep comparisons and tracks traversed objects enabling objects with circular references to be compared. */
_.isMatch = function(object, other, bitmask, customizer, equalFunc, stack) {
  var objIsArr = isArray(object),
      othIsArr = isArray(other),
      objTag = objIsArr ? arrayTag : getTag(object),
      othTag = othIsArr ? arrayTag : getTag(other);

  objTag = objTag == argsTag ? objectTag : objTag;
  othTag = othTag == argsTag ? objectTag : othTag;

  var objIsObj = objTag == objectTag,
      othIsObj = othTag == objectTag,
      isSameTag = objTag == othTag;

  if (isSameTag && isBuffer(object)) {
    if (!isBuffer(other)) {
      return false;
    }
    objIsArr = true;
    objIsObj = false;
  }
  if (isSameTag && !objIsObj) {
    stack || (stack = new Stack());
    return objIsArr || isTypedArray(object) ? equalArrays(object, other, bitmask, customizer, equalFunc, stack) : equalByTag(object, other, objTag, bitmask, customizer, equalFunc, stack);
  }
  if (!(bitmask & COMPARE_PARTIAL_FLAG)) {
    var objIsWrapped = objIsObj && hasOwnProperty.call(object, '__wrapped__'),
        othIsWrapped = othIsObj && hasOwnProperty.call(other, '__wrapped__');

    if (objIsWrapped || othIsWrapped) {
      var objUnwrapped = objIsWrapped ? object.value() : object,
          othUnwrapped = othIsWrapped ? other.value() : other;

      stack || (stack = new Stack());
      return equalFunc(objUnwrapped, othUnwrapped, bitmask, customizer, stack);
    }
  }
  if (!isSameTag) {
    return false;
  }
  stack || (stack = new Stack());
  return equalObjects(object, other, bitmask, customizer, equalFunc, stack);
};

module.exports = baseIsEqualDeep;

/** Used to stand-in for `undefined` hash values. */
var HASH_UNDEFINED = '__lodash_hash_undefined__';

/** Adds `value` to the array cache. */
_.add = function(value) {
  return this.__data__.set(value, HASH_UNDEFINED);
};

/** Checks if `value` is in the array cache. */
_.has = function(value) {
  return this.__data__.has(value);
};

/** Returns `true` if `value` is found, else `false`. */
_.setCacheHas = function(value) {

```

```

return this.__data__.has(value);\n}\n\nmodule.exports = setCacheHas;"/**\n * A specialized version of `_.some`
for arrays without support for iteratee\n * shorthands.\n * @private\n * @param {Array} [array] The array to
iterate over.\n * @param {Function} predicate The function invoked per iteration.\n * @returns {boolean} Returns
`true` if any element passes the predicate check,\n * else `false`.\n */\nfunction arraySome(array, predicate) {\n var
index = -1,\n length = array == null ? 0 : array.length;\n\n while (++index < length) {\n if
(predicate(array[index], index, array)) {\n return true;\n }\n }\n\n return false;\n}\n\nmodule.exports =
arraySome;","var Symbol = require('./_Symbol'),\n Uint8Array = require('./_Uint8Array'),\n eq =
require('./_eq'),\n equalArrays = require('./_equalArrays'),\n mapToArray = require('./_mapToArray'),\n
setToArray = require('./_setToArray');\n/** Used to compose bitmasks for value comparisons. *\n\nvar
COMPARE_PARTIAL_FLAG = 1,\n COMPARE_UNORDERED_FLAG = 2;\n/** `Object#toString` result
references. *\n\nvar boolTag = '[object Boolean]',\n dateTag = '[object Date]',\n errorTag = '[object Error]',\n
mapTag = '[object Map]',\n numberTag = '[object Number]',\n regexpTag = '[object RegExp]',\n setTag =
'[object Set]',\n stringTag = '[object String]',\n symbolTag = '[object Symbol]';\nvar arrayBufferTag = '[object
ArrayBuffer]',\n dataViewTag = '[object DataView]';\n/** Used to convert symbols to primitives and strings.
*\n\nvar symbolProto = Symbol ? Symbol.prototype : undefined,\n symbolValueOf = symbolProto ?
symbolProto.valueOf : undefined;\n/**\n * A specialized version of `baseIsEqualDeep` for comparing objects of\n *
the same `toStringTag`.\n * @private\n * **Note:** This function only supports comparing values with tags of\n * `Boolean`,
`Date`, `Error`, `Number`, `RegExp`, or `String`.\n * @private\n * @param {Object} object The object to
compare.\n * @param {Object} other The other object to compare.\n * @param {string} tag The `toStringTag` of
the objects to compare.\n * @param {number} bitmask The bitmask flags. See `baseIsEqual` for more details.\n *
@param {Function} customizer The function to customize comparisons.\n * @param {Function} equalFunc The
function to determine equivalents of values.\n * @param {Object} stack Tracks traversed `object` and `other`
objects.\n * @returns {boolean} Returns `true` if the objects are equivalent, else `false`.\n */\nfunction
equalByTag(object, other, tag, bitmask, customizer, equalFunc, stack) {\n switch (tag) {\n case dataViewTag:\n
if (object.byteLength != other.byteLength || object.byteOffset != other.byteOffset) {\n return false;\n }\n\n
object = object.buffer;\n other = other.buffer;\n\n case arrayBufferTag:\n if (object.byteLength !=
other.byteLength || !equalFunc(new Uint8Array(object), new Uint8Array(other))) {\n return false;\n }\n\n
return true;\n\n case boolTag:\n case dateTag:\n case numberTag:\n // Coerce booleans to `1` or `0` and
dates to milliseconds.\n // Invalid dates are coerced to `NaN`.\n return eq(+object, +other);\n\n case
errorTag:\n return object.name == other.name && object.message == other.message;\n\n case regexpTag:\n
case stringTag:\n // Coerce regexes to strings and treat strings, primitives and objects,\n // as equal. See
http://www.ecma-international.org/ecma-262/7.0/#sec-regexp.prototype.toString\n // for more details.\n return
object == other + "";\n\n case mapTag:\n var convert = mapToArray;\n\n case setTag:\n var isPartial =
bitmask & COMPARE_PARTIAL_FLAG;\n convert || (convert = setToArray);\n\n if (object.size !=
other.size && !isPartial) {\n return false;\n } // Assume cyclic values are equal.\n\n var stacked =
stack.get(object);\n\n if (stacked) {\n return stacked == other;\n }\n\n bitmask |=
COMPARE_UNORDERED_FLAG; // Recursively compare objects (susceptible to call stack limits).\n\n
stack.set(object, other);\n var result = equalArrays(convert(object), convert(other), bitmask, customizer,
equalFunc, stack);\n stack['delete'](object);\n return result;\n\n case symbolTag:\n if (symbolValueOf) {\n
return symbolValueOf.call(object) == symbolValueOf.call(other);\n }\n\n }\n\n return
false;\n}\n\nmodule.exports = equalByTag;","var getAllKeys = require('./_getAllKeys');\n/** Used to compose
bitmasks for value comparisons. *\n\nvar COMPARE_PARTIAL_FLAG = 1;\n/** Used for built-in method
references. *\n\nvar objectProto = Object.prototype;\n/** Used to check objects for own properties. *\n\nvar
hasOwnProperty = objectProto.hasOwnProperty;\n/**\n * A specialized version of `baseIsEqualDeep` for objects
with support for\n * partial deep comparisons.\n * @private\n * @param {Object} object The object to
compare.\n * @param {Object} other The other object to compare.\n * @param {number} bitmask The bitmask
flags. See `baseIsEqual` for more details.\n * @param {Function} customizer The function to customize
comparisons.\n * @param {Function} equalFunc The function to determine equivalents of values.\n * @param

```

```

{Object} stack Tracks traversed `object` and `other` objects.\n * @returns {boolean} Returns `true` if the objects are
equivalent, else `false`.\n */\nfunction equalObjects(object, other, bitmask, customizer, equalFunc, stack) {\n  var
isPartial = bitmask & COMPARE_PARTIAL_FLAG,\n  objProps = getAllKeys(object),\n  objLength =
objProps.length,\n  othProps = getAllKeys(other),\n  othLength = othProps.length;\n\n  if (objLength !==
othLength && !isPartial) {\n    return false;\n  }\n\n  var index = objLength;\n\n  while (index-- > 0) {\n    var key =
objProps[index];\n\n    if (!(isPartial ? key in other : hasOwnProperty.call(other, key))) {\n      return false;\n    }\n  }\n\n  // Assume cyclic values are equal.\n\n  var stacked = stack.get(object);\n\n  if (stacked && stack.get(other)) {\n    return stacked === other;\n  }\n\n  var result = true;\n  stack.set(object, other);\n  stack.set(other, object);\n\n  var skipCtor = isPartial;\n\n  while (++index < objLength) {\n    var key = objProps[index];\n    var objValue =
object[key],\n        othValue = other[key];\n\n    if (customizer) {\n      var compared = isPartial ?
customizer(othValue, objValue, key, other, object, stack) : customizer(objValue, othValue, key, object, other,
stack);\n    } // Recursively compare objects (susceptible to call stack limits).\n\n    if (!(compared === undefined ?
objValue === othValue || equalFunc(objValue, othValue, bitmask, customizer, stack) : compared)) {\n      result =
false;\n      break;\n    }\n\n    skipCtor || (skipCtor = key === 'constructor');\n  }\n\n  if (result && !skipCtor) {\n    var
objCtor = object.constructor,\n        othCtor = other.constructor; // Non `Object` object instances with different
constructors are not equal.\n\n    if (objCtor !== othCtor && 'constructor' in object && 'constructor' in other &&
!(typeof objCtor === 'function' && objCtor instanceof objCtor && typeof othCtor === 'function' && othCtor
instanceof othCtor)) {\n      result = false;\n    }\n  }\n\n  stack['delete'](object);\n  stack['delete'](other);\n  return
result;\n}\n\nmodule.exports = equalObjects;","var isStrictComparable = require('./_isStrictComparable'),\n  keys =
require('./keys');\n\n/**\n * Gets the property names, values, and compare flags of `object`.\n *\n * @private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the match data of `object`.\n *\n */\nfunction getMatchData(object) {\n  var result = keys(object),\n      length = result.length;\n\n  while (length--
) {\n    var key = result[length],\n        value = object[key];\n\n    result[length] = [key, value,
isStrictComparable(value)];\n  }\n\n  return result;\n}\n\nmodule.exports = getMatchData;","var baseIsEqual =
require('./_baseIsEqual'),\n  get = require('./get'),\n  hasIn = require('./hasIn'),\n  isKey = require('./_isKey'),\n
isStrictComparable = require('./_isStrictComparable'),\n  matchesStrictComparable =
require('./_matchesStrictComparable'),\n  toKey = require('./_toKey');\n\n/** Used to compose bitmasks for value
comparisons. */\n\nvar COMPARE_PARTIAL_FLAG = 1,\n  COMPARE_UNORDERED_FLAG = 2;\n\n/**\n * The base implementation of `_.matchesProperty` which doesn't clone `srcValue`.\n *\n * @private\n * @param
{string} path The path of the property to get.\n * @param {*} srcValue The value to match.\n * @returns
{Function} Returns the new spec function.\n *\n */\nfunction baseMatchesProperty(path, srcValue) {\n  if
(isKey(path) && isStrictComparable(srcValue)) {\n    return matchesStrictComparable(toKey(path), srcValue);\n  }\n\n  return function (object) {\n    var objValue = get(object, path);\n    return objValue === undefined &&
objValue === srcValue ? hasIn(object, path) : baseIsEqual(srcValue, objValue, COMPARE_PARTIAL_FLAG |
COMPARE_UNORDERED_FLAG);\n  };\n}\n\nmodule.exports = baseMatchesProperty;","/**\n * The base
implementation of `_.hasIn` without support for deep paths.\n *\n * @private\n * @param {Object} [object] The
object to query.\n * @param {Array|string} key The key to check.\n * @returns {boolean} Returns `true` if `key`
exists, else `false`.\n *\n */\nfunction baseHasIn(object, key) {\n  return object != null && key in
Object(object);\n}\n\nmodule.exports = baseHasIn;","var baseProperty = require('./_baseProperty'),\n
basePropertyDeep = require('./_basePropertyDeep'),\n  isKey = require('./_isKey'),\n  toKey =
require('./_toKey');\n\n/**\n * Creates a function that returns the value at `path` of a given object.\n *\n * @static\n * @memberOf _\n * @since 2.4.0\n * @category Util\n * @param {Array|string} path The path of the property to
get.\n * @returns {Function} Returns the new accessor function.\n * @example\n *\n * var objects = [\n *   { 'a': {
'b': 2 } },\n *   { 'a': { 'b': 1 } }\n * ];\n *\n * _map(objects, _.property('a.b'));\n * // => [2, 1]\n *\n *
_.map(_.sortBy(objects, _.property(['a', 'b'])), 'a.b');\n * // => [1, 2]\n *\n */\nfunction property(path) {\n  return
isKey(path) ? baseProperty(toKey(path)) : basePropertyDeep(path);\n}\n\nmodule.exports = property;","var baseGet =
require('./_baseGet');\n\n/**\n * A specialized version of `baseProperty` which supports deep paths.\n *\n * @private\n * @param {Array|string} path The path of the property to get.\n * @returns {Function} Returns the new

```

```

accessor function.\n *\n\nfunction basePropertyDeep(path) {\n  return function (object) {\n    return
baseGet(object, path);\n  };}\n\nmodule.exports = basePropertyDeep;"},"var baseFindKey =
require('./_baseFindKey'),\n  baseForOwnRight = require('./_baseForOwnRight'),\n  baseIteratee =
require('./_baseIteratee');\n/**\n * This method is like `_.findKey` except that it iterates over elements of\n * a
collection in the opposite order.\n *\n * @static\n * @memberOf _\n * @since 2.0.0\n * @category Object\n *
@param {Object} object The object to inspect.\n * @param {Function} [predicate=_identity] The function invoked
per iteration.\n * @returns {string|undefined} Returns the key of the matched element,\n * else `undefined`.\n *
@example\n *\n * var users = {\n *   'barney': { 'age': 36, 'active': true },\n *   'fred': { 'age': 40, 'active': false },\n *
'pebbles': { 'age': 1, 'active': true } }\n *;\n *\n * _findLastKey(users, function(o) { return o.age < 40; });\n * //
=> returns 'pebbles' assuming `_.findKey` returns 'barney'\n *\n * // The `_.matches` iteratee shorthand.\n *
_.findLastKey(users, { 'age': 36, 'active': true });\n * // => 'barney'\n *\n * // The `_.matchesProperty` iteratee
shorthand.\n * _findLastKey(users, ['active', false]);\n * // => 'fred'\n *\n * // The `_.property` iteratee shorthand.\n
* _findLastKey(users, 'active');\n * // => 'pebbles'\n *\n\nfunction findLastKey(object, predicate) {\n  return
baseFindKey(object, baseIteratee(predicate, 3), baseForOwnRight);\n}\n\nmodule.exports = findLastKey;"},"var
baseFor = require('./_baseFor'),\n  castFunction = require('./_castFunction'),\n  keysIn = require('./keysIn');\n/**\n *
Iterates over own and inherited enumerable string keyed properties of an\n * object and invokes `iteratee` for each
property. The iteratee is invoked\n * with three arguments: (value, key, object). Iteratee functions may exit\n *
iteration early by explicitly returning `false`.\n *\n * @static\n * @memberOf _\n * @since 0.3.0\n * @category
Object\n * @param {Object} object The object to iterate over.\n * @param {Function} [iteratee=_identity] The
function invoked per iteration.\n * @returns {Object} Returns `object`.\n * @see _.forInRight\n * @example\n *\n *
function Foo() {\n *   this.a = 1;\n *   this.b = 2;\n * }\n *\n * Foo.prototype.c = 3;\n *\n * _forIn(new Foo,
function(value, key) {\n *   console.log(key);\n * });\n * // => Logs 'a', 'b', then 'c' (iteration order is not
guaranteed).\n *\n\nfunction forIn(object, iteratee) {\n  return object == null ? object : baseFor(object,
castFunction(iteratee), keysIn);\n}\n\nmodule.exports = forIn;"},"var baseForRight = require('./_baseForRight'),\n
castFunction = require('./_castFunction'),\n  keysIn = require('./keysIn');\n/**\n * This method is like `_.forIn`
except that it iterates over properties of\n * `object` in the opposite order.\n *\n * @static\n * @memberOf _\n *
@since 2.0.0\n * @category Object\n * @param {Object} object The object to iterate over.\n * @param {Function}
[iteratee=_identity] The function invoked per iteration.\n * @returns {Object} Returns `object`.\n * @see _.forIn\n *
@example\n *\n * function Foo() {\n *   this.a = 1;\n *   this.b = 2;\n * }\n *\n * Foo.prototype.c = 3;\n *\n *
_.forInRight(new Foo, function(value, key) {\n *   console.log(key);\n * });\n * // => Logs 'c', 'b', then 'a' assuming
`_.forIn` logs 'a', 'b', then 'c'.\n *\n\nfunction forInRight(object, iteratee) {\n  return object == null ? object :
baseForRight(object, castFunction(iteratee), keysIn);\n}\n\nmodule.exports = forInRight;"},"var baseForOwn =
require('./_baseForOwn'),\n  castFunction = require('./_castFunction');\n/**\n * Iterates over own enumerable string
keyed properties of an object and\n * invokes `iteratee` for each property. The iteratee is invoked with three\n *
arguments: (value, key, object). Iteratee functions may exit iteration\n * early by explicitly returning `false`.\n *\n *
@static\n * @memberOf _\n * @since 0.3.0\n * @category Object\n * @param {Object} object The object to
iterate over.\n * @param {Function} [iteratee=_identity] The function invoked per iteration.\n * @returns {Object}
Returns `object`.\n * @see _.forOwnRight\n * @example\n *\n * function Foo() {\n *   this.a = 1;\n *   this.b = 2;\n
* }\n *\n * Foo.prototype.c = 3;\n *\n * _forOwn(new Foo, function(value, key) {\n *   console.log(key);\n * });\n *
// => Logs 'a' then 'b' (iteration order is not guaranteed).\n *\n\nfunction forOwn(object, iteratee) {\n  return object
&& baseForOwn(object, castFunction(iteratee));\n}\n\nmodule.exports = forOwn;"},"var baseForOwnRight =
require('./_baseForOwnRight'),\n  castFunction = require('./_castFunction');\n/**\n * This method is like
`_.forOwn` except that it iterates over properties of\n * `object` in the opposite order.\n *\n * @static\n *
@memberOf _\n * @since 2.0.0\n * @category Object\n * @param {Object} object The object to iterate over.\n *
@param {Function} [iteratee=_identity] The function invoked per iteration.\n * @returns {Object} Returns
`object`.\n * @see _.forOwn\n * @example\n *\n * function Foo() {\n *   this.a = 1;\n *   this.b = 2;\n * }\n *\n *
Foo.prototype.c = 3;\n *\n * _forOwnRight(new Foo, function(value, key) {\n *   console.log(key);\n * });\n * // =>
Logs 'b' then 'a' assuming `_.forOwn` logs 'a' then 'b'.\n *\n\nfunction forOwnRight(object, iteratee) {\n  return

```

```

object && baseForOwnRight(object, castFunction(iteratee));\n\nmodule.exports = forOwnRight;","var
baseFunctions = require('./_baseFunctions'),\n  keys = require('./keys');\n/**\n * Creates an array of function
property names from own enumerable properties\n * of `object`.\n * @static\n * @since 0.1.0\n * @memberOf
_\n * @category Object\n * @param {Object} object The object to inspect.\n * @returns {Array} Returns the
function names.\n * @see _functionsIn\n * @example\n * function Foo() {\n *   this.a = _constant('a');\n *
this.b = _constant('b');\n * }\n * Foo.prototype.c = _constant('c');\n * _functions(new Foo);\n * // => ['a',
'b']\n *\n\nfunction functions(object) {\n  return object == null ? [] : baseFunctions(object,
keys(object));\n}\n\nmodule.exports = functions;","var baseFunctions = require('./_baseFunctions'),\n  keysIn =
require('./keysIn');\n/**\n * Creates an array of function property names from own and inherited\n * enumerable
properties of `object`.\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Object\n * @param
{Object} object The object to inspect.\n * @returns {Array} Returns the function names.\n * @see _functions\n *
@example\n * function Foo() {\n *   this.a = _constant('a');\n *   this.b = _constant('b');\n * }\n *
Foo.prototype.c = _constant('c');\n * _functionsIn(new Foo);\n * // => ['a', 'b', 'c']\n *\n\nfunction
functionsIn(object) {\n  return object == null ? [] : baseFunctions(object, keysIn(object));\n}\n\nmodule.exports =
functionsIn;","var baseHas = require('./_baseHas'),\n  hasPath = require('./_hasPath');\n/**\n * Checks if `path` is a
direct property of `object`.\n * @static\n * @since 0.1.0\n * @memberOf _\n * @category Object\n * @param
{Object} object The object to query.\n * @param {Array|string} path The path to check.\n * @returns {boolean}
Returns `true` if `path` exists, else `false`.\n * @example\n * var object = { 'a': { 'b': 2 } };\n * var other =
_create({ 'a': _create({ 'b': 2 }) });\n * _has(object, 'a');\n * // => true\n * _has(object, 'a.b');\n * // => true\n *
_has(object, ['a', 'b']);\n * // => true\n * _has(other, 'a');\n * // => false\n *\n\nfunction has(object, path)
{\n  return object != null && hasPath(object, path, baseHas);\n}\n\nmodule.exports = has;","/** Used for built-in
method references. */\nvar objectProto = Object.prototype;\n/** Used to check objects for own properties. */\nvar
hasOwnProperty = objectProto.hasOwnProperty;\n/**\n * The base implementation of `_.has` without support for
deep paths.\n * @private\n * @param {Object} [object] The object to query.\n * @param {Array|string} key
The key to check.\n * @returns {boolean} Returns `true` if `key` exists, else `false`.\n *\n\nfunction
baseHas(object, key) {\n  return object != null && hasOwnProperty.call(object, key);\n}\n\nmodule.exports =
baseHas;","var constant = require('./constant'),\n  createInverter = require('./_createInverter'),\n  identity =
require('./_identity');\n/** Used for built-in method references. */\nvar objectProto = Object.prototype;\n/**\n * Used to resolve the\n * [toStringTag](http://ecma-international.org/ecma-262/7.0/#sec-object.prototype.tostring)\n * of values.\n *\n\nvar nativeObjectToString = objectProto.toString;\n/**\n * Creates an object composed of the
inverted keys and values of `object`.\n * If `object` contains duplicate values, subsequent values overwrite\n *
property assignments of previous values.\n * @static\n * @memberOf _\n * @since 0.7.0\n * @category
Object\n * @param {Object} object The object to invert.\n * @returns {Object} Returns the new inverted object.\n *
@example\n * var object = { 'a': 1, 'b': 2, 'c': 1 };\n * _invert(object);\n * // => { '1': 'c', '2': 'b' }\n *\n\nvar
invert = createInverter(function (result, value, key) {\n  if (value != null && typeof value.toString != 'function') {\n
value = nativeObjectToString.call(value);\n  }\n  result[value] = key;\n}, constant(identity));\n\nmodule.exports =
invert;","var baseForOwn = require('./_baseForOwn');\n/**\n * The base implementation of `_.invert` and
`_.invertBy` which inverts\n * `object` with values transformed by `iteratee` and set by `setter`.\n * @private\n *
@param {Object} object The object to iterate over.\n * @param {Function} setter The function to set `accumulator`
values.\n * @param {Function} iteratee The iteratee to transform values.\n * @param {Object} accumulator The
initial inverted object.\n * @returns {Function} Returns `accumulator`.\n *\n\nfunction baseInverter(object,
setter, iteratee, accumulator) {\n  baseForOwn(object, function (value, key, object) {\n    setter(accumulator,
iteratee(value), key, object);\n  });\n  return accumulator;\n}\n\nmodule.exports = baseInverter;","var baseIteratee =
require('./_baseIteratee'),\n  createInverter = require('./_createInverter');\n/** Used for built-in method references.
*/\nvar objectProto = Object.prototype;\n/** Used to check objects for own properties. */\nvar
hasOwnProperty = objectProto.hasOwnProperty;\n/** Used to resolve the\n * [toStringTag](http://ecma-
international.org/ecma-262/7.0/#sec-object.prototype.tostring)\n * of values.\n *\n\nvar nativeObjectToString =
objectProto.toString;\n/**\n * This method is like `_.invert` except that the inverted object is generated\n * from the

```

results of running each element of `object` thru `iteratee`. The corresponding inverted value of each inverted key is an array of keys responsible for generating the inverted value. The iteratee is invoked with one argument: (value).

```

@static
@memberOf _
@since 4.1.0
@category Object
@param {Object} object
The object to invert.
@param {Function} [iteratee=_identity] The iteratee invoked per element.
@returns {Object} Returns the new inverted object.
@example
var object = { 'a': 1, 'b': 2, 'c': 1 };
_invertBy(object);
// => { '1': ['a', 'c'], '2': ['b'] }
_invertBy(object, function(value) {
  return 'group' + value;
});
// => { 'group1': ['a', 'c'], 'group2': ['b'] }
var invertBy = createInverter(function (result, value, key) {
  if (value != null && typeof value.toString != 'function') {
    value = nativeObjectToString.call(value);
  }
  if (hasOwnProperty.call(result, value)) {
    result[value].push(key);
  }
  else {
    result[value] = [key];
  }
}, baseIteratee);
module.exports = invertBy;
"var baseInvoke = require('./_baseInvoke'),
  baseRest = require('./_baseRest');
/**
 * Invokes the method at `path` of `object`.
 *
 * @static
 * @memberOf _
 * @since 4.0.0
 * @category Object
 * @param {Object} object The object to query.
 * @param {Array|string} path The path of the method to invoke.
 * @param {...*} [args] The arguments to invoke the method with.
 * @returns {*} Returns the result of the invoked method.
 * @example
 * var object = { 'a': [{ 'b': { 'c': [1, 2, 3, 4] } } ] };
 * _invoke(object, 'a[0].b.c.slice', 1, 3);
 * // => [2, 3]
 *
 * var invoke = baseRest(baseInvoke);
 * module.exports = invoke;
"var apply = require('./_apply'),
  castPath = require('./_castPath'),
  last = require('./last'),
  parent = require('./_parent'),
  toKey = require('./_toKey');
/**
 * The base implementation of `_.invoke` without support for individual method arguments.
 *
 * @private
 * @param {Object} object The object to query.
 * @param {Array|string} path The path of the method to invoke.
 * @param {Array} args The arguments to invoke the method with.
 * @returns {*} Returns the result of the invoked method.
 */
function baseInvoke(object, path, args) {
  path = castPath(path, object);
  object = parent(object, path);
  var func = object == null ? object : object[toKey(last(path))];
  return func == null ? undefined : apply(func, object, args);
}
module.exports = baseInvoke;
"var baseAssignValue = require('./_baseAssignValue'),
  baseForOwn = require('./_baseForOwn'),
  baseIteratee = require('./_baseIteratee');
/**
 * The opposite of `_.mapValues`; this method creates an object with the same values as `object` and keys generated by running each own enumerable string keyed property of `object` thru `iteratee`. The iteratee is invoked with three arguments: (value, key, object).
 *
 * @static
 * @memberOf _
 * @since 3.8.0
 * @category Object
 * @param {Object} object The object to iterate over.
 * @param {Function} [iteratee=_identity] The function invoked per iteration.
 * @returns {Object} Returns the new mapped object.
 * @see _.mapValues
 * @example
 * _mapKeys({ 'a': 1, 'b': 2 }, function(value, key) {
 *   return key + value;
 * });
 * // => { 'a1': 1, 'b2': 2 }
 *
 * function mapKeys(object, iteratee) {
 *   var result = {};
 *   iteratee = baseIteratee(iteratee, 3);
 *   baseForOwn(object, function (value, key, object) {
 *     baseAssignValue(result, iteratee(value, key, object), value);
 *   });
 *   return result;
 * }
 * module.exports = mapKeys;
"var baseAssignValue = require('./_baseAssignValue'),
  baseForOwn = require('./_baseForOwn'),
  baseIteratee = require('./_baseIteratee');
/**
 * Creates an object with the same keys as `object` and values generated by running each own enumerable string keyed property of `object` thru `iteratee`. The iteratee is invoked with three arguments: (value, key, object).
 *
 * @static
 * @memberOf _
 * @since 2.4.0
 * @category Object
 * @param {Object} object The object to iterate over.
 * @param {Function} [iteratee=_identity] The function invoked per iteration.
 * @returns {Object} Returns the new mapped object.
 * @see _.mapKeys
 * @example
 * var users = {
 *   'fred': { 'user': 'fred', 'age': 40 },
 *   'pebbles': { 'user': 'pebbles', 'age': 1 }
 * };
 * _mapValues(users, function(o) { return o.age; });
 * // => { 'fred': 40, 'pebbles': 1 }
 * (iteration order is not guaranteed)
 *
 * // The `_.property` iteratee shorthand.
 * _mapValues(users, 'age');
 * // => { 'fred': 40, 'pebbles': 1 }
 * (iteration order is not guaranteed)
 *
 * function mapValues(object, iteratee) {
 *   var result = {};
 *   iteratee = baseIteratee(iteratee, 3);
 *   baseForOwn(object, function (value, key, object) {
 *     baseAssignValue(result, key, iteratee(value, key, object));
 *   });
 *   return result;
 * }
 * module.exports = mapValues;
"var baseMerge = require('./_baseMerge'),
  createAssigner = require('./_createAssigner');
/**
 * This method is like `_.assign` except that it recursively merges own and inherited enumerable string keyed properties of source objects into the destination object. Source properties that

```



```

resolve to `undefined` are skipped if a destination value exists. Array and plain object properties are merged
recursively. Other objects and value types are overridden by assignment. Source objects are applied from left to
right. Subsequent sources overwrite property assignments of previous sources.
`Object`
  @static
  @memberOf _
  @since 0.5.0
  @category Object
  @param {Object} object The destination object.
  @param {...Object} [sources] The source objects.
  @returns {Object} Returns the destination object.
  @example
  var object = { 'a': [{ 'b': 2 }, { 'd': 4 }] };
  var other = { 'a': [{ 'c': 3 }, { 'e': 5 }] };
  _merge(object, other);
  // => { 'a': [{ 'b': 2, 'c': 3 }, { 'd': 4, 'e': 5 }] }
  var merge = createAssigner(function (object, source, srcIndex) {
    baseMerge(object, source, srcIndex);
  });
  module.exports = merge;
  var arrayMap = require('./_arrayMap'),
      baseClone = require('./_baseClone'),
      baseUnset = require('./_baseUnset'),
      castPath = require('./_castPath'),
      copyObject = require('./_copyObject'),
      customOmitClone = require('./_customOmitClone'),
      flatRest = require('./_flatRest'),
      getAllKeysIn = require('./_getAllKeysIn');
  /** Used to compose bitmasks for cloning.
   *
   * CLONE_DEEP_FLAG = 1,
   * CLONE_FLAT_FLAG = 2,
   * CLONE_SYMBOLS_FLAG = 4;
   */
  /** The opposite of `_.pick`; this method creates an object composed of the own and inherited
   enumerable property paths of `object` that are not omitted.
   *
   * Note: This method is considerably slower than `_.pick`.
   *
   * @static
   * @since 0.1.0
   * @memberOf _
   * @category Object
   * @param {Object} object The source object.
   * @param {...(string|string[])} [paths] The property paths to omit.
   * @returns {Object} Returns the new object.
   * @example
   * var object = { 'a': 1, 'b': 2, 'c': 3 };
   * _omit(object, ['a', 'c']);
   * // => { 'b': 2 }
   */
  var omit = flatRest(function (object, paths) {
    var result = {};
    if (object == null) {
      return result;
    }
    var isDeep = false;
    paths = arrayMap(paths, function (path) {
      path = castPath(path, object);
      isDeep || (isDeep = path.length > 1);
      return path;
    });
    copyObject(object, getAllKeysIn(object), result);
    if (isDeep) {
      result = baseClone(result, CLONE_DEEP_FLAG | CLONE_FLAT_FLAG | CLONE_SYMBOLS_FLAG, customOmitClone);
    }
    var length = paths.length;
    while (length--) {
      baseUnset(result, paths[length]);
    }
    return result;
  });
  module.exports = omit;
  var Stack = require('./_Stack'),
      arrayEach = require('./_arrayEach'),
      assignValue = require('./_assignValue'),
      baseAssign = require('./_baseAssign'),
      baseAssignIn = require('./_baseAssignIn'),
      cloneBuffer = require('./_cloneBuffer'),
      copyArray = require('./_copyArray'),
      copySymbols = require('./_copySymbols'),
      copySymbolsIn = require('./_copySymbolsIn'),
      getAllKeys = require('./_getAllKeys'),
      getAllKeysIn = require('./_getAllKeysIn'),
      getTag = require('./_getTag'),
      initCloneArray = require('./_initCloneArray'),
      initCloneByTag = require('./_initCloneByTag'),
      initCloneObject = require('./_initCloneObject'),
      isArray = require('./_isArray'),
      isBuffer = require('./_isBuffer'),
      isMap = require('./_isMap'),
      isObject = require('./_isObject'),
      isSet = require('./_isSet'),
      keys = require('./_keys');
  /** Used to compose bitmasks for cloning.
   *
   * CLONE_DEEP_FLAG = 1,
   * CLONE_FLAT_FLAG = 2,
   * CLONE_SYMBOLS_FLAG = 4;
   */
  /** `Object#toString` result references.
   *
   * argsTag = '[object Arguments]',
   * arrayTag = '[object Array]',
   * boolTag = '[object Boolean]',
   * dateTag = '[object Date]',
   * errorTag = '[object Error]',
   * funcTag = '[object Function]',
   * genTag = '[object GeneratorFunction]',
   * mapTag = '[object Map]',
   * numberTag = '[object Number]',
   * objectTag = '[object Object]',
   * regexpTag = '[object RegExp]',
   * setTag = '[object Set]',
   * stringTag = '[object String]',
   * symbolTag = '[object Symbol]',
   * weakMapTag = '[object WeakMap]';
   */
  var arrayBufferTag = '[object ArrayBuffer]',
      dataViewTag = '[object DataView]',
      float32Tag = '[object Float32Array]',
      float64Tag = '[object Float64Array]',
      int8Tag = '[object Int8Array]',
      int16Tag = '[object Int16Array]',
      int32Tag = '[object Int32Array]',
      uint8Tag = '[object Uint8Array]',
      uint8ClampedTag = '[object Uint8ClampedArray]',
      uint16Tag = '[object Uint16Array]',
      uint32Tag = '[object Uint32Array]';
  /** Used to identify `toStringTag` values supported by `_.clone`.
   *
   * cloneableTags = {}
   * !cloneableTags[argsTag] = cloneableTags[arrayTag] = cloneableTags[arrayBufferTag] =
   * cloneableTags[dataViewTag] = cloneableTags[boolTag] = cloneableTags[dateTag] = cloneableTags[float32Tag] =
   * cloneableTags[float64Tag] = cloneableTags[int8Tag] = cloneableTags[int16Tag] = cloneableTags[int32Tag] =
   * cloneableTags[mapTag] = cloneableTags[numberTag] = cloneableTags[objectTag] = cloneableTags[regexpTag] =
   * cloneableTags[setTag] = cloneableTags[stringTag] = cloneableTags[symbolTag] = cloneableTags[uint8Tag] =

```

```

cloneableTags[uint8ClampedTag] = cloneableTags[uint16Tag] = cloneableTags[uint32Tag] =
true;\ncloneableTags[errorTag] = cloneableTags[funcTag] = cloneableTags[weakMapTag] = false;\n/**\n * The
base implementation of `_.clone` and `_.cloneDeep` which tracks\n * traversed objects.\n *\n * @private\n *
@param {*} value The value to clone.\n * @param {boolean} bitmask The bitmask flags.\n * 1 - Deep clone\n * 2
- Flatten inherited properties\n * 4 - Clone symbols\n * @param {Function} [customizer] The function to customize
cloning.\n * @param {string} [key] The key of `value`.\n * @param {Object} [object] The parent object of
`value`.\n * @param {Object} [stack] Tracks traversed objects and their clone counterparts.\n * @returns {*}
Returns the cloned value.\n */\n\nfunction baseClone(value, bitmask, customizer, key, object, stack) {\n var
result,\n   isDeep = bitmask & CLONE_DEEP_FLAG,\n   isFlat = bitmask & CLONE_FLAT_FLAG,\n
isFull = bitmask & CLONE_SYMBOLS_FLAG;\n\n if (customizer) {\n   result = object ? customizer(value, key,
object, stack) : customizer(value);\n } \n\n if (result !== undefined) {\n   return result;\n } \n\n if (!isObject(value))
{\n   return value;\n } \n\n var isArr = isArray(value);\n\n if (isArr) {\n   result = initCloneArray(value);\n\n   if
(!isDeep) {\n     return copyArray(value, result);\n   } \n\n   } else {\n     var tag = getTag(value),\n         isFunc = tag ==
funcTag || tag == genTag;\n\n     if (isBuffer(value)) {\n       return cloneBuffer(value, isDeep);\n     } \n\n     if (tag ==
objectTag || tag == argsTag || isFunc && !object) {\n       result = isFlat || isFunc ? {} : initCloneObject(value);\n\n       if
(!isDeep) {\n         return isFlat ? copySymbolsIn(value, baseAssignIn(result, value)) : copySymbols(value,
baseAssign(result, value));\n       } \n\n     } else {\n       if (!cloneableTags[tag]) {\n         return object ? value : {};\n
      } \n\n       result = initCloneByTag(value, tag, isDeep);\n     } \n\n   } // Check for circular references and return its
corresponding clone.\n\n\n   stack || (stack = new Stack());\n   var stacked = stack.get(value);\n\n   if (stacked) {\n     return
stacked;\n   } \n\n   stack.set(value, result);\n\n   if (isSet(value)) {\n     value.forEach(function (subValue) {\n       result.add(
baseClone(subValue, bitmask, customizer, subValue, value, stack));\n     });\n     return result;\n   } \n\n   if
(isMap(value)) {\n     value.forEach(function (subValue, key) {\n       result.set(key, baseClone(subValue, bitmask,
customizer, key, value, stack));\n     });\n     return result;\n   } \n\n   var keysFunc = isFull ? isFlat ? getAllKeysIn :
getAllKeys : isFlat ? keysIn : keys;\n   var props = isArr ? undefined : keysFunc(value);\n   arrayEach(props || value,
function (subValue, key) {\n     if (props) {\n       key = subValue;\n       subValue = value[key];\n     } // Recursively
populate clone (susceptible to call stack limits).\n\n     assignValue(result, key, baseClone(subValue, bitmask,
customizer, key, value, stack));\n   });\n   return result;\n } \n\n\nmodule.exports = baseClone;","var copyObject =
require('./_copyObject'),\n keysIn = require('./keysIn');\n\n/**\n * The base implementation of `_.assignIn` without
support for multiple sources\n * or `customizer` functions.\n *\n * @private\n * @param {Object} object The
destination object.\n * @param {Object} source The source object.\n * @returns {Object} Returns `object`.\n */\n\nfunction baseAssignIn(object, source) {\n return object && copyObject(source, keysIn(source),
object);\n } \n\n\nmodule.exports = baseAssignIn;","var copyObject = require('./_copyObject'),\n getSymbols =
require('./_getSymbols');\n\n/**\n * Copies own symbols of `source` to `object`.\n *\n * @private\n * @param
{Object} source The object to copy symbols from.\n * @param {Object} [object={}] The object to copy symbols
to.\n * @returns {Object} Returns `object`.\n */\n\nfunction copySymbols(source, object) {\n return
copyObject(source, getSymbols(source), object);\n } \n\n\nmodule.exports = copySymbols;","var copyObject =
require('./_copyObject'),\n getSymbolsIn = require('./_getSymbolsIn');\n\n/**\n * Copies own and inherited symbols
of `source` to `object`.\n *\n * @private\n * @param {Object} source The object to copy symbols from.\n *
@param {Object} [object={}] The object to copy symbols to.\n * @returns {Object} Returns `object`.\n */\n\nfunction copySymbolsIn(source, object) {\n return
copyObject(source, getSymbolsIn(source),
object);\n } \n\n\nmodule.exports = copySymbolsIn;","/** Used for built-in method references. */\nvar objectProto =
Object.prototype;\n\n/** Used to check objects for own properties. */\nvar hasOwnProperty =
objectProto.hasOwnProperty;\n\n/**\n * Initializes an array clone.\n *\n * @private\n * @param {Array} array The
array to clone.\n * @returns {Array} Returns the initialized clone.\n */\n\nfunction initCloneArray(array) {\n var
length = array.length,\n   result = new array.constructor(length); // Add properties assigned by `RegExp#exec`.\n\n if
(length && typeof array[0] == 'string' && hasOwnProperty.call(array, 'index')) {\n   result.index = array.index;\n   result.input = array.input;\n } \n\n return result;\n } \n\n\nmodule.exports = initCloneArray;","var cloneArrayBuffer =
require('./_cloneArrayBuffer'),\n cloneDataView = require('./_cloneDataView'),\n cloneRegExp =

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require('./_cloneRegExp'),\n  cloneSymbol = require('./_cloneSymbol'),\n  cloneTypedArray =
require('./_cloneTypedArray');\n/** `Object#toString` result references. *\n\nvar boolTag = '[object Boolean]',\n  dateTag = '[object Date]',\n  mapTag = '[object Map]',\n  numberTag = '[object Number]',\n  regexpTag =
'[object RegExp]',\n  setTag = '[object Set]',\n  stringTag = '[object String]',\n  symbolTag = '[object
Symbol]';\nvar arrayBufferTag = '[object ArrayBuffer]',\n  dataViewTag = '[object DataView]',\n  float32Tag =
'[object Float32Array]',\n  float64Tag = '[object Float64Array]',\n  int8Tag = '[object Int8Array]',\n  int16Tag =
'[object Int16Array]',\n  int32Tag = '[object Int32Array]',\n  uint8Tag = '[object Uint8Array]',\n  uint8ClampedTag = '[object Uint8ClampedArray]',\n  uint16Tag = '[object Uint16Array]',\n  uint32Tag = '[object
Uint32Array]';\n/**\n * Initializes an object clone based on its `toStringTag`.\n *\n * **Note:** This function only
supports cloning values with tags of\n * `Boolean`, `Date`, `Error`, `Map`, `Number`, `RegExp`, `Set`, or `String`.\n
*\n * @private\n * @param {Object} object The object to clone.\n * @param {string} tag The `toStringTag` of the
object to clone.\n * @param {boolean} [isDeep] Specify a deep clone.\n * @returns {Object} Returns the initialized
clone.\n *\n\nfunction initCloneByTag(object, tag, isDeep) {\n  var Ctor = object.constructor;\n\n  switch (tag) {\n
case arrayBufferTag:\n    return cloneArrayBuffer(object);\n\n  case boolTag:\n  case dateTag:\n    return new
Ctor(+object);\n\n  case dataViewTag:\n    return cloneDataView(object, isDeep);\n\n  case float32Tag:\n  case
float64Tag:\n  case int8Tag:\n  case int16Tag:\n  case int32Tag:\n  case uint8Tag:\n  case uint8ClampedTag:\n
  case uint16Tag:\n  case uint32Tag:\n    return cloneTypedArray(object, isDeep);\n\n  case mapTag:\n    return
new Ctor();\n\n  case numberTag:\n  case stringTag:\n    return new Ctor(object);\n\n  case regexpTag:\n
return cloneRegExp(object);\n\n  case setTag:\n    return new Ctor();\n\n  case symbolTag:\n    return
cloneSymbol(object);\n  }\n}\n\nmodule.exports = initCloneByTag;","var cloneArrayBuffer =
require('./_cloneArrayBuffer');\n/**\n * Creates a clone of `dataView`.\n *\n * @private\n * @param {Object}
dataView The data view to clone.\n * @param {boolean} [isDeep] Specify a deep clone.\n * @returns {Object}
Returns the cloned data view.\n *\n\nfunction cloneDataView(dataView, isDeep) {\n  var buffer = isDeep ?
cloneArrayBuffer(dataView.buffer) : dataView.buffer;\n  return new dataView.constructor(buffer,
dataView.byteOffset, dataView.byteLength);\n}\n\nmodule.exports = cloneDataView;","/** Used to match
`RegExp` flags from their coerced string values. *\n\nvar reFlags = /\w*$/;\n/**\n * Creates a clone of `regexp`.\n
*\n * @private\n * @param {Object} regexp The regexp to clone.\n * @returns {Object} Returns the cloned
regexp.\n *\n\nfunction cloneRegExp(regexp) {\n  var result = new regexp.constructor(regexp.source,
reFlags.exec(regexp));\n  result.lastIndex = regexp.lastIndex;\n  return result;\n}\n\nmodule.exports =
cloneRegExp;","var Symbol = require('./_Symbol');\n/** Used to convert symbols to primitives and strings.
*\n\nvar symbolProto = Symbol ? Symbol.prototype : undefined,\n  symbolValueOf = symbolProto ?
symbolProto.valueOf : undefined;\n/**\n * Creates a clone of the `symbol` object.\n *\n * @private\n * @param
{Object} symbol The symbol object to clone.\n * @returns {Object} Returns the cloned symbol object.\n
*\n\nfunction cloneSymbol(symbol) {\n  return symbolValueOf ? Object(symbolValueOf.call(symbol)) :
{};\n}\n\nmodule.exports = cloneSymbol;","var baseIsMap = require('./_baseIsMap'),\n  baseUnary =
require('./_baseUnary'),\n  nodeUtil = require('./_nodeUtil');\n/** Node.js helper references. *\n\nvar nodeIsMap
= nodeUtil && nodeUtil.isMap;\n/**\n * Checks if `value` is classified as a `Map` object.\n *\n * @static\n *
@memberOf _\n * @since 4.3.0\n * @category Lang\n * @param {*} value The value to check.\n * @returns
{boolean} Returns `true` if `value` is a map, else `false`.\n * @example\n *\n * _isMap(new Map);\n * // => true\n
*\n * _isMap(new WeakMap);\n * // => false\n *\n\nvar isMap = nodeIsMap ? baseIsMap : baseUnary(nodeIsMap) :
baseIsMap;\n\nmodule.exports = isMap;","var getTag = require('./_getTag'),\n  isObjectLike =
require('./isObjectLike');\n/** `Object#toString` result references. *\n\nvar mapTag = '[object Map]';\n/**\n * The
base implementation of `_.isMap` without Node.js optimizations.\n *\n * @private\n * @param {*} value The value
to check.\n * @returns {boolean} Returns `true` if `value` is a map, else `false`.\n *\n\nfunction baseIsMap(value)
{\n  return isObjectLike(value) && getTag(value) == mapTag;\n}\n\nmodule.exports = baseIsMap;","var baseIsSet
= require('./_baseIsSet'),\n  baseUnary = require('./_baseUnary'),\n  nodeUtil = require('./_nodeUtil');\n/** Node.js
helper references. *\n\nvar nodeIsSet = nodeUtil && nodeUtil.isSet;\n/**\n * Checks if `value` is classified as a
`Set` object.\n *\n * @static\n * @memberOf _\n * @since 4.3.0\n * @category Lang\n * @param {*} value The

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value to check.\n * @returns {boolean} Returns `true` if `value` is a set, else `false`.\n * @example\n *\n * _isSet(new Set);\n * // => true\n *\n * _isSet(new WeakSet);\n * // => false\n */\n\nvar isSet = nodeIsSet ?
baseUnary(nodeIsSet) : baseIsSet;\n\nmodule.exports = isSet;","var getTag = require('./_getTag'),\n isObjectLike =
require('./isObjectLike');\n\n/** `Object#toString` result references. */\n\nvar setTag = '[object Set]';\n\n/**\n * The base implementation of `_isSet` without Node.js optimizations.\n */\n * @private\n * @param {*} value The value
to check.\n * @returns {boolean} Returns `true` if `value` is a set, else `false`.\n */\n\nfunction baseIsSet(value) {\n
return isObjectLike(value) && getTag(value) === setTag;\n}\n\nmodule.exports = baseIsSet;","var isPlainObject =
require('./isPlainObject');\n\n/**\n * Used by `_omit` to customize its `_cloneDeep` use to only clone plain\n *
objects.\n */\n * @private\n * @param {*} value The value to inspect.\n * @param {string} key The key of the
property to inspect.\n * @returns {*} Returns the uncloned value or `undefined` to defer cloning to `_cloneDeep`.\n
*/\n\nfunction customOmitClone(value) {\n
return isPlainObject(value) ? undefined :
value;\n}\n\nmodule.exports = customOmitClone;","var baseIteratee = require('./_baseIteratee'),\n negate =
require('./negate'),\n pickBy = require('./pickBy');\n\n/**\n * The opposite of `_.pickBy`; this method creates an
object composed of\n * the own and inherited enumerable string keyed properties of `object` that\n * `predicate`
doesn't return truthy for. The predicate is invoked with two\n * arguments: (value, key).\n */\n * @static\n *
@memberOf _\n * @since 4.0.0\n * @category Object\n * @param {Object} object The source object.\n * @param
{Function} [predicate=_identity] The function invoked per property.\n * @returns {Object} Returns the new
object.\n * @example\n *\n * var object = { 'a': 1, 'b': '2', 'c': 3 };\n *\n * _omitBy(object, _isNumber);\n * // =>
{ 'b': '2' }\n */\n\nfunction omitBy(object, predicate) {\n
return pickBy(object,\n
negate(baseIteratee(predicate)));\n}\n\nmodule.exports = omitBy;","/** Error message constants. */\n\nvar
FUNC_ERROR_TEXT = 'Expected a function';\n\n/**\n * Creates a function that negates the result of the predicate
`func`. The\n * `func` predicate is invoked with the `this` binding and arguments of the\n * created function.\n
*/\n * @static\n * @memberOf _\n * @since 3.0.0\n * @category Function\n * @param {Function} predicate The
predicate to negate.\n * @returns {Function} Returns the new negated function.\n * @example\n *\n * function
isEven(n) {\n
return n % 2 == 0;\n * }\n *\n * _filter([1, 2, 3, 4, 5, 6], _negate(isEven));\n * // => [1, 3, 5]\n
*/\n\nfunction negate(predicate) {\n
if (typeof predicate != 'function') {\n
throw new
TypeError(FUNC_ERROR_TEXT);\n
}\n\nreturn function () {\n
var args = arguments;\n\n
switch
(args.length) {\n
case 0:\n
return !predicate.call(this);\n\n
case 1:\n
return !predicate.call(this,\n
args[0]);\n\n
case 2:\n
return !predicate.call(this, args[0], args[1]);\n\n
case 3:\n
return
!predicate.call(this, args[0], args[1], args[2]);\n\n
}\n\n
return !predicate.apply(this, args);\n
};\n}\n\nmodule.exports = negate;","var basePick = require('./_basePick'),\n flatRest = require('./_flatRest');\n\n/**\n
 * Creates an object composed of the picked `object` properties.\n */\n * @static\n * @since 0.1.0\n * @memberOf
_\n * @category Object\n * @param {Object} object The source object.\n * @param {...(string|string[])} [paths]
The property paths to pick.\n * @returns {Object} Returns the new object.\n * @example\n *\n * var object =
{ 'a': 1, 'b': '2', 'c': 3 };\n *\n * _pick(object, ['a', 'c']);\n * // => { 'a': 1, 'c': 3 }\n */\n\nvar
pick = flatRest(function (object, paths) {\n
return object == null ? {} : basePick(object, paths);\n});\n\nmodule.exports = pick;","var
basePickBy = require('./_basePickBy'),\n hasIn = require('./hasIn');\n\n/**\n * The base implementation of
`_.pick` without support for individual\n * property identifiers.\n */\n * @private\n * @param {Object} object The
source object.\n * @param {string[]} paths The property paths to pick.\n * @returns {Object} Returns the new
object.\n */\n\nfunction basePick(object, paths) {\n
return basePickBy(object, paths, function (value, path) {\n
return
hasIn(object, path);\n
});\n}\n\nmodule.exports = basePick;","var castPath = require('./_castPath'),\n isFunction =
require('./isFunction'),\n toKey = require('./_toKey');\n\n/**\n * This method is like `_.get` except that if the
resolved\n * value is a\n * function it's invoked with the `this` binding of its parent object and\n * its result
is returned.\n */\n * @static\n * @since 0.1.0\n * @memberOf _\n * @category Object\n * @param {Object} object The
object to query.\n * @param {Array|string} path The path of the property to resolve.\n * @param {*} [defaultValue]
The value returned for `undefined` resolved values.\n * @returns {*} Returns the resolved value.\n * @example\n *\n
var object = { 'a': { 'b': { 'c1': 3, 'c2': _constant(4) } } };\n *\n * _result(object, 'a[0].b.c1');\n * // => 3\n *\n
*_result(object, 'a[0].b.c2');\n * // => 4\n *\n * _result(object, 'a[0].b.c3', 'default');\n * // => 'default'\n
*/\n\nfunction _result(object, path, defaultValue) {\n
path = castPath(path);\n\nvar value = object == null ? undefined : object;\n\nwhile (path.length > 0) {\n
var key = toKey(path[0], object);\n\nvalue = value == null ? undefined : value[key];\n\nif (value == null) {\n
return defaultValue;\n
}\n\npath.shift();\n}\n\nreturn value == null ? undefined : value;\n}\n\nmodule.exports = _result;"}

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_result(object, 'a[0].b.c3', _constant('default'));
// => 'default'

function result(object, path,
defaultValue) {
  path = castPath(path, object);
  var index = -1,
      length = path.length;
  // Ensure the loop is
  entered when path is empty.
  if (!length) {
    length = 1;
    object = undefined;
  }
  while (++index <
length) {
    var value = object == null ? undefined : object[toKey(path[index]);
    if (value === undefined) {
      index = length;
      value = defaultValue;
    }
    object = isFunction(value) ? value.call(object) : value;
  }
  return object;
}
module.exports = result;

var baseSet = require('./_baseSet');

/**
 * Sets the value at
 `path` of `object`. If a portion of `path` doesn't exist,
 it's created. Arrays are created for missing index properties
 while objects
 are created for all other missing properties. Use
 `_.setWith` to customize
 `path` creation.

 * **Note:** This method mutates `object`.

 * @static
 * @memberOf _
 * @since 3.7.0
 * @category Object
 * @param {Object} object The object to modify.
 * @param {Array|string} path The path of the property
 to set.
 * @param {*} value The value to set.
 * @returns {Object} Returns `object`.
 * @example
 * var
 object = { 'a': [{ 'b': { 'c': 3 } } ] };
 * _set(object, 'a[0].b.c', 4);
 * console.log(object.a[0].b.c);
 * // => 4
 * _set(object, ['x', '0', 'y', 'z'], 5);
 * console.log(object.x[0].y.z);
 * // => 5

function set(object, path,
value) {
  return object == null ? object : baseSet(object, path, value);
}
module.exports = set;

var baseSet =
require('./_baseSet');

/**
 * This method is like `_.set` except that it accepts
 `customizer` which is
 invoked to
 produce the objects of `path`. If `customizer` returns
 `undefined`
 path creation is handled by the method instead.
 The `customizer` is invoked
 with three arguments:
 (nsValue, key, nsObject).

 * **Note:** This method
 mutates `object`.

 * @static
 * @memberOf _
 * @since 4.0.0
 * @category Object
 * @param {Object}
 object The object to modify.
 * @param {Array|string} path The path of the property
 to set.
 * @param {*} value The value to set.
 * @param {Function} [customizer] The function to
 customize assigned values.
 * @returns {Object} Returns `object`.
 * @example
 * var
 object = { };
 * _setWith(object, '[0][1]', 'a', Object);
 * // => { '0': { '1': 'a' } }

function setWith(object, path, value, customizer) {
  customizer = typeof
customizer == 'function' ? customizer : undefined;
  return object == null ? object : baseSet(object, path, value,
customizer);
}
module.exports = setWith;

var arrayEach = require('./_arrayEach'),
    baseCreate =
require('./_baseCreate'),
    baseForOwn = require('./_baseForOwn'),
    baseIteratee = require('./_baseIteratee'),
    getPrototype = require('./_getPrototype'),
    isArray = require('./isArray'),
    isBuffer = require('./isBuffer'),
    isFunction = require('./isFunction'),
    isObject = require('./isObject'),
    isTypedArray =
require('./isTypedArray');

/**
 * An alternative to `_.reduce`; this method transforms
 `object` to a new
 `accumulator` object which is the result of running
 each of its own
 enumerable string keyed properties thru
 `iteratee`, with each invocation
 potentially mutating the `accumulator` object. If
 `accumulator` is not
 provided, a new object with the same
 `[[Prototype]]` will be used. The
 iteratee is invoked with four arguments:
 (accumulator, value, key, object).
 Iteratee functions may exit iteration early by
 explicitly returning `false`.

 * @static
 * @memberOf _
 * @since 1.3.0
 * @category Object
 * @param {Object}
 object The object to
 iterate over.
 * @param {Function} [iteratee=_.identity] The
 function invoked per iteration.
 * @param {*} [accumulator] The custom accumulator
 value.
 * @returns {*} Returns the accumulated value.
 * @example
 * _transform([2, 3, 4], function(result, n) {
 *   result.push(n * n);
 *   return n % 2 == 0;
 * }, []);
 * // => [4,
9]
 * _transform({ 'a': 1, 'b': 2, 'c': 1 },
function(result, value, key) {
 *   (result[value] || (result[value] =
[])).push(key);
 * }, {});
 * // => { '1': ['a', 'c'], '2': ['b'] }

function transform(object, iteratee, accumulator) {
  var isArr = isArray(object),
      isArrLike = isArr || isBuffer(object) ||
isTypedArray(object);
  iteratee =
baseIteratee(iteratee, 4);
  if (accumulator == null) {
    var Ctor = object && object.constructor;
    if (isArrLike) {
      accumulator = isArr ? new Ctor() : [];
    } else if (isObject(object)) {
      accumulator = isFunction(Ctor) ?
baseCreate(getPrototype(object)) : {};
    } else {
      accumulator = {};
    }
  }
  if (isArrLike ? arrayEach : baseForOwn)(object,
function (value, index, object) {
    return iteratee(accumulator,
value, index, object);
  });
  return accumulator;
}
module.exports = transform;

var baseUnset =
require('./_baseUnset');

/**
 * Removes the property at `path` of `object`.

 * **Note:** This method mutates
 `object`.

 * @static
 * @memberOf _
 * @since 4.0.0
 * @category Object
 * @param {Object}
 object The object to
 modify.
 * @param {Array|string} path The path of the
 property to unset.
 * @returns {boolean} Returns `true` if the property
 is deleted, else `false`.
 * @example
 * var
 object = { 'a': { 'b': { 'c': 7 } } };

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    _unset(object, 'a[0].b.c');\n * // => true\n *\n * console.log(object);\n * // => { 'a': [{ 'b': {} } ] };\n *\n *
    _unset(object, ['a', '0', 'b', 'c']);\n * // => true\n *\n * console.log(object);\n * // => { 'a': [{ 'b': {} } ] };\n *
    *\n *\n *\nfunction unset(object, path) {\n  return object == null ? true : baseUnset(object, path);\n}\n\nmodule.exports
= unset;","var baseUpdate = require('./_baseUpdate'),\n  castFunction = require('./_castFunction');\n/**\n * This
method is like `_.set` except that accepts `updater` to produce the\n * value to set. Use `_.updateWith` to customize
`path` creation. The `updater`\n * is invoked with one argument: (value).\n *\n * **Note:** This method mutates
`object`.\n *\n * @static\n * @memberOf _\n * @since 4.6.0\n * @category Object\n * @param {Object} object
The object to modify.\n * @param {Array|string} path The path of the property to set.\n * @param {Function}
updater The function to produce the updated value.\n * @returns {Object} Returns `object`.\n * @example\n *\n *
var object = { 'a': [{ 'b': { 'c': 3 } } ] };\n *\n * _update(object, 'a[0].b.c', function(n) { return n * n; });\n *
console.log(object.a[0].b.c);\n * // => 9\n *\n * _update(object, 'x[0].y.z', function(n) { return n ? n + 1 : 0; });\n *
console.log(object.x[0].y.z);\n * // => 0\n *\n *\n *\nfunction update(object, path, updater) {\n  return object == null ?
object : baseUpdate(object, path, castFunction(updater));\n}\n\nmodule.exports = update;","var baseUpdate =
require('./_baseUpdate'),\n  castFunction = require('./_castFunction');\n/**\n * This method is like `_.update` except
that it accepts `customizer` which is\n * invoked to produce the objects of `path`. If `customizer` returns
`undefined`\n * path creation is handled by the method instead. The `customizer` is invoked\n * with three
arguments: (nsValue, key, nsObject).\n *\n * **Note:** This method mutates `object`.\n *\n * @static\n *
@memberOf _\n * @since 4.6.0\n * @category Object\n * @param {Object} object The object to modify.\n *
@param {Array|string} path The path of the property to set.\n * @param {Function} updater The function to
produce the updated value.\n * @param {Function} [customizer] The function to customize assigned values.\n *
@returns {Object} Returns `object`.\n * @example\n *\n * var object = {};\n *\n * _updateWith(object, '[0][1]',
_.constant('a'), Object);\n * // => { '0': { '1': 'a' } }\n *\n *\n *\nfunction updateWith(object, path, updater, customizer)
{\n  customizer = typeof customizer == 'function' ? customizer : undefined;\n  return object == null ? object :
baseUpdate(object, path, castFunction(updater), customizer);\n}\n\nmodule.exports = updateWith;","var baseValues
= require('./_baseValues'),\n  keys = require('./keys');\n/**\n * Creates an array of the own enumerable string keyed
property values of `object`.\n *\n * **Note:** Non-object values are coerced to objects.\n *\n * @static\n *
@since 0.1.0\n * @memberOf _\n * @category Object\n * @param {Object} object The object to query.\n * @returns
{Array} Returns the array of property values.\n * @example\n *\n * function Foo() {\n *   this.a = 1;\n *   this.b =
2;\n * }\n *\n * Foo.prototype.c = 3;\n *\n * _values(new Foo);\n * // => [1, 2] (iteration order is not guaranteed)\n *
_n * _values('hi');\n * // => ['h', 'i']\n *\n *\n *\nfunction values(object) {\n  return object == null ? [] :
baseValues(object);\n}\n\nmodule.exports = values;","var baseValues = require('./_baseValues'),\n  keysIn =
require('./keysIn');\n/**\n * Creates an array of the own and inherited enumerable string keyed property\n *
values of `object`.\n *\n * **Note:** Non-object values are coerced to objects.\n *\n * @static\n *
@memberOf _\n * @since 3.0.0\n * @category Object\n * @param {Object} object The object to query.\n * @returns
{Array} Returns the array of property values.\n * @example\n *\n * function Foo() {\n *   this.a = 1;\n *   this.b =
2;\n * }\n *\n * Foo.prototype.c = 3;\n *\n * _valuesIn(new Foo);\n * // => [1, 2, 3] (iteration order is not guaranteed)\n *
*\n *\n *\nfunction valuesIn(object) {\n  return object == null ? [] : baseValues(object,
keysIn(object));\n}\n\nmodule.exports = valuesIn;","var arrayWithHoles = require('./arrayWithHoles');\n\nvar
iterableToArrayLimit = require('./iterableToArrayLimit');\n\nvar nonIterableRest =
require('./nonIterableRest');\n\nfunction _slicedToArray(arr, i) {\n  return arrayWithHoles(arr) ||
iterableToArrayLimit(arr, i) || nonIterableRest();\n}\n\nmodule.exports = _slicedToArray;","function
_arrayWithHoles(arr) {\n  if (Array.isArray(arr)) return arr;\n}\n\nmodule.exports = _arrayWithHoles;","function
_iterableToArrayLimit(arr, i) {\n  var _arr = [];\n  var _n = true;\n  var _d = false;\n  var _e = undefined;\n  try {\n
for (var _i = arr[Symbol.iterator](), _s; !(_n = (_s = _i.next()).done); _n = true) {\n    _arr.push(_s.value);\n  }\n
if (i && _arr.length === i) break;\n  }\n  catch (err) {\n    _d = true;\n    _e = err;\n  }\n  finally {\n
try {\n    if (!_n && _i["return"] != null) _i["return"]();\n  }\n  finally {\n    if (_d) throw _e;\n  }\n  }\n  return
_arr;\n}\n\nmodule.exports = _iterableToArrayLimit;","function _nonIterableRest() {\n  throw new
TypeError("Invalid attempt to destructure non-iterable instance");\n}\n\nmodule.exports = _nonIterableRest;","use

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strict';\n\nmodule.exports = function (str) {\n  return encodeURIComponent(str).replace(/['()]/g, function (x) {\n
return \"%\".concat(x.charCodeAt(0).toString(16).toUpperCase());\n  });\n};","use strict';\n\nvar token = '%[a-f0-
9]{2}';\n\nvar singleMatcher = new RegExp(token, 'gi');\n\nvar multiMatcher = new RegExp('(' + token + ')+',
'gi');\n\nfunction decodeComponents(components, split) {\n  try {\n    // Try to decode the entire string first\n
return decodeURIComponent(components.join("")); \n  } catch (err) { // Do nothing\n  }\n\n  if (components.length
=== 1) {\n    return components;\n  }\n\n  split = split || 1; // Split the array in 2 parts\n\n  var left =
components.slice(0, split);\n  var right = components.slice(split);\n  return Array.prototype.concat.call([],
decodeComponents(left), decodeComponents(right));\n}\n\nfunction decode(input) {\n  try {\n    return
decodeURIComponent(input);\n  } catch (err) {\n    var tokens = input.match(singleMatcher);\n\n    for (var i = 1; i <
tokens.length; i++) {\n      input = decodeComponents(tokens, i).join("");\n      tokens =
input.match(singleMatcher);\n    }\n\n    return input;\n  }\n}\n\nfunction customDecodeURIComponent(input) {\n
// Keep track of all the replacements and prefill the map with the `BOM`\n  var replaceMap = {\n    '%FE%FF':
'\u0000\u0000',\n    '%FF%FE': '\u0000\u0000'\n  };\n  var match = multiMatcher.exec(input);\n  while
(match) {\n    try {\n      // Decode as big chunks as possible\n      replaceMap[match[0]] =
decodeURIComponent(match[0]);\n    } catch (err) {\n      var result = decode(match[0]);\n\n      if (result !==
match[0]) {\n        replaceMap[match[0]] = result;\n      }\n    }\n\n    match = multiMatcher.exec(input);\n  } // Add
`%C2` at the end of the map to make sure it does not replace the combinator before everything else\n\n  replaceMap['%C2'] =
'\u0000';\n  var entries = Object.keys(replaceMap);\n\n  for (var i = 0; i < entries.length;
i++) {\n    // Replace all decoded components\n    var key = entries[i];\n    input = input.replace(new RegExp(key,
'g'), replaceMap[key]);\n  }\n\n  return input;\n}\n\nmodule.exports = function (encodedURI) {\n  if (typeof
encodedURI !== 'string') {\n    throw new TypeError('Expected `encodedURI` to be of type `string`, got `' + typeof
encodedURI + '`');\n  }\n\n  try {\n    encodedURI = encodedURI.replace(/\\+/g, ''); // Try the built in decoder
first\n\n    return decodeURIComponent(encodedURI);\n  } catch (err) {\n    // Fallback to a more advanced
decoder\n    return customDecodeURIComponent(encodedURI);\n  }\n};","var baseSlice = require('./_baseSlice'),\n
isIterateeCall = require('./_isIterateeCall'),\n  toInteger = require('./_toInteger');\n\n/* Built-in method references for
those with the same name as other `lodash` methods. */\n\nvar nativeCeil = Math.ceil,\n  nativeMax =
Math.max;\n\n/**\n * Creates an array of elements split into groups the length of `size`. \n * If `array` can't be split
evenly, the final chunk will be the remaining \n * elements. \n *\n * @static\n * @memberOf _\n * @since 3.0.0\n *
@category Array\n * @param {Array} array The array to process. \n * @param {number} [size=1] The length of
each chunk \n * @param- {Object} [guard] Enables use as an iteratee for methods like `_.map`. \n * @returns
{Array} Returns the new array of chunks. \n * @example\n *\n * _._chunk(['a', 'b', 'c', 'd'], 2);\n * // => [['a', 'b'], ['c',
'd']]\n *\n * _._chunk(['a', 'b', 'c', 'd'], 3);\n * // => [['a', 'b', 'c'], ['d']]\n *\n\nfunction chunk(array, size, guard) {\n  if
(guard ? isIterateeCall(array, size, guard) : size === undefined) {\n    size = 1;\n  } else {\n    size =
nativeMax(toInteger(size), 0);\n  }\n\n  var length = array == null ? 0 : array.length;\n  if (!length || size < 1) {\n
return [];\n  }\n\n  var index = 0,\n    resIndex = 0,\n    result = Array(nativeCeil(length / size));\n\n  while (index
< length) {\n    result[resIndex++] = baseSlice(array, index, index += size);\n  }\n\n  return
result;\n}\n\nmodule.exports = chunk;","var toNumber = require('./_toNumber');\n\n/* Used as references for various
`Number` constants. */\n\nvar INFINITY = 1 / 0,\n  MAX_INTEGER = 1.7976931348623157e+308;\n\n/**\n * Converts `value` to a finite number. \n *\n * @static\n * @memberOf _\n * @since 4.12.0\n * @category Lang\n *
@param {*} value The value to convert. \n * @returns {number} Returns the converted number. \n * @example\n
*\n * _._toFinite(3.2);\n * // => 3.2\n *\n * _._toFinite(Number.MIN_VALUE);\n * // => 5e-324\n *\n *
._toFinite(Infinity);\n * // => 1.7976931348623157e+308\n *\n * _._toFinite('3.2');\n * // => 3.2\n *\n\nfunction
toFinite(value) {\n  if (!value) {\n    return value === 0 ? value : 0;\n  }\n\n  value = toNumber(value);\n\n  if (value
=== INFINITY || value === -INFINITY) {\n    var sign = value < 0 ? -1 : 1;\n    return sign * MAX_INTEGER;\n  }\n\n
return value === value ? value : 0;\n}\n\nmodule.exports = toFinite;","var isObject = require('./isObject'),\n
isSymbol = require('./isSymbol');\n\n/* Used as references for various `Number` constants. */\n\nvar NAN = 0 /
0;\n\n/* Used to match leading and trailing whitespace. */\n\nvar reTrim = /^\\s+|\\s+$/g;\n\n/* Used to detect bad
signed hexadecimal string values. */\n\nvar reIsBadHex = /^[+-]0x[0-9a-f]+$/i;\n\n/* Used to detect binary string

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values. */\n\nvar reIsBinary = /^0b[01]+$/i;\n\n/** Used to detect octal string values. */\n\nvar reIsOctal = /^0o[0-7]+$/i;\n\n/** Built-in method references without a dependency on `root`. */\n\nvar freeParseInt = parseInt;\n\n/**\n * Converts `value` to a number.\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Lang\n * @param {*} value The value to process.\n * @returns {number} Returns the number.\n * @example\n *\n * _toNumber(3.2);\n * // => 3.2\n *\n * _toNumber(Number.MIN_VALUE);\n * // => 5e-324\n *\n * _toNumber(Infinity);\n * // => Infinity\n *\n * _toNumber('3.2');\n * // => 3.2\n *\n\nfunction toNumber(value)\n{\n  if (typeof value == 'number') {\n    return value;\n  }\n\n  if (isSymbol(value)) {\n    return NaN;\n  }\n\n  if (isObject(value)) {\n    var other = typeof value.valueOf == 'function' ? value.valueOf() : value;\n    value = isObject(other) ? other + '' : other;\n  }\n\n  if (typeof value != 'string') {\n    return value === 0 ? value : +value;\n  }\n\n  value = value.replace(reTrim, '');\n  var isBinary = reIsBinary.test(value);\n  return isBinary || reIsOctal.test(value) ? freeParseInt(value.slice(2), isBinary ? 2 : 8) : reIsBadHex.test(value) ? NaN : +value;\n}\n\nmodule.exports = toNumber;","/**\n * Creates an array with all falsey values removed. The values `false`, `null`, `0`, `''`, `undefined`, and `NaN` are falsey.\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Array\n * @param {Array} array The array to compact.\n * @returns {Array} Returns the new array of filtered values.\n * @example\n *\n * _compact([0, 1, false, 2, '', 3]);\n * // => [1, 2, 3]\n *\n\nfunction compact(array)\n{\n  var index = -1,\n      length = array == null ? 0 : array.length,\n      resIndex = 0,\n      result = [];\n\n  while (++index < length) {\n    var value = array[index];\n\n    if (value) {\n      result[resIndex++] = value;\n    }\n  }\n\n  return result;\n}\n\nmodule.exports = compact;","var arrayPush = require('./_arrayPush'),\n    baseFlatten = require('./_baseFlatten'),\n    copyArray = require('./_copyArray'),\n    isArray = require('./isArray');\n\n/**\n * Creates a new array concatenating `array` with any additional arrays\n * and/or values.\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Array\n * @param {Array} array The array to concatenate.\n * @param {...*} [values] The values to concatenate.\n * @returns {Array} Returns the new concatenated array.\n * @example\n *\n * var array = [1];\n * var other = _.concat(array, 2, [3], [[4]]);\n *\n * console.log(other);\n * // => [1, 2, 3, [4]]\n *\n * console.log(array);\n * // => [1]\n *\n\nfunction concat() {\n  var length = arguments.length;\n\n  if (!length) {\n    return [];\n  }\n\n  var args = Array(length - 1),\n      array = arguments[0],\n      index = length;\n\n  while (index--) {\n    args[index - 1] = arguments[index];\n  }\n\n  return arrayPush(isArray(array) ? copyArray(array) : [array], baseFlatten(args, 1));\n}\n\nmodule.exports = concat;","var baseDifference = require('./_baseDifference'),\n    baseFlatten = require('./_baseFlatten'),\n    baseRest = require('./_baseRest'),\n    isArrayLikeObject = require('./isArrayLikeObject');\n\n/**\n * Creates an array of `array` values not included in the other given arrays\n * using `SameValueZero` (http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero)\n * for equality comparisons. The order and references of result values are\n * determined by the first array.\n * *Note:* Unlike `_.pullAll`, this method returns a new array.\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Array\n * @param {Array} array The array to inspect.\n * @param {...Array} [values] The values to exclude.\n * @returns {Array} Returns the new array of filtered values.\n * @see _.without, _.xor\n * @example\n *\n * _difference([2, 1], [2, 3]);\n * // => [1]\n *\n\nvar difference = baseRest(function (array, values) {\n  return isArrayLikeObject(array) ?\n    baseDifference(array, baseFlatten(values, 1, isArrayLikeObject, true)) : [];\n});\n\nmodule.exports = difference;","/**\n * A specialized version of `_.indexOf` which performs strict equality\n * comparisons of values, i.e. `===`.\n * @private\n * @param {Array} array The array to inspect.\n * @param {*} value The value to search for.\n * @param {number} fromIndex The index to search from.\n * @returns {number} Returns the index of the matched value, else `-1`.\n *\n\nfunction strictIndexOf(array, value, fromIndex)\n{\n  var index = fromIndex - 1,\n      length = array.length;\n\n  while (++index < length) {\n    if (array[index] === value) {\n      return index;\n    }\n  }\n\n  return -1;\n}\n\nmodule.exports = strictIndexOf;","var baseDifference = require('./_baseDifference'),\n    baseFlatten = require('./_baseFlatten'),\n    baseIteratee = require('./_baseIteratee'),\n    baseRest = require('./_baseRest'),\n    isArrayLikeObject = require('./isArrayLikeObject'),\n    last = require('./last');\n\n/**\n * This method is like `_.difference` except that it accepts `iteratee` which\n * is invoked for each element of `array` and `values` to generate the criterion\n * by which they're compared. The order and references of result values are\n * determined by the first array. The iteratee is invoked with one argument:\n * (value).\n * *Note:* Unlike

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`_.pullAllBy`, this method returns a new array.
 * @static
 * @memberOf _
 * @since 4.0.0
 * @category Array
 * @param {Array} array The array to inspect.
 * @param {...Array} [values] The values to exclude.
 * @param {Function} [iteratee=_identity] The iteratee invoked per element.
 * @returns {Array} Returns the new array of filtered values.
 * @example
 * _.differenceBy([2.1, 1.2], [2.3, 3.4], Math.floor);
 * // => [1.2]
 * // The `_.property` iteratee shorthand.
 * _.differenceBy([{ 'x': 2 }, { 'x': 1 }], [{ 'x': 1 }], 'x');
 * // => [{ 'x': 2 }]
 */
var differenceBy = baseRest(function (array, values) {
  var iteratee = last(values);
  if (isArrayLikeObject(iteratee)) {
    iteratee = undefined;
  }
  return isArrayLikeObject(array) ?
    baseDifference(array, baseFlatten(values, 1, isArrayLikeObject, true), baseIteratee(iteratee, 2)) :
    [];
});
module.exports = differenceBy;
var baseDifference = require('./_baseDifference'),
    baseFlatten = require('./_baseFlatten'),
    baseRest = require('./_baseRest'),
    isArrayLikeObject = require('./isArrayLikeObject'),
    last = require('./last');
/**
 * This method is like `_.difference` except that it
 * accepts `comparator` which is invoked to compare elements of `array` to `values`. The order and
 * references of result values are determined by the first array. The comparator is invoked with two arguments: (arrVal,
 * othVal).
 * **Note:** Unlike `_.pullAllWith`, this method returns a new array.
 * @static
 * @memberOf _
 * @since 4.0.0
 * @category Array
 * @param {Array} array The array to inspect.
 * @param {...Array} [values] The values to exclude.
 * @param {Function} [comparator] The comparator invoked per
 * element.
 * @returns {Array} Returns the new array of filtered values.
 * @example
 * var objects = [{ 'x': 1, 'y': 2 }, { 'x': 2, 'y': 1 }];
 * _.differenceWith(objects, [{ 'x': 1, 'y': 2 }], _isEqual);
 * // => [{ 'x': 2, 'y': 1 }]
 */
var differenceWith = baseRest(function (array, values) {
  var comparator = last(values);
  if (isArrayLikeObject(comparator)) {
    comparator = undefined;
  }
  return isArrayLikeObject(array) ?
    baseDifference(array, baseFlatten(values, 1, isArrayLikeObject, true), undefined, comparator) :
    [];
});
module.exports = differenceWith;
var baseSlice = require('./_baseSlice'),
    toInteger = require('./toInteger');
/**
 * Creates a slice of `array` with `n` elements dropped from the beginning.
 * @static
 * @memberOf _
 * @since 0.5.0
 * @category Array
 * @param {Array} array The array to query.
 * @param {number} [n=1] The number of elements to drop.
 * @param {Object} [guard] Enables use as an
 * iteratee for methods like `_.map`.
 * @returns {Array} Returns the slice of `array`.
 * @example
 * _.drop([1, 2, 3]);
 * // => [2, 3]
 * _.drop([1, 2, 3], 2);
 * // => [3]
 * _.drop([1, 2, 3], 5);
 * // => []
 * _.drop([1, 2, 3], 0);
 * // => [1, 2, 3]
 */
function drop(array, n, guard) {
  var length = array == null ?
    0 : array.length;
  if (!length) {
    return [];
  }
  n = guard || n === undefined ? 1 : toInteger(n);
  return baseSlice(array, n < 0 ? 0 : n, length);
}
module.exports = drop;
var baseSlice = require('./_baseSlice'),
    toInteger = require('./toInteger');
/**
 * Creates a slice of `array` with `n` elements dropped from the end.
 * @static
 * @memberOf _
 * @since 3.0.0
 * @category Array
 * @param {Array} array The array to query.
 * @param {number} [n=1] The number of elements to drop.
 * @param {Object} [guard] Enables use as an
 * iteratee for methods like `_.map`.
 * @returns {Array} Returns the slice of `array`.
 * @example
 * _.dropRight([1, 2, 3]);
 * // => [1, 2]
 * _.dropRight([1, 2, 3], 2);
 * // => [1]
 * _.dropRight([1, 2, 3], 5);
 * // => []
 * _.dropRight([1, 2, 3], 0);
 * // => [1, 2, 3]
 */
function dropRight(array, n, guard) {
  var length = array == null ? 0 : array.length;
  if (!length) {
    return [];
  }
  n = guard || n === undefined ? 1 : toInteger(n);
  n = length - n;
  return baseSlice(array, 0, n < 0 ? 0 : n);
}
module.exports = dropRight;
var baseIteratee = require('./_baseIteratee'),
    baseWhile = require('./_baseWhile');
/**
 * Creates a slice of `array` excluding elements dropped from the end.
 * Elements are dropped until `predicate` returns falsey.
 * The predicate is invoked with three arguments: (value, index, array).
 * @static
 * @memberOf _
 * @since 3.0.0
 * @category Array
 * @param {Array} array The array to query.
 * @param {Function} [predicate=_identity] The function invoked per iteration.
 * @returns {Array} Returns the slice of `array`.
 * @example
 * var users = [
 *   { 'user': 'barney', 'active': true },
 *   { 'user': 'fred', 'active': false },
 *   { 'user': 'pebbles', 'active': false }
 * ];
 * _.dropRightWhile(users, function(o) { return !o.active; });
 * // => objects for ['barney']
 * // The `_.matches` iteratee shorthand.
 * _.dropRightWhile(users, { 'user': 'pebbles', 'active': false });
 * // => objects for ['barney', 'fred']
 * // The `_.matchesProperty` iteratee shorthand.
 * _.dropRightWhile(users, ['active', false]);
 * // => objects for ['barney']
 * // The `_.property` iteratee

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shorthand.\n * _dropRightWhile(users, 'active');\n * // => objects for ['barney', 'fred', 'pebbles']\n *^\n\nfunction
dropRightWhile(array, predicate) {\n return array && array.length ? baseWhile(array, baseIteratee(predicate, 3),
true, true) : [];\n}\n\nmodule.exports = dropRightWhile;","var baseIteratee = require('./_baseIteratee'),\n
baseWhile = require('./_baseWhile');\n/**\n * Creates a slice of `array` excluding elements dropped from the
beginning.\n * Elements are dropped until `predicate` returns falsey. The predicate is\n * invoked with three
arguments: (value, index, array).\n * \n * @static\n * @memberOf _\n * @since 3.0.0\n * @category Array\n *
@param {Array} array The array to query.\n * @param {Function} [predicate=_identity] The function invoked per
iteration.\n * @returns {Array} Returns the slice of `array`.\n * @example\n * \n * var users = [\n *   { 'user':
'barney', 'active': false },\n *   { 'user': 'fred', 'active': false },\n *   { 'user': 'pebbles', 'active': true }\n * ];\n * \n *
_dropWhile(users, function(o) { return !o.active; });\n * // => objects for ['pebbles']\n * \n * // The `_.matches`
iteratee shorthand.\n * _dropWhile(users, { 'user': 'barney', 'active': false });\n * // => objects for ['fred', 'pebbles']\n
*\n * // The `_.matchesProperty` iteratee shorthand.\n * _dropWhile(users, ['active', false]);\n * // => objects for
['pebbles']\n * \n * // The `_.property` iteratee shorthand.\n * _dropWhile(users, 'active');\n * // => objects for
['barney', 'fred', 'pebbles']\n *^\n\nfunction dropWhile(array, predicate) {\n return array && array.length ?
baseWhile(array, baseIteratee(predicate, 3), true) : [];\n}\n\nmodule.exports = dropWhile;","var baseFill =
require('./_baseFill'),\n isIterateeCall = require('./_isIterateeCall');\n/**\n * Fills elements of `array` with `value`
from `start` up to, but not\n * including, `end`.\n * \n * **Note:** This method mutates `array`.\n * \n * @static\n *
@memberOf _\n * @since 3.2.0\n * @category Array\n * @param {Array} array The array to fill.\n * @param {*}
value The value to fill `array` with.\n * @param {number} [start=0] The start position.\n * @param {number}
[end=array.length] The end position.\n * @returns {Array} Returns `array`.\n * @example\n * \n * var array = [1, 2,
3];\n * \n * _fill(array, 'a');\n * console.log(array);\n * // => ['a', 'a', 'a']\n * \n * _fill(Array(3), 2);\n * // => [2, 2, 2]\n
*\n * _fill([4, 6, 8, 10], '*', 1, 3);\n * // => [4, '*', '*', 10]\n *^\n\nfunction fill(array, value, start, end) {\n var
length = array == null ? 0 : array.length;\n\n if (!length) {\n return []; }\n\n if (start && typeof start != 'number'
&& isIterateeCall(array, value, start)) {\n start = 0;\n end = length;\n }\n\n return baseFill(array, value, start,
end);\n}\n\nmodule.exports = fill;","var toInteger = require('./toInteger'),\n toLength = require('./toLength');\n/**\n * The base implementation of `_.fill` without an iteratee call guard.\n * \n * @private\n * @param {Array} array The
array to fill.\n * @param {*} value The value to fill `array` with.\n * @param {number} [start=0] The start
position.\n * @param {number} [end=array.length] The end position.\n * @returns {Array} Returns `array`.\n
*\n *^\n\nfunction baseFill(array, value, start, end) {\n var length = array.length;\n start = toInteger(start);\n\n if
(start < 0) {\n start = -start > length ? 0 : length + start;\n }\n\n end = end === undefined || end > length ? length :
toInteger(end);\n\n if (end < 0) {\n end += length;\n }\n\n end = start > end ? 0 : toLength(end);\n\n while (start
< end) {\n array[start++] = value;\n }\n\n return array;\n}\n\nmodule.exports = baseFill;","var baseClamp =
require('./_baseClamp'),\n toInteger = require('./toInteger');\n/**\n * Used as references for the maximum length and
index of an array. *\n *^\n\nvar MAX_ARRAY_LENGTH = 4294967295;\n/**\n * Converts `value` to an integer
suitable for use as the length of an\n * array-like object.\n * \n * **Note:** This method is based on\n *
[ToLength](http://ecma-international.org/ecma-262/7.0/#sec-tolength).\n * \n * @static\n * @memberOf _\n *
@since 4.0.0\n * @category Lang\n * @param {*} value The value to convert.\n * @returns {number} Returns the
converted integer.\n * @example\n * \n * _toLength(3.2);\n * // => 3\n * \n * _toLength(Number.MIN_VALUE);\n
* // => 0\n * \n * _toLength(Infinity);\n * // => 4294967295\n * \n * _toLength('3.2');\n * // => 3\n *^\n\nfunction
toLength(value) {\n return value ? baseClamp(toInteger(value), 0, MAX_ARRAY_LENGTH) :
0;\n}\n\nmodule.exports = toLength;","/**\n * The base implementation of `_.clamp` which doesn't coerce
arguments.\n * \n * @private\n * @param {number} number The number to clamp.\n * @param {number} [lower]
The lower bound.\n * @param {number} upper The upper bound.\n * @returns {number} Returns the clamped
number.\n *^\n\nfunction baseClamp(number, lower, upper) {\n if (number === number) {\n if (upper !==
undefined) {\n number = number <= upper ? number : upper;\n }\n\n if (lower !== undefined) {\n number
= number >= lower ? number : lower;\n }\n }\n\n return number;\n}\n\nmodule.exports = baseClamp;","var
baseFindIndex = require('./_baseFindIndex'),\n baseIteratee = require('./_baseIteratee'),\n toInteger =
require('./toInteger');\n/**\n * Built-in method references for those with the same name as other `lodash` methods.

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*/\n\nnvar nativeMax = Math.max;\n/**\n * This method is like `_.find` except that it returns the index of the first\n * element `predicate` returns truthy for instead of the element itself.\n * \n * @static\n * @memberOf _\n * @since 1.1.0\n * @category Array\n * @param {Array} array The array to inspect.\n * @param {Function} [predicate=_identity] The function invoked per iteration.\n * @param {number} [fromIndex=0] The index to search from.\n * @returns {number} Returns the index of the found element, else `-1`.\n * @example\n * \n * var users = [\n *   { 'user': 'barney', 'active': false },\n *   { 'user': 'fred', 'active': false },\n *   { 'user': 'pebbles', 'active': true } ]\n * \n * _findIndex(users, function(o) { return o.user == 'barney'; });\n * // => 0\n * \n * // The `_.matches` iteratee shorthand.\n * _findIndex(users, { 'user': 'fred', 'active': false });\n * // => 1\n * \n * // The `_.matchesProperty` iteratee shorthand.\n * _findIndex(users, ['active', false]);\n * // => 0\n * \n * // The `_.property` iteratee shorthand.\n * _findIndex(users, 'active');\n * // => 2\n */\n\nfunction findIndex(array, predicate, fromIndex) {\n  var length = array == null ? 0 : array.length;\n  if (!length) {\n    return -1;\n  }\n  var index = fromIndex == null ? 0 : toInteger(fromIndex);\n  if (index < 0) {\n    index = nativeMax(length + index, 0);\n  }\n  return baseFindIndex(array, baseIteratee(predicate, 3), index);\n}\n\nmodule.exports = findIndex;\n\nvar baseFindIndex = require('./_baseFindIndex'),\n    baseIteratee = require('./_baseIteratee'),\n    toInteger = require('./toInteger');\n\n/* Built-in method references for those with the same name as other `lodash` methods. */\n\nvar nativeMax = Math.max,\n    nativeMin = Math.min;\n\n/**\n * This method is like `_.findIndex` except that it iterates over elements\n * of `collection` from right to left.\n * \n * @static\n * @memberOf _\n * @since 2.0.0\n * @category Array\n * @param {Array} array The array to inspect.\n * @param {Function} [predicate=_identity] The function invoked per iteration.\n * @param {number} [fromIndex=array.length-1] The index to search from.\n * @returns {number} Returns the index of the found element, else `-1`.\n * @example\n * \n * var users = [\n *   { 'user': 'barney', 'active': true },\n *   { 'user': 'fred', 'active': false },\n *   { 'user': 'pebbles', 'active': false } ]\n * \n * _findLastIndex(users, function(o) { return o.user == 'pebbles'; });\n * // => 2\n * \n * // The `_.matches` iteratee shorthand.\n * _findLastIndex(users, { 'user': 'barney', 'active': true });\n * // => 0\n * \n * // The `_.matchesProperty` iteratee shorthand.\n * _findLastIndex(users, ['active', false]);\n * // => 2\n * \n * // The `_.property` iteratee shorthand.\n * _findLastIndex(users, 'active');\n * // => 0\n */\n\nfunction findLastIndex(array, predicate, fromIndex) {\n  var length = array == null ? 0 : array.length;\n  if (!length) {\n    return -1;\n  }\n  var index = length - 1;\n  if (fromIndex !== undefined) {\n    index = toInteger(fromIndex);\n    index = fromIndex < 0 ? nativeMax(length + index, 0) : nativeMin(index, length - 1);\n  }\n  return baseFindIndex(array, baseIteratee(predicate, 3), index, true);\n}\n\nmodule.exports = findLastIndex;\n\nvar baseFlatten = require('./_baseFlatten');\n\n/** Used as references for various `Number` constants. */\n\nvar INFINITY = 1 / 0;\n\n/**\n * Recursively flattens `array`.\n * \n * @static\n * @memberOf _\n * @since 3.0.0\n * @category Array\n * @param {Array} array The array to flatten.\n * @returns {Array} Returns the new flattened array.\n * @example\n * \n * _flattenDeep([1, [2, [3, [4]], 5]]);\n * // => [1, 2, 3, 4, 5]\n */\n\nfunction flattenDeep(array) {\n  var length = array == null ? 0 : array.length;\n  return length ? baseFlatten(array, INFINITY) : [];\n}\n\nmodule.exports = flattenDeep;\n\nvar baseFlatten = require('./_baseFlatten'),\n    toInteger = require('./toInteger');\n\n/**\n * Recursively flatten `array` up to `depth` times.\n * \n * @static\n * @memberOf _\n * @since 4.4.0\n * @category Array\n * @param {Array} array The array to flatten.\n * @param {number} [depth=1] The maximum recursion depth.\n * @returns {Array} Returns the new flattened array.\n * @example\n * \n * var array = [1, [2, [3, [4]], 5]];\n * _flattenDepth(array, 1);\n * // => [1, 2, [3, [4]], 5]\n * \n * _flattenDepth(array, 2);\n * // => [1, 2, 3, [4], 5]\n */\n\nfunction flattenDepth(array, depth) {\n  var length = array == null ? 0 : array.length;\n  if (!length) {\n    return [];\n  }\n  depth = depth === undefined ? 1 : toInteger(depth);\n  return baseFlatten(array, depth);\n}\n\nmodule.exports = flattenDepth;\n\n/**\n * The inverse of `_.toPairs`; this method returns an object composed\n * from key-value `pairs`.\n * \n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Array\n * @param {Array} pairs The key-value pairs.\n * @returns {Object} Returns the new object.\n * @example\n * \n * _fromPairs([[ 'a', 1 ], [ 'b', 2 ]]);\n * // => { 'a': 1, 'b': 2 }\n */\n\nfunction fromPairs(pairs) {\n  var index = -1,\n      length = pairs == null ? 0 : pairs.length,\n      result = {};\n  while (++index < length) {\n    var pair = pairs[index];\n    result[pair[0]] = pair[1];\n  }\n  return result;\n}\n\nmodule.exports = fromPairs;\n\nvar baseIndexOf = require('./_baseIndexOf'),\n    toInteger =

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require('./toInteger');\n\n * Built-in method references for those with the same name as other `lodash` methods.
*\n\n\nvar nativeMax = Math.max;\n\n * Gets the index at which the first occurrence of `value` is found in
`array`\n * using [SameValueZero](http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero)\n * for
equality comparisons. If `fromIndex` is negative, it's used as the\n * offset from the end of `array`.\n * \n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Array\n * @param {Array} array The array to inspect.\n *
@param {*} value The value to search for.\n * @param {number} [fromIndex=0] The index to search from.\n *
@returns {number} Returns the index of the matched value, else `-1`.\n * @example\n * \n * _indexOf([1, 2, 1, 2],
2);\n * // => 1\n * \n * // Search from the `fromIndex`.\n * _indexOf([1, 2, 1, 2], 2, 2);\n * // => 3\n *\n\nfunction
indexOf(array, value, fromIndex) {\n  var length = array == null ? 0 : array.length;\n\n  if (!length) {\n    return -1;\n
  }\n\n  var index = fromIndex == null ? 0 : toInteger(fromIndex);\n\n  if (index < 0) {\n    index = nativeMax(length
+ index, 0);\n  }\n\n  return baseIndexOf(array, value, index);\n}\n\nmodule.exports = indexOf;","var baseSlice =
require('./_baseSlice');\n\n * Gets all but the last element of `array`.\n * \n * @static\n * @memberOf _\n *
@since 0.1.0\n * @category Array\n * @param {Array} array The array to query.\n * @returns {Array} Returns the
slice of `array`.\n * @example\n * \n * _initial([1, 2, 3]);\n * // => [1, 2]\n *\n\nfunction initial(array) {\n  var
length = array == null ? 0 : array.length;\n  return length ? baseSlice(array, 0, -1) : [];\n}\n\nmodule.exports =
initial;","var arrayMap = require('./_arrayMap'),\n  baseIntersection = require('./_baseIntersection'),\n  baseRest =
require('./_baseRest'),\n  castArrayLikeObject = require('./_castArrayLikeObject');\n\n * Creates an array of
unique values that are included in all given arrays\n * using [SameValueZero](http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero)\n * for equality comparisons. The order and references of result values are\n *
determined by the first array.\n * \n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Array\n * @param
{...Array} [arrays] The arrays to inspect.\n * @returns {Array} Returns the new array of intersecting values.\n *
@example\n * \n * _intersection([2, 1], [2, 3]);\n * // => [2]\n *\n\nvar intersection = baseRest(function (arrays)
{\n  var mapped = arrayMap(arrays, castArrayLikeObject);\n  return mapped.length && mapped[0] === arrays[0] ?
baseIntersection(mapped) : [];\n});\n\nmodule.exports = intersection;","var arrayMap = require('./_arrayMap'),\n
baseIntersection = require('./_baseIntersection'),\n  baseIteratee = require('./_baseIteratee'),\n  baseRest =
require('./_baseRest'),\n  castArrayLikeObject = require('./_castArrayLikeObject'),\n  last = require('./last');\n\n * This method is like `_intersection` except that it accepts `iteratee`\n * which is invoked for each element of each
`arrays` to generate the criterion\n * by which they're compared. The order and references of result values are\n *
determined by the first array. The iteratee is invoked with one argument:\n * (value).\n * \n * @static\n *
@memberOf _\n * @since 4.0.0\n * @category Array\n * @param {...Array} [arrays] The arrays to inspect.\n *
@param {Function} [iteratee=_identity] The iteratee invoked per element.\n * @returns {Array} Returns the new
array of intersecting values.\n * @example\n * \n * _intersectionBy([2.1, 1.2], [2.3, 3.4], Math.floor);\n * // =>
[2.1]\n * \n * // The `_.property` iteratee shorthand.\n * _intersectionBy([{ 'x': 1 }], [{ 'x': 2 }, { 'x': 1 }], 'x');\n * //
=> [{ 'x': 1 }]\n *\n\nvar intersectionBy = baseRest(function (arrays) {\n  var iteratee = last(arrays),\n    mapped
= arrayMap(arrays, castArrayLikeObject);\n\n  if (iteratee === last(mapped)) {\n    iteratee = undefined;\n  } else {\n
mapped.pop();\n  }\n\n  return mapped.length && mapped[0] === arrays[0] ? baseIntersection(mapped,
baseIteratee(iteratee, 2)) : [];\n});\n\nmodule.exports = intersectionBy;","var arrayMap = require('./_arrayMap'),\n
baseIntersection = require('./_baseIntersection'),\n  baseRest = require('./_baseRest'),\n  castArrayLikeObject =
require('./_castArrayLikeObject'),\n  last = require('./last');\n\n * This method is like `_intersection` except that
it accepts `comparator`\n * which is invoked to compare elements of `arrays`. The order and references\n * of result
values are determined by the first array. The comparator is\n * invoked with two arguments: (arrVal, othVal).\n * \n *
@static\n * @memberOf _\n * @since 4.0.0\n * @category Array\n * @param {...Array} [arrays] The arrays to
inspect.\n * @param {Function} [comparator] The comparator invoked per element.\n * @returns {Array} Returns
the new array of intersecting values.\n * @example\n * \n * var objects = [{ 'x': 1, 'y': 2 }, { 'x': 2, 'y': 1 }];\n * var
others = [{ 'x': 1, 'y': 1 }, { 'x': 1, 'y': 2 }];\n * \n * _intersectionWith(objects, others, _isEqual);\n * // =>
[{ 'x': 1, 'y':
2 }]\n *\n\nvar intersectionWith = baseRest(function (arrays) {\n  var comparator = last(arrays),\n    mapped =
arrayMap(arrays, castArrayLikeObject);\n\n  comparator = typeof comparator == 'function' ? comparator :
undefined;\n\n  if (comparator) {\n    mapped.pop();\n  }\n\n  return mapped.length && mapped[0] === arrays[0] ?

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baseIntersection(mapped, undefined, comparator) : [];\n});\nmodule.exports = intersectionWith;"/** Used for
built-in method references. */\nvar arrayProto = Array.prototype;\n/** Built-in method references for those with the
same name as other `lodash` methods. */\n\nvar nativeJoin = arrayProto.join;\n/**\n * Converts all elements in
`array` into a string separated by `separator`.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category
Array\n * @param {Array} array The array to convert.\n * @param {string} [separator=','] The element separator.\n
* @returns {string} Returns the joined string.\n * @example\n *\n * _join(['a', 'b', 'c'], '~');\n * // => 'a~b~c'\n
*/\n\nfunction join(array, separator) {\n  return array == null ? '' : nativeJoin.call(array,
separator);\n}\n\nmodule.exports = join;","var baseFindIndex = require('./_baseFindIndex'),\n  baseIsNaN =
require('./_baseIsNaN'),\n  strictLastIndexOf = require('./_strictLastIndexOf'),\n  toInteger =
require('./_toInteger');\n/** Built-in method references for those with the same name as other `lodash` methods.
*/\n\nvar nativeMax = Math.max,\n  nativeMin = Math.min;\n/**\n * This method is like `_.indexOf` except that
it iterates over elements of\n * `array` from right to left.\n *\n * @static\n * @memberOf _\n * @since 0.1.0\n *
@category Array\n * @param {Array} array The array to inspect.\n * @param {*} value The value to search for.\n
* @param {number} [fromIndex=array.length-1] The index to search from.\n * @returns {number} Returns the
index of the matched value, else `-1`.\n * @example\n *\n * _lastIndexOf([1, 2, 1, 2], 2);\n * // => 3\n *\n * //
Search from the `fromIndex`.\n * _lastIndexOf([1, 2, 1, 2], 2, 2);\n * // => 1\n */\n\nfunction lastIndexOf(array,
value, fromIndex) {\n  var length = array == null ? 0 : array.length;\n\n  if (!length) {\n    return -1;\n  }\n\n  var
index = length;\n\n  if (fromIndex !== undefined) {\n    index = toInteger(fromIndex);\n    index = index < 0 ?
nativeMax(length + index, 0) : nativeMin(index, length - 1);\n  }\n\n  return value === value ?
strictLastIndexOf(array, value, index) : baseFindIndex(array, baseIsNaN, index, true);\n}\n\nmodule.exports =
lastIndexOf;"/**\n * A specialized version of `_.lastIndexOf` which performs strict equality\n * comparisons of
values, i.e. `===`.\n *\n * @private\n * @param {Array} array The array to inspect.\n * @param {*} value The
value to search for.\n * @param {number} fromIndex The index to search from.\n * @returns {number} Returns the
index of the matched value, else `-1`.\n */\n\nfunction strictLastIndexOf(array, value, fromIndex) {\n  var index =
fromIndex + 1;\n\n  while (index-- > 0) {\n    if (array[index] === value) {\n      return index;\n    }\n  }\n\n  return
index;\n}\n\nmodule.exports = strictLastIndexOf;","var baseNth = require('./_baseNth'),\n  toInteger =
require('./_toInteger');\n/**\n * Gets the element at index `n` of `array`. If `n` is negative, the nth\n * element from the
end is returned.\n *\n * @static\n * @memberOf _\n * @since 4.11.0\n * @category Array\n * @param {Array}
array The array to query.\n * @param {number} [n=0] The index of the element to return.\n * @returns {*} Returns
the nth element of `array`.\n * @example\n *\n * var array = ['a', 'b', 'c', 'd'];\n * _nth(array, 1);\n * // => 'b'\n *\n *
_nth(array, -2);\n * // => 'c';\n */\n\nfunction nth(array, n) {\n  return array && array.length ? baseNth(array,
toInteger(n)) : undefined;\n}\n\nmodule.exports = nth;","var isIndex = require('./_isIndex');\n/**\n * The base
implementation of `_.nth` which doesn't coerce arguments.\n *\n * @private\n * @param {Array} array The array to
query.\n * @param {number} n The index of the element to return.\n * @returns {*} Returns the nth element of
`array`.\n */\n\nfunction baseNth(array, n) {\n  var length = array.length;\n\n  if (!length) {\n    return;\n  }\n\n  n
+= n < 0 ? length : 0;\n  return isIndex(n, length) ? array[n] : undefined;\n}\n\nmodule.exports = baseNth;","var
baseRest = require('./_baseRest'),\n  pullAll = require('./pullAll');\n/**\n * Removes all given values from `array`
using\n * `SameValueZero` (http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero)\n * for equality
comparisons.\n *\n * **Note:** Unlike `_.without`, this method mutates `array`. Use `_.remove` to remove
elements from an array by predicate.\n *\n * @static\n * @memberOf _\n * @since 2.0.0\n * @category Array\n *
@param {Array} array The array to modify.\n * @param {...*} [values] The values to remove.\n * @returns
{Array} Returns `array`.\n * @example\n *\n * var array = ['a', 'b', 'c', 'a', 'b', 'c'];\n * _pull(array, 'a', 'c');\n *
console.log(array);\n * // => ['b', 'b']\n */\n\nvar pull = baseRest(pullAll);\n\nmodule.exports = pull;"/**\n * This
function is like `baseIndexOf` except that it accepts a comparator.\n *\n * @private\n * @param {Array} array The
array to inspect.\n * @param {*} value The value to search for.\n * @param {number} fromIndex The index to
search from.\n * @param {Function} comparator The comparator invoked per element.\n * @returns {number}
Returns the index of the matched value, else `-1`.\n */\n\nfunction baseIndexOfWith(array, value, fromIndex,
comparator) {\n  var index = fromIndex - 1,\n      length = array.length;\n\n  while (++index < length) {\n    if

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(comparator(array[index], value)) {\n  return index;\n };\n\n return -1;\n}\n\nmodule.exports =
baseIndexOfWith;","var baseIteratee = require('./_baseIteratee'),\n basePullAll = require('./_basePullAll');\n/**\n *
This method is like `_.pullAll` except that it accepts `iteratee` which is\n * invoked for each element of `array` and
`values` to generate the criterion\n * by which they're compared. The iteratee is invoked with one argument:
(value).\n *\n * **Note:** Unlike `_.differenceBy`, this method mutates `array`.\n *\n * @static\n * @memberOf
_\n * @since 4.0.0\n * @category Array\n * @param {Array} array The array to modify.\n * @param {Array}
values The values to remove.\n * @param {Function} [iteratee=_identity] The iteratee invoked per element.\n *
@return {Array} Returns `array`.\n *\n * @example\n *\n * var array = [{ 'x': 1 }, { 'x': 2 }, { 'x': 3 }, { 'x': 1 }];\n *\n *
_.pullAllBy(array, [{ 'x': 1 }, { 'x': 3 }], 'x');\n * console.log(array);\n * // => [{ 'x': 2 }]\n *\n\nfunction
pullAllBy(array, values, iteratee) {\n  return array && array.length && values && values.length ?
basePullAll(array, values, baseIteratee(iteratee, 2)) : array;\n}\n\nmodule.exports = pullAllBy;","var basePullAll =
require('./_basePullAll');\n/**\n *
This method is like `_.pullAll` except that it accepts `comparator` which\n * is
invoked to compare elements of `array` to `values`. The comparator is\n * invoked with two arguments: (arrVal,
othVal).\n *\n * **Note:** Unlike `_.differenceWith`, this method mutates `array`.\n *\n * @static\n * @memberOf
_\n * @since 4.6.0\n * @category Array\n * @param {Array} array The array to modify.\n * @param {Array}
values The values to remove.\n * @param {Function} [comparator] The comparator invoked per element.\n *
@return {Array} Returns `array`.\n *\n * @example\n *\n * var array = [{ 'x': 1, 'y': 2 }, { 'x': 3, 'y': 4 }, { 'x': 5, 'y': 6
}];\n *\n * _.pullAllWith(array, [{ 'x': 3, 'y': 4 }], _isEqual);\n * console.log(array);\n * // => [{ 'x': 1, 'y': 2 }, { 'x':
5, 'y': 6 }]\n *\n\nfunction pullAllWith(array, values, comparator) {\n  return array && array.length && values
&& values.length ? basePullAll(array, values, undefined, comparator) : array;\n}\n\nmodule.exports =
pullAllWith;","var arrayMap = require('./_arrayMap'),\n baseAt = require('./_baseAt'),\n basePullAt =
require('./_basePullAt'),\n compareAscending = require('./_compareAscending'),\n flatRest =
require('./_flatRest'),\n isIndex = require('./_isIndex');\n/**\n *
Removes elements from `array` corresponding to
`indexes` and returns an\n * array of removed elements.\n *\n * **Note:** Unlike `_.at`, this method mutates
`array`.\n *\n * @static\n * @memberOf _\n * @since 3.0.0\n * @category Array\n * @param {Array} array The
array to modify.\n * @param {...(number|number[])} [indexes] The indexes of elements to remove.\n * @returns
{Array} Returns the new array of removed elements.\n *\n * @example\n *\n * var array = ['a', 'b', 'c', 'd'];\n * var
pulled = _.pullAt(array, [1, 3]);\n *\n * console.log(array);\n * // => ['a', 'c']\n *\n * console.log(pulled);\n * // =>
['b', 'd']\n *\n\nvar pullAt = flatRest(function (array, indexes) {\n  var length = array == null ? 0 : array.length,\n
result = baseAt(array, indexes);\n  basePullAt(array, arrayMap(indexes, function (index) {\n    return isIndex(index,
length) ? +index : index;\n })).sort(compareAscending);\n  return result;\n});\n\nmodule.exports = pullAt;","var
isSymbol = require('./_isSymbol');\n/**\n *
Compares values to sort them in ascending order.\n *\n * @private\n *
@param {*} value The value to compare.\n * @param {*} other The other value to compare.\n * @returns
{number} Returns the sort order indicator for `value`.\n *\n\nfunction compareAscending(value, other) {\n  if
(value !== other) {\n    var valIsDefined = value !== undefined,\n        valIsNull = value === null,\n
valIsReflexive = value === value,\n        valIsSymbol = isSymbol(value);\n    var othIsDefined = other !==
undefined,\n        othIsNull = other === null,\n        othIsReflexive = other === other,\n        othIsSymbol =
isSymbol(other);\n    if (!othIsNull && !othIsSymbol && !valIsSymbol && value > other || valIsSymbol &&
othIsDefined && othIsReflexive && !othIsNull && !othIsSymbol || valIsNull && othIsDefined && othIsReflexive
|| !valIsDefined && othIsReflexive || !valIsReflexive) {\n      return 1;\n    }\n    if (!valIsNull && !valIsSymbol
&& !othIsSymbol && value < other || othIsSymbol && valIsDefined && valIsReflexive && !valIsNull &&
!valIsSymbol || othIsNull && valIsDefined && valIsReflexive || !othIsDefined && valIsReflexive ||
!othIsReflexive) {\n      return -1;\n    }\n  }\n  return 0;\n}\n\nmodule.exports = compareAscending;","var
baseIteratee = require('./_baseIteratee'),\n basePullAt = require('./_basePullAt');\n/**\n *
Removes all elements
from `array` that `predicate` returns truthy for\n * and returns an array of the removed elements. The predicate is
invoked\n * with three arguments: (value, index, array).\n *\n * **Note:** Unlike `_.filter`, this method mutates
`array`. Use `_.pull` to pull elements from an array by value.\n *\n * @static\n * @memberOf _\n * @since
2.0.0\n * @category Array\n * @param {Array} array The array to modify.\n * @param {Function}

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[predicate=_identity] The function invoked per iteration.\n * @returns {Array} Returns the new array of removed
elements.\n * @example\n *\n * var array = [1, 2, 3, 4];\n * var evens = _.remove(array, function(n) {\n *   return n
% 2 == 0;\n * });\n *\n * console.log(array);\n * // => [1, 3]\n *\n * console.log(evens);\n * // => [2, 4]\n
*\n *\n *function remove(array, predicate) {\n *  var result = [];\n *  if (!(array && array.length)) {\n *    return result;\n
*  }\n *  var index = -1,\n *    indexes = [],\n *    length = array.length;\n *  predicate = baseIteratee(predicate, 3);\n *  while (++index < length) {\n *    var value = array[index];\n *    if (predicate(value, index, array)) {\n
*      result.push(value);\n *      indexes.push(index);\n *    }\n *  }\n *  return basePullAt(array, indexes);\n *  return
result;\n *}\n *\n *module.exports = remove;","** Used for built-in method references. *\n *\n *var arrayProto =
Array.prototype;\n *\n * Built-in method references for those with the same name as other `lodash` methods. *\n *\n *var
nativeReverse = arrayProto.reverse;\n *\n **\n * Reverses `array` so that the first element becomes the last, the
second\n * element becomes the second to last, and so on.\n *\n **\n * Note: This method mutates `array` and is
based on\n * [Array#reverse](https://mdn.io/Array/reverse).\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n
* @category Array\n * @param {Array} array The array to modify.\n * @returns {Array} Returns `array`.\n *
*\n * @example\n *\n * var array = [1, 2, 3];\n * _reverse(array);\n * // => [3, 2, 1]\n *\n * console.log(array);\n * //
=> [3, 2, 1]\n *\n *function reverse(array) {\n *  return array == null ? array :
nativeReverse.call(array);\n *}\n *\n *module.exports = reverse;","var baseSlice = require('./_baseSlice'),\n
isIterateeCall = require('./_isIterateeCall'),\n * toInteger = require('./toInteger');\n *\n **\n * Creates a slice of `array`
from `start` up to, but not including, `end`.\n *\n **\n * Note: This method is used instead of\n *
[Array#slice](https://mdn.io/Array/slice) to ensure dense arrays are\n * returned.\n *\n * @static\n * @memberOf
_\n * @since 3.0.0\n * @category Array\n * @param {Array} array The array to slice.\n * @param {number}
[start=0] The start position.\n * @param {number} [end=array.length] The end position.\n * @returns {Array}
Returns the slice of `array`.\n *\n *function slice(array, start, end) {\n *  var length = array == null ? 0 :
array.length;\n *  if (!length) {\n *    return [];\n *  }\n *  if (end && typeof end != 'number' && isIterateeCall(array,
start, end)) {\n *    start = 0;\n *    end = length;\n *  } else {\n *    start = start == null ? 0 : toInteger(start);\n *
end = end === undefined ? length : toInteger(end);\n *  }\n *  return baseSlice(array, start, end);\n *}\n *\n *module.exports =
slice;","var baseSortedIndex = require('./_baseSortedIndex');\n *\n **\n * Uses a binary search to determine the lowest
index at which `value` should be inserted into `array` in order to maintain its sort order.\n *\n * @static\n *
@memberOf _\n * @since 0.1.0\n * @category Array\n * @param {Array} array The sorted array to inspect.\n *
@param {*} value The value to evaluate.\n * @returns {number} Returns the index at which `value` should be
inserted\n * into `array`.\n *\n * @example\n *\n * _sortedIndex([30, 50], 40);\n * // => 1\n *\n *function
sortedIndex(array, value) {\n *  return baseSortedIndex(array, value);\n *}\n *\n *module.exports = sortedIndex;","var
baseIteratee = require('./_baseIteratee'),\n * baseSortedIndexBy = require('./_baseSortedIndexBy');\n *\n **\n * This
method is like `_.sortedIndex` except that it accepts `iteratee` which is invoked for `value` and each element of
`array` to compute their\n * sort ranking. The iteratee is invoked with one argument: (value).\n *\n * @static\n *
@memberOf _\n * @since 4.0.0\n * @category Array\n * @param {Array} array The sorted array to inspect.\n *
@param {*} value The value to evaluate.\n * @param {Function} [iteratee=_identity] The iteratee invoked per
element.\n * @returns {number} Returns the index at which `value` should be inserted\n * into `array`.\n *
*\n * @example\n *\n * var objects = [{ 'x': 4 }, { 'x': 5 }];\n * _sortedIndexBy(objects, { 'x': 4 }, function(o) { return
o.x; });\n * // => 0\n *\n * // The `_.property` iteratee shorthand.\n * _sortedIndexBy(objects, { 'x': 4 }, 'x');\n * //
=> 0\n *\n *function sortedIndexBy(array, value, iteratee) {\n *  return baseSortedIndexBy(array, value,
baseIteratee(iteratee, 2));\n *}\n *\n *module.exports = sortedIndexBy;","var baseSortedIndex =
require('./_baseSortedIndex'),\n * eq = require('./eq');\n *\n **\n * This method is like `_.indexOf` except that it
performs a binary\n * search on a sorted `array`.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category
Array\n * @param {Array} array The array to inspect.\n * @param {*} value The value to search for.\n * @returns
{number} Returns the index of the matched value, else `-1`.\n *\n * @example\n *\n * _sortedIndexOf([4, 5, 5, 5, 6],
5);\n * // => 1\n *\n *function sortedIndexOf(array, value) {\n *  var length = array == null ? 0 : array.length;\n *
if (length) {\n *    var index = baseSortedIndex(array, value);\n *    if (index < length && eq(array[index], value)) {\n
return index;\n *    }\n *  }\n *  return -1;\n *}\n *\n *module.exports = sortedIndexOf;","var baseSortedIndex =

```

```

require('./_baseSortedIndex');\n/**\n * This method is like `_.sortedIndex` except that it returns the highest\n * index
at which `value` should be inserted into `array` in order to\n * maintain its sort order.\n *\n * @static\n *
@memberOf _\n * @since 3.0.0\n * @category Array\n * @param {Array} array The sorted array to inspect.\n *
@param {*} value The value to evaluate.\n * @returns {number} Returns the index at which `value` should be
inserted\n * into `array`.\n * @example\n *\n * _.sortedLastIndex([4, 5, 5, 5, 6], 5);\n * // => 4\n *\n\nfunction
sortedLastIndex(array, value) {\n  return baseSortedIndex(array, value, true);\n}\n\nmodule.exports =
sortedLastIndex;"},"var baseIteratee = require('./_baseIteratee'),\n  baseSortedIndexBy =
require('./_baseSortedIndexBy');\n/**\n * This method is like `_.sortedLastIndex` except that it accepts `iteratee`\n *
which is invoked for `value` and each element of `array` to compute their\n * sort ranking. The iteratee is invoked
with one argument: (value).\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Array\n * @param
{Array} array The sorted array to inspect.\n * @param {*} value The value to evaluate.\n * @param {Function}
[iteratee=_identity] The iteratee invoked per element.\n * @returns {number} Returns the index at which `value`
should be inserted\n * into `array`.\n * @example\n *\n * var objects = [{ 'x': 4 }, { 'x': 5 }];\n *\n *
_.sortedLastIndexBy(objects, { 'x': 4 }, function(o) { return o.x; });\n * // => 1\n *\n * // The `_.property` iteratee
shorthand.\n * _sortedLastIndexBy(objects, { 'x': 4 }, 'x');\n * // => 1\n *\n\nfunction sortedLastIndexBy(array,
value, iteratee) {\n  return baseSortedIndexBy(array, value, baseIteratee(iteratee, 2), true);\n}\n\nmodule.exports =
sortedLastIndexBy;"},"var baseSortedIndex = require('./_baseSortedIndex'),\n  eq = require('./eq');\n/**\n * This
method is like `_.lastIndexOf` except that it performs a binary\n * search on a sorted `array`.\n *\n * @static\n *
@memberOf _\n * @since 4.0.0\n * @category Array\n * @param {Array} array The array to inspect.\n * @param
{*} value The value to search for.\n * @returns {number} Returns the index of the matched value, else `-1`.\n *
@example\n *\n * _.sortedLastIndexOf([4, 5, 5, 5, 6], 5);\n * // => 3\n *\n\nfunction sortedLastIndexOf(array,
value) {\n  var length = array == null ? 0 : array.length;\n  if (length) {\n    var index = baseSortedIndex(array,
value, true) - 1;\n    if (eq(array[index], value)) {\n      return index;\n    }\n  }\n  return -1;\n}\n\nmodule.exports =
sortedLastIndexOf;"},"var baseSortedUniq = require('./_baseSortedUniq');\n/**\n * This method is like `_.uniq`
except that it's designed and optimized\n * for sorted arrays.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n *
@category Array\n * @param {Array} array The array to inspect.\n * @returns {Array} Returns the new duplicate
free array.\n * @example\n *\n * _.sortedUniq([1, 1, 2]);\n * // => [1, 2]\n *\n\nfunction sortedUniq(array) {\n
return array && array.length ? baseSortedUniq(array) : [];\n}\n\nmodule.exports = sortedUniq;"},"var baseIteratee =
require('./_baseIteratee'),\n  baseSortedUniq = require('./_baseSortedUniq');\n/**\n * This method is like
`_.uniqBy` except that it's designed and optimized\n * for sorted arrays.\n *\n * @static\n * @memberOf _\n *
@since 4.0.0\n * @category Array\n * @param {Array} array The array to inspect.\n * @param {Function}
[iteratee] The iteratee invoked per element.\n * @returns {Array} Returns the new duplicate free array.\n *
@example\n *\n * _.sortedUniqBy([1.1, 1.2, 2.3, 2.4], Math.floor);\n * // => [1.1, 2.3]\n *\n\nfunction
sortedUniqBy(array, iteratee) {\n  return array && array.length ? baseSortedUniq(array, baseIteratee(iteratee, 2)) :
[];\n}\n\nmodule.exports = sortedUniqBy;"},"var baseSlice = require('./_baseSlice');\n/**\n * Gets all but the first
element of `array`.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Array\n * @param {Array}
array The array to query.\n * @returns {Array} Returns the slice of `array`.\n * @example\n *\n * _tail([1, 2, 3]);\n *
// => [2, 3]\n *\n\nfunction tail(array) {\n  var length = array == null ? 0 : array.length;\n  return length ?
baseSlice(array, 1, length) : [];\n}\n\nmodule.exports = tail;"},"var baseSlice = require('./_baseSlice'),\n  toInteger =
require('./toInteger');\n/**\n * Creates a slice of `array` with `n` elements taken from the beginning.\n *\n *
@static\n * @memberOf _\n * @since 0.1.0\n * @category Array\n * @param {Array} array The array to query.\n *
@param {number} [n=1] The number of elements to take.\n * @param {Object} [guard] Enables use as an
iteratee for methods like `_.map`.\n * @returns {Array} Returns the slice of `array`.\n * @example\n *\n *
_.take([1, 2, 3]);\n * // => [1]\n *\n * _take([1, 2, 3], 2);\n * // => [1, 2]\n *\n * _take([1, 2, 3], 5);\n *
// => [1, 2, 3]\n *\n * _take([1, 2, 3], 0);\n * // => []\n *\n\nfunction take(array, n, guard) {\n  if (!(array && array.length))
{\n    return [];\n  }\n  n = guard || n === undefined ? 1 : toInteger(n);\n  return baseSlice(array, 0, n < 0 ? 0 :
n);\n}\n\nmodule.exports = take;"},"var baseSlice = require('./_baseSlice'),\n  toInteger =
require('./toInteger');\n/**\n * Creates a slice of `array` with `n` elements taken from the end.\n *\n * @static\n *

```



```

@memberOf _\n * @since 3.0.0\n * @category Array\n * @param {Array} array The array to query.\n * @param
{number} [n=1] The number of elements to take.\n * @param- {Object} [guard] Enables use as an iteratee for
methods like `_.map`.\n * @returns {Array} Returns the slice of `array`.\n * @example\n *\n * _.takeRight([1, 2,
3]);\n * // => [3]\n *\n * _.takeRight([1, 2, 3], 2);\n * // => [2, 3]\n *\n * _.takeRight([1, 2, 3], 5);\n * // => [1, 2, 3]\n
*\n * _.takeRight([1, 2, 3], 0);\n * // => []\n *\n *\n\nfunction takeRight(array, n, guard) {\n  var length = array ==
null ? 0 : array.length;\n  n = n < 0 ? 0 : n;\n  if (!length) {\n    return [];\n  }\n  n = guard || n === undefined ? 1 : toInteger(n);\n  n =
length - n;\n  return baseSlice(array, n < 0 ? 0 : n, length);\n}\n\nmodule.exports = takeRight;","var baseIteratee =
require('./_baseIteratee'),\n  baseWhile = require('./_baseWhile');\n\n/**\n * Creates a slice of `array` with elements
taken from the end. Elements are\n * taken until `predicate` returns falsey. The predicate is invoked with\n * three
arguments: (value, index, array).\n *\n * @static\n * @memberOf _\n * @since 3.0.0\n * @category Array\n *
@param {Array} array The array to query.\n * @param {Function} [predicate=_identity] The function invoked per
iteration.\n * @returns {Array} Returns the slice of `array`.\n * @example\n *\n * var users = [\n *   { 'user':
'barney', 'active': true },\n *   { 'user': 'fred', 'active': false },\n *   { 'user': 'pebbles', 'active': false }\n *
];\n *\n * _.takeRightWhile(users, function(o) { return !o.active; });\n * // => objects for ['fred', 'pebbles']\n *\n * // The
`_.matches` iteratee shorthand.\n * _.takeRightWhile(users, { 'user': 'pebbles', 'active': false });\n * // => objects for
['pebbles']\n *\n * // The `_.matchesProperty` iteratee shorthand.\n * _.takeRightWhile(users, ['active', false]);\n * //
=> objects for ['fred', 'pebbles']\n *\n * // The `_.property` iteratee shorthand.\n * _.takeRightWhile(users, 'active');\n
*\n * // => []\n *\n *\n\nfunction takeRightWhile(array, predicate) {\n  return array && array.length ? baseWhile(array,
baseIteratee(predicate, 3), false, true) : [];\n}\n\nmodule.exports = takeRightWhile;","var baseIteratee =
require('./_baseIteratee'),\n  baseWhile = require('./_baseWhile');\n\n/**\n * Creates a slice of `array` with elements
taken from the beginning. Elements\n * are taken until `predicate` returns falsey. The predicate is invoked with\n *
three arguments: (value, index, array).\n *\n * @static\n * @memberOf _\n * @since 3.0.0\n * @category Array\n *
@param {Array} array The array to query.\n * @param {Function} [predicate=_identity] The function invoked per
iteration.\n * @returns {Array} Returns the slice of `array`.\n * @example\n *\n * var users = [\n *   { 'user':
'barney', 'active': false },\n *   { 'user': 'fred', 'active': false },\n *   { 'user': 'pebbles', 'active': true }\n *
];\n *\n * _.takeWhile(users, function(o) { return !o.active; });\n * // => objects for ['barney', 'fred']\n *\n * // The
`_.matches` iteratee shorthand.\n * _.takeWhile(users, { 'user': 'barney', 'active': false });\n * // => objects for ['barney']\n *\n * // The
`_.matchesProperty` iteratee shorthand.\n * _.takeWhile(users, ['active', false]);\n * // => objects for ['barney',
'fred']\n *\n * // The `_.property` iteratee shorthand.\n * _.takeWhile(users, 'active');\n *\n * // => []\n *\n *\n\nfunction
takeWhile(array, predicate) {\n  return array && array.length ? baseWhile(array, baseIteratee(predicate, 3)) :
[];\n}\n\nmodule.exports = takeWhile;","var baseFlatten = require('./_baseFlatten'),\n  baseRest =
require('./_baseRest'),\n  baseUniq = require('./_baseUniq'),\n  isArrayLikeObject =
require('./isArrayLikeObject');\n\n/**\n * Creates an array of unique values, in order, from all given arrays using\n *
[SameValueZero](http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero)\n * for equality comparisons.\n *\n *
@static\n * @memberOf _\n * @since 0.1.0\n * @category Array\n * @param {...Array} [arrays] The arrays
to inspect.\n * @returns {Array} Returns the new array of combined values.\n * @example\n *\n * _.union([2], [1,
2]);\n * // => [2, 1]\n *\n *\n\nvar union = baseRest(function (arrays) {\n  return baseUniq(baseFlatten(arrays, 1,
isArrayLikeObject, true));\n});\n\nmodule.exports = union;","var Set = require('./_Set'),\n  noop = require('./noop'),\n
setToArray = require('./_setToArray');\n\n/**\n * Used as references for various `Number` constants. *\n *\n\nvar
INFINITY = 1 / 0;\n\n/**\n * Creates a set object of `values`.\n *\n * @private\n * @param {Array} values The
values to add to the set.\n * @returns {Object} Returns the new set.\n *\n *\n\nvar createSet = !(Set && 1 /
setToArray(new Set([, -0]))[1] === INFINITY) ? noop : function (values) {\n  return new
Set(values);\n};\n\nmodule.exports = createSet;","var\n * This method returns `undefined`.\n *\n * @static\n *
@memberOf _\n * @since 2.3.0\n * @category Util\n * @example\n *\n * _.times(2, _noop);\n * // => [undefined,
undefined]\n *\n *\n\nfunction noop() {\n  // No operation performed.\n}\n\nmodule.exports = noop;","var baseFlatten =
require('./_baseFlatten'),\n  baseIteratee = require('./_baseIteratee'),\n  baseRest = require('./_baseRest'),\n
baseUniq = require('./_baseUniq'),\n  isArrayLikeObject = require('./isArrayLikeObject'),\n  last =
require('./last');\n\n/**\n * This method is like `_.union` except that it accepts `iteratee` which is\n * invoked for each

```

element of each `arrays` to generate the criterion by which uniqueness is computed. Result values are chosen from the first array in which the value occurs. The iteratee is invoked with one argument: (value).

```

    @static @memberOf _ @since 4.0.0 @category Array @param {...Array} [arrays] The arrays to inspect.
    @param {Function} [iteratee=_identity] The iteratee invoked per element.
    @returns {Array} Returns the new array of combined values.
    @example
    _unionBy([2.1], [1.2, 2.3], Math.floor); // => [2.1, 1.2]
    // The `_.property` iteratee shorthand.
    _unionBy([{ 'x': 1 }], [{ 'x': 2 }, { 'x': 1 }], 'x'); // => [{ 'x': 1 }, { 'x': 2 }]
  
```

```

    var unionBy = baseRest(function (arrays) {
      var iteratee = last(arrays);
      if (isArrayLikeObject(iteratee)) {
        iteratee = undefined;
      }
      return baseUniq(baseFlatten(arrays, 1, isArrayLikeObject, true), baseIteratee(iteratee, 2));
    });
    module.exports = unionBy;
  
```

This method is like `_.union` except that it accepts `comparator` which is invoked to compare elements of `arrays`. Result values are chosen from the first array in which the value occurs. The comparator is invoked with two arguments: (arrVal, othVal).


```

    @static @memberOf _ @since 4.0.0 @category Array @param {...Array} [arrays] The arrays to inspect.
    @param {Function} [comparator] The comparator invoked per element.
    @returns {Array} Returns the new array of combined values.
    @example
    var objects = [{ 'x': 1, 'y': 2 }, { 'x': 2, 'y': 1 }];
    var others = [{ 'x': 1, 'y': 1 }, { 'x': 1, 'y': 2 }];
    _unionWith(objects, others, _isEqual); // => [{ 'x': 1, 'y': 2 }, { 'x': 2, 'y': 1 }, { 'x': 1, 'y': 1 }]
  
```

```

    var unionWith = baseRest(function (arrays) {
      var comparator = last(arrays);
      comparator = typeof comparator == 'function' ? comparator : undefined;
      return baseUniq(baseFlatten(arrays, 1, isArrayLikeObject, true), undefined, comparator);
    });
    module.exports = unionWith;
  
```

Creates a duplicate-free version of an array, using `SameValueZero` (http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero) for equality comparisons, in which only the first occurrence of each element is kept. The order of result values is determined by the order they occur in the array.


```

    @static @memberOf _ @since 0.1.0 @category Array @param {Array} array The array to inspect.
    @returns {Array} Returns the new duplicate free array.
    @example
    _uniq([2, 1, 2]); // => [2, 1]
  
```

```

    function uniq(array) {
      return array && array.length ? baseUniq(array) : [];
    }
    module.exports = uniq;
  
```

This method is like `_.uniq` except that it accepts `iteratee` which is invoked for each element in `array` to generate the criterion by which uniqueness is computed. The order of result values is determined by the order they occur in the array. The iteratee is invoked with one argument: (value).


```

    @static @memberOf _ @since 4.0.0 @category Array @param {Array} array The array to inspect.
    @param {Function} [iteratee=_identity] The iteratee invoked per element.
    @returns {Array} Returns the new duplicate free array.
    @example
    _uniqBy([2.1, 1.2, 2.3], Math.floor); // => [2.1, 1.2]
    // The `_.property` iteratee shorthand.
    _uniqBy([{ 'x': 1 }, { 'x': 2 }, { 'x': 1 }], 'x'); // => [{ 'x': 1 }, { 'x': 2 }]
  
```

```

    function uniqBy(array, iteratee) {
      return array && array.length ? baseUniq(array, baseIteratee(iteratee, 2)) : [];
    }
    module.exports = uniqBy;
  
```

This method is like `_.uniq` except that it accepts `comparator` which is invoked to compare elements of `array`. The order of result values is determined by the order they occur in the array. The comparator is invoked with two arguments: (arrVal, othVal).


```

    @static @memberOf _ @since 4.0.0 @category Array @param {Array} array The array to inspect.
    @param {Function} [comparator] The comparator invoked per element.
    @returns {Array} Returns the new duplicate free array.
    @example
    var objects = [{ 'x': 1, 'y': 2 }, { 'x': 2, 'y': 1 }, { 'x': 1, 'y': 2 }];
    _uniqWith(objects, _isEqual); // => [{ 'x': 1, 'y': 2 }, { 'x': 2, 'y': 1 }]
  
```

```

    function uniqWith(array, comparator) {
      comparator = typeof comparator == 'function' ? comparator : undefined;
      return array && array.length ? baseUniq(array, undefined, comparator) : [];
    }
    module.exports = uniqWith;
  
```

Creates an array excluding all given values using `SameValueZero` (http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero) for equality comparisons.


```

    @static @memberOf _ @since 4.0.0 @category Array @param {...*} [values] The values to exclude.
    @returns {Array} Returns the new array.
  
```

Note: Unlike `_.pull`, this method returns a new array.

0.1.0\n * @category Array\n * @param {Array} array The array to inspect.\n * @param {...*} [values] The values to exclude.\n * @returns {Array} Returns the new array of filtered values.\n * @see _difference, _xor\n * @example\n * _without([2, 1, 2, 3], 1, 2);\n * // => [3]\n * ^\n\n * nvar without = baseRest(function (array, values) {\n * return isArrayLikeObject(array) ? baseDifference(array, values) : [];\n * });\n * module.exports = without;","var arrayFilter = require('./_arrayFilter'),\n * baseRest = require('./_baseRest'),\n * baseXor = require('./_baseXor'),\n * isArrayLikeObject = require('./isArrayLikeObject');\n * /**\n * Creates an array of unique values that is the\n * [symmetric difference](https://en.wikipedia.org/wiki/Symmetric_difference)\n * of the given arrays. The order of result values is determined by the order\n * they occur in the arrays.\n * @static\n * @memberOf _\n * @since 2.4.0\n * @category Array\n * @param {...Array} [arrays] The arrays to inspect.\n * @returns {Array} Returns the new array of filtered values.\n * @see _difference, _without\n * @example\n * _xor([2, 1], [2, 3]);\n * // => [1, 3]\n * ^\n\n * nvar xor = baseRest(function (arrays) {\n * return baseXor(arrayFilter(arrays, isArrayLikeObject));\n * });\n * module.exports = xor;","var arrayFilter = require('./_arrayFilter'),\n * baseIteratee = require('./_baseIteratee'),\n * baseRest = require('./_baseRest'),\n * baseXor = require('./_baseXor'),\n * isArrayLikeObject = require('./isArrayLikeObject'),\n * last = require('./last');\n * /**\n * This method is like `_.xor` except that it accepts `iteratee` which is\n * invoked for each element of each `arrays` to generate the criterion by\n * which by which they're compared. The order of result values is determined\n * by the order they occur in the arrays. The iteratee is invoked with one\n * argument: (value).\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Array\n * @param {...Array} [arrays] The arrays to inspect.\n * @param {Function} [iteratee=_identity] The iteratee invoked per element.\n * @returns {Array} Returns the new array of filtered values.\n * @example\n * _xorBy([2.1, 1.2], [2.3, 3.4], Math.floor);\n * // => [1.2, 3.4]\n * ^\n\n * nvar xorBy = baseRest(function (arrays) {\n * var iteratee = last(arrays);\n * if (isArrayLikeObject(iteratee)) {\n * iteratee = undefined;\n * }\n * return baseXor(arrayFilter(arrays, isArrayLikeObject), baseIteratee(iteratee, 2));\n * });\n * module.exports = xorBy;","var arrayFilter = require('./_arrayFilter'),\n * baseRest = require('./_baseRest'),\n * baseXor = require('./_baseXor'),\n * isArrayLikeObject = require('./isArrayLikeObject'),\n * last = require('./last');\n * /**\n * This method is like `_.xor` except that it accepts `comparator` which is\n * invoked to compare elements of `arrays`. The order of result values is\n * determined by the order they occur in the arrays. The comparator is invoked\n * with two arguments: (arrVal, othVal).\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Array\n * @param {...Array} [arrays] The arrays to inspect.\n * @param {Function} [comparator] The comparator invoked per element.\n * @returns {Array} Returns the new array of filtered values.\n * @example\n * var objects = [{ 'x': 1, 'y': 2 }, { 'x': 2, 'y': 1 }];\n * var others = [{ 'x': 1, 'y': 1 }, { 'x': 1, 'y': 2 }];\n * _xorWith(objects, others, _isEqual);\n * // => [{ 'x': 2, 'y': 1 }, { 'x': 1, 'y': 1 }]\n * ^\n\n * nvar xorWith = baseRest(function (arrays) {\n * var comparator = last(arrays);\n * comparator = typeof comparator === 'function' ? comparator : undefined;\n * return baseXor(arrayFilter(arrays, isArrayLikeObject), undefined, comparator);\n * });\n * module.exports = xorWith;","var baseRest = require('./_baseRest'),\n * unzip = require('./unzip');\n * /**\n * Creates an array of grouped elements, the first of which contains the\n * first elements of the given arrays, the second of which contains the\n * second elements of the given arrays, and so on.\n * @static\n * @memberOf _\n * @since 0.1.0\n * @category Array\n * @param {...Array} [arrays] The arrays to process.\n * @returns {Array} Returns the new array of grouped elements.\n * @example\n * _zip(['a', 'b'], [1, 2], [true, false]);\n * // => [['a', 1, true], ['b', 2, false]]\n * ^\n\n * nvar zip = baseRest(unzip);\n * module.exports = zip;","var assignValue = require('./_assignValue'),\n * baseZipObject = require('./_baseZipObject');\n * /**\n * This method is like `_.fromPairs` except that it accepts two arrays,\n * one of property identifiers and one of corresponding values.\n * @static\n * @memberOf _\n * @since 0.4.0\n * @category Array\n * @param {Array} [props=[]) The property identifiers.\n * @param {Array} [values=[]) The property values.\n * @returns {Object} Returns the new object.\n * @example\n * _zipObject(['a', 'b'], [1, 2]);\n * // => { 'a': 1, 'b': 2 }\n * ^\n\n * nfunction zipObject(props, values) {\n * return baseZipObject(props || [], values || []);\n * }\n * assignValue);\n * module.exports = zipObject;","var baseSet = require('./_baseSet'),\n * baseZipObject = require('./_baseZipObject');\n * /**\n * This method is like `_.zipObject` except that it supports property paths.\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Array\n * @param {...Array} [arrays] The arrays to process.\n * @returns {Object} Returns the new object.\n * @example\n * _zipObjectDeep(['a.b', 'c.d'], [1, 2]);\n * // => { 'a.b': 1, 'c.d': 2 }\n * ^\n\n * nfunction zipObjectDeep(props, values) {\n * return baseZipObjectDeep(props || [], values || []);\n * }\n * assignValue);\n * module.exports = zipObjectDeep;","var baseSet = require('./_baseSet'),\n * baseZipObject = require('./_baseZipObject');\n * /**\n * This method is like `_.zipObject` except that it supports property paths.\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category Array\n * @param {...Array} [arrays] The arrays to process.\n * @returns {Object} Returns the new object.\n * @example\n * _zipObjectDeep(['a.b', 'c.d'], [1, 2]);\n * // => { 'a.b': 1, 'c.d': 2 }\n * ^\n\n * nfunction zipObjectDeep(props, values) {\n * return baseZipObjectDeep(props || [], values || []);\n * }\n * assignValue);\n * module.exports = zipObjectDeep;"/>

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@static\n * @memberOf _\n * @since 4.1.0\n * @category Array\n * @param {Array} [props=[]] The property
identifiers.\n * @param {Array} [values=[]] The property values.\n * @returns {Object} Returns the new object.\n
* @example\n *\n * _zipObjectDeep(['a.b[0].c', 'a.b[1].d'], [1, 2]);\n * // => { 'a': { 'b': [{ 'c': 1 }, { 'd': 2 }] } }\n
*\n *\nfunction zipObjectDeep(props, values) {\n  return baseZipObject(props || [], values || [],
baseSet);\n}\n\nmodule.exports = zipObjectDeep;","var baseRest = require('./_baseRest');\n  unzipWith =
require('./unzipWith');\n/**\n * This method is like `_.zip` except that it accepts `iteratee` to specify\n * how
grouped values should be combined. The iteratee is invoked with the\n * elements of each group: (...group).\n *\n *
@static\n * @memberOf _\n * @since 3.8.0\n * @category Array\n * @param {...Array} [arrays] The arrays to
process.\n * @param {Function} [iteratee=_identity] The function to combine\n * grouped values.\n * @returns
{Array} Returns the new array of grouped elements.\n * @example\n *\n * _zipWith([1, 2], [10, 20], [100, 200],
function(a, b, c) {\n *   return a + b + c;\n * });\n * // => [111, 222]\n *\n *\nvar zipWith = baseRest(function
(arrays) {\n  var length = arrays.length,\n      iteratee = length > 1 ? arrays[length - 1] : undefined;\n  iteratee = typeof
iteratee === 'function' ? (arrays.pop(), iteratee) : undefined;\n  return unzipWith(arrays,
iteratee);\n});\n\nmodule.exports = zipWith;","import baseAssignValue from './_baseAssignValue.js';\nimport eq from
'./eq.js';\n/**\n * This function is like `assignValue` except that it doesn't assign\n * `undefined` values.\n *\n *
@private\n * @param {Object} object The object to modify.\n * @param {string} key The key of the property to
assign.\n * @param {*} value The value to assign.\n *\nfunction assignMergeValue(object, key, value) {\n  if
(value !== undefined && !eq(object[key], value) || value === undefined && !(key in object)) {\n
baseAssignValue(object, key, value);\n  }\n}\n\nexport default assignMergeValue;","import Uint8Array from
'./_Uint8Array.js';\n/**\n * Creates a clone of `arrayBuffer`.\n *\n * @private\n * @param {ArrayBuffer}
arrayBuffer The array buffer to clone.\n * @returns {ArrayBuffer} Returns the cloned array buffer.\n *\nfunction
cloneArrayBuffer(arrayBuffer) {\n  var result = new arrayBuffer.constructor(arrayBuffer.byteLength);\n  new
Uint8Array(result).set(new Uint8Array(arrayBuffer));\n  return result;\n}\n\nexport default
cloneArrayBuffer;","import cloneArrayBuffer from './_cloneArrayBuffer.js';\n/**\n * Creates a clone of
`typedArray`.\n *\n * @private\n * @param {Object} typedArray The typed array to clone.\n * @param {boolean}
[isDeep] Specify a deep clone.\n * @returns {Object} Returns the cloned typed array.\n *\nfunction
cloneTypedArray(typedArray, isDeep) {\n  var buffer = isDeep ? cloneArrayBuffer(typedArray.buffer) :
typedArray.buffer;\n  return new typedArray.constructor(buffer, typedArray.byteOffset,
typedArray.length);\n}\n\nexport default cloneTypedArray;","import isObject from './isObject.js';\n/** Built-in
value references. *\n *\nvar objectCreate = Object.create;\n/**\n * The base implementation of `_.create` without
support for assigning\n * properties to the created object.\n *\n * @private\n * @param {Object} proto The object to
inherit from.\n * @returns {Object} Returns the new object.\n *\nvar baseCreate = function () {\n  function
object() {\n\n  }\n  return function (proto) {\n    if (!isObject(proto)) {\n      return {};\n    }\n\n    if (objectCreate) {\n
return objectCreate(proto);\n    }\n\n    object.prototype = proto;\n    var result = new object();\n    object.prototype =
undefined;\n    return result;\n  };}\n}\n\nexport default baseCreate;","import overArg from './_overArg.js';\n/**
Built-in value references. *\n *\nvar getPrototype = overArg(Object.getPrototypeOf, Object);\nexport default
getPrototype;","import baseCreate from './_baseCreate.js';\nimport getPrototype from './_getPrototype.js';\nimport
isPrototype from './_isPrototype.js';\n/**\n * Initializes an object clone.\n *\n * @private\n * @param {Object}
object The object to clone.\n * @returns {Object} Returns the initialized clone.\n *\nfunction
initCloneObject(object) {\n  return typeof object.constructor === 'function' && !isPrototype(object) ?
baseCreate(getPrototype(object)) : {};\n}\n\nexport default initCloneObject;","import isArrayLike from
'./isArrayLike.js';\nimport isObjectLike from './isObjectLike.js';\n/**\n * This method is like `_.isArrayLike` except
that it also checks if `value`\n * is an object.\n *\n * @static\n * @memberOf _\n * @since 4.0.0\n * @category
Lang\n * @param {*} value The value to check.\n * @returns {boolean} Returns `true` if `value` is an array-like
object,\n * else `false`.\n *\n * @example\n *\n * _isArrayLikeObject([1, 2, 3]);\n * // => true\n *\n *
_isArrayLikeObject(document.body.children);\n * // => true\n *\n * _isArrayLikeObject('abc');\n * // => false\n
*\n * _isArrayLikeObject(_noop);\n * // => false\n *\nfunction isArrayLikeObject(value) {\n  return
isObjectLike(value) && isArrayLike(value);\n}\n\nexport default isArrayLikeObject;","import baseGetTag from

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'/_baseGetTag.js';\nimport getPrototype from './_getPrototype.js';\nimport isObjectLike from
'./isObjectLike.js';\n/** `Object#toString` result references. */\n\nvar objectTag = '[object Object]';\n/** Used for
built-in method references. */\n\nvar funcProto = Function.prototype,\n    objectProto = Object.prototype;\n/** Used
to resolve the decompiled source of functions. */\n\nvar funcToString = funcProto.toString;\n/** Used to check
objects for own properties. */\n\nvar hasOwnProperty = objectProto.hasOwnProperty;\n/** Used to infer the
`Object` constructor. */\n\nvar objectCtorString = funcToString.call(Object);\n/**\n * Checks if `value` is a plain
object, that is, an object created by the\n * `Object` constructor or one with a `[[Prototype]]` of `null`.\n *
*\n * @static\n * @memberOf _\n * @since 0.8.0\n * @category Lang\n * @param {*} value The value to check.\n *
*\n * @returns {boolean} Returns `true` if `value` is a plain object, else `false`.\n * @example\n *\n * function Foo() {\n
*   this.a = 1;\n * }\n *\n * _isPlainObject(new Foo);\n * // => false\n *\n * _isPlainObject([1, 2, 3]);\n * // =>
false\n *\n * _isPlainObject({ 'x': 0, 'y': 0 });\n * // => true\n *\n * _isPlainObject(Object.create(null));\n * // =>
true\n */\n\nfunction isPlainObject(value) {\n  if (!isObjectLike(value) || baseGetTag(value) != objectTag) {\n
return false;\n  }\n\n  var proto = getPrototype(value);\n  if (proto === null) {\n    return true;\n  }\n\n  var Ctor =
hasOwnProperty.call(proto, 'constructor') && proto.constructor;\n  return typeof Ctor == 'function' && Ctor
instanceof Ctor && funcToString.call(Ctor) == objectCtorString;\n}\n\nexport default isPlainObject;"/**\n * Gets
the value at `key`, unless `key` is `\"__proto__\"`.\n *
*\n * @private\n * @param {Object} object The object to
query.\n * @param {string} key The key of the property to get.\n * @returns {*} Returns the property value.\n
*\n */\n\nfunction safeGet(object, key) {\n  if (key == \"__proto__\") {\n    return;\n  }\n\n  return object[key];\n}\n\nexport
default safeGet;"/import baseAssignValue from './_baseAssignValue.js';\nimport eq from './eq.js';\n/** Used for
built-in method references. */\n\nvar objectProto = Object.prototype;\n/** Used to check objects for own
properties. */\n\nvar hasOwnProperty = objectProto.hasOwnProperty;\n/**\n * Assigns `value` to `key` of `object` if the
existing value is not equivalent\n * using `SameValueZero` (http://ecma-international.org/ecma-262/7.0/#sec-samevaluezero)\n * for equality comparisons.\n *
*\n * @private\n * @param {Object} object The object to modify.\n * @param {string} key The key of the property to
assign.\n * @param {*} value The value to assign.\n
*\n */\n\nfunction assignValue(object, key, value) {\n  var objValue = object[key];\n  if
  (!(hasOwnProperty.call(object, key) && eq(objValue, value)) || value === undefined && !(key in object)) {\n
baseAssignValue(object, key, value);\n  }\n}\n\nexport default assignValue;"/import assignValue from
'/_assignValue.js';\nimport baseAssignValue from './_baseAssignValue.js';\n/**\n * Copies properties of `source` to
`object`.\n *
*\n * @private\n * @param {Object} source The object to copy properties from.\n * @param {Array}
props The property identifiers to copy.\n * @param {Object} [object={}] The object to copy properties to.\n *
*\n * @param {Function} [customizer] The function to customize copied values.\n * @returns {Object} Returns
`object`.\n *
*\n */\n\nfunction copyObject(source, props, object, customizer) {\n  var isNew = !object;\n  object || (object
= {});\n  var index = -1,\n      length = props.length;\n\n  while (++index < length) {\n    var key = props[index];\n
var newValue = customizer ? customizer(object[key], source[key], key, object, source) : undefined;\n\n    if
  (newValue === undefined) {\n      newValue = source[key];\n    }\n\n    if (isNew) {\n      baseAssignValue(object,
key, newValue);\n    } else {\n      assignValue(object, key, newValue);\n    }\n  }\n\n  return object;\n}\n\nexport
default copyObject;"/**\n * This function is like\n * `Object.keys` (http://ecma-international.org/ecma-262/7.0/#sec-object.keys)\n * except that it includes inherited enumerable properties.\n *
*\n * @private\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array of property names.\n
*\n */\n\nfunction nativeKeysIn(object) {\n  var result = [];\n\n  if (object != null) {\n    for (var key in Object(object)) {\n
result.push(key);\n    }\n\n  }\n\n  return result;\n}\n\nexport default nativeKeysIn;"/import isObject from
'./isObject.js';\nimport isPrototype from './_isPrototype.js';\nimport nativeKeysIn from './_nativeKeysIn.js';\n/**
Used for built-in method references. */\n\nvar objectProto = Object.prototype;\n/** Used to check objects for own
properties. */\n\nvar hasOwnProperty = objectProto.hasOwnProperty;\n/**\n * The base implementation of
`_.keysIn` which doesn't treat sparse arrays as dense.\n *
*\n * @private\n * @param {Object} object The object to
query.\n * @returns {Array} Returns the array of property names.\n *
*\n */\n\nfunction baseKeysIn(object) {\n  if
  (!isObject(object)) {\n    return nativeKeysIn(object);\n  }\n\n  var isProto = isPrototype(object),\n      result = [];\n\n  for (var key in object) {\n    if (!(key == 'constructor' && (isProto || !hasOwnProperty.call(object, key)))) {\n

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result.push(key);\n  }\n }\n\n return result;\n}\n\nexport default baseKeysIn;","import arrayLikeKeys from
'./_arrayLikeKeys.js';\nimport baseKeysIn from './_baseKeysIn.js';\nimport isArrayLike from
'./isArrayLike.js';\n/**\n * Creates an array of the own and inherited enumerable property names of `object`.\n *\n * **Note:** Non-object values are coerced to objects.\n *\n * @static\n * @memberOf _\n * @since 3.0.0\n *
@category Object\n * @param {Object} object The object to query.\n * @returns {Array} Returns the array of
property names.\n * @example\n *\n * function Foo() {\n *   this.a = 1;\n *   this.b = 2;\n * }\n *\n * Foo.prototype.c = 3;\n *\n * _keysIn(new Foo);\n * // => ['a', 'b', 'c'] (iteration order is not guaranteed)\n
*/\n\nfunction keysIn(object) {\n  return isArrayLike(object) ? arrayLikeKeys(object, true) :
baseKeysIn(object);\n}\n\nexport default keysIn;","import copyObject from './_copyObject.js';\nimport keysIn from
'./keysIn.js';\n/**\n * Converts `value` to a plain object flattening inherited enumerable string\n * keyed properties of
`value` to own properties of the plain object.\n *\n * @static\n * @memberOf _\n * @since 3.0.0\n * @category
Lang\n * @param {*} value The value to convert.\n * @returns {Object} Returns the converted plain object.\n *
@example\n *\n * function Foo() {\n *   this.b = 2;\n * }\n *\n * Foo.prototype.c = 3;\n *\n * _assign({ 'a': 1 }, new
Foo);\n * // => { 'a': 1, 'b': 2 }\n *\n * _assign({ 'a': 1 }, _toPlainObject(new Foo));\n * // => { 'a': 1, 'b': 2, 'c': 3 }\n
*/\n\nfunction toPlainObject(value) {\n  return copyObject(value, keysIn(value));\n}\n\nexport default
toPlainObject;","import assignMergeValue from './_assignMergeValue.js';\nimport cloneBuffer from
'./_cloneBuffer.js';\nimport cloneTypedArray from './_cloneTypedArray.js';\nimport copyArray from
'./_copyArray.js';\nimport initCloneObject from './_initCloneObject.js';\nimport isArguments from
'./isArguments.js';\nimport isArray from './isArray.js';\nimport isArrayLikeObject from
'./isArrayLikeObject.js';\nimport isBuffer from './isBuffer.js';\nimport isFunction from './isFunction.js';\nimport
isObject from './isObject.js';\nimport isPlainObject from './isPlainObject.js';\nimport isArray from './isArray.js';\nimport
safeGet from './_safeGet.js';\nimport toPlainObject from './toPlainObject.js';\n/**\n * A
specialized version of `baseMerge` for arrays and objects which performs\n * deep merges and tracks traversed
objects enabling objects with circular\n * references to be merged.\n *\n * @private\n * @param {Object} object
The destination object.\n * @param {Object} source The source object.\n * @param {string} key The key of the
value to merge.\n * @param {number} srcIndex The index of `source`.\n * @param {Function} mergeFunc The
function to merge values.\n * @param {Function} [customizer] The function to customize assigned values.\n *
@param {Object} [stack] Tracks traversed source values and their merged\n * counterparts.\n */\n\nfunction
baseMergeDeep(object, source, key, srcIndex, mergeFunc, customizer, stack) {\n  var objValue = safeGet(object,
key),\n      srcValue = safeGet(source, key),\n      stacked = stack.get(srcValue);\n\n  if (stacked) {\n
assignMergeValue(object, key, stacked);\n    return;\n  }\n\n  var newValue = customizer ? customizer(objValue,
srcValue, key + "", object, source, stack) : undefined;\n  var isCommon = newValue === undefined;\n\n  if
(isCommon) {\n    var isArr = isArray(srcValue),\n        isBuff = !isArr && isBuffer(srcValue),\n        isTyped =
!isArr && !isBuff && isArrayLikeObject(srcValue);\n    newValue = srcValue;\n    if (isArr || isBuff || isTyped) {\n
if (isArray(objValue)) {\n      newValue = objValue;\n    } else if (isArrayLikeObject(objValue)) {\n
newValue = copyArray(objValue);\n    } else if (isBuff) {\n      isCommon = false;\n      newValue =
cloneBuffer(srcValue, true);\n    } else if (isTyped) {\n      isCommon = false;\n      newValue =
cloneTypedArray(srcValue, true);\n    } else {\n      newValue = [];\n    }\n  }\n  } else if (isPlainObject(srcValue) ||
isArguments(srcValue)) {\n    newValue = objValue;\n\n    if (isArguments(objValue)) {\n      newValue =
toPlainObject(objValue);\n    } else if (!isObject(objValue) || isFunction(objValue)) {\n      newValue =
initCloneObject(srcValue);\n    }\n  } else {\n    isCommon = false;\n  }\n\n  if (isCommon) {\n    //
Recursively merge objects and arrays (susceptible to call stack limits).\n    stack.set(srcValue, newValue);\n
mergeFunc(newValue, srcValue, srcIndex, customizer, stack);\n    stack['delete'](srcValue);\n  }\n\n  assignMergeValue(object, key, newValue);\n}\n\nexport default baseMergeDeep;","import Stack from
'./_Stack.js';\nimport assignMergeValue from './_assignMergeValue.js';\nimport baseFor from
'./_baseFor.js';\nimport baseMergeDeep from './_baseMergeDeep.js';\nimport isObject from './isObject.js';\nimport
keysIn from './keysIn.js';\nimport safeGet from './_safeGet.js';\n/**\n * The base implementation of `_merge`
without support for multiple sources.\n *\n * @private\n * @param {Object} object The destination object.\n *

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@param {Object} source The source object.\n * @param {number} srcIndex The index of `source`.\n * @param
[Function] [customizer] The function to customize merged values.\n * @param {Object} [stack] Tracks traversed
source values and their merged\n * counterparts.\n */\nfunction baseMerge(object, source, srcIndex, customizer,
stack) {\n  if (object === source) {\n    return;\n  }\n  baseFor(source, function (srcValue, key) {\n    if
(isObject(srcValue)) {\n      stack || (stack = new Stack());\n      baseMergeDeep(object, source, key, srcIndex,
baseMerge, customizer, stack);\n    } else {\n      var newValue = customizer ? customizer(safeGet(object, key),
srcValue, key + ", object, source, stack) : undefined;\n      if (newValue === undefined) {\n        newValue =
srcValue;\n      }\n      assignMergeValue(object, key, newValue);\n    }\n  }, keysIn);\n}\n\nexport default
baseMerge;"/**\n * A faster alternative to `Function#apply`, this function invokes `func`\n * with the `this`
binding of `thisArg` and the arguments of `args`.\n */\n * @private\n * @param {Function} func The function to
invoke.\n * @param {*} thisArg The `this` binding of `func`.\n * @param {Array} args The arguments to invoke
`func` with.\n * @returns {*} Returns the result of `func`.\n */\nfunction apply(func, thisArg, args) {\n  switch
(args.length) {\n    case 0:\n      return func.call(thisArg);\n    case 1:\n      return func.call(thisArg, args[0]);\n    case 2:\n      return func.call(thisArg, args[0], args[1]);\n    case 3:\n      return func.call(thisArg, args[0], args[1],
args[2]);\n  }\n  return func.apply(thisArg, args);\n}\n\nexport default apply;","import apply from './_apply.js';\n\n/*
Built-in method references for those with the same name as other `lodash` methods. */\nvar nativeMax =
Math.max;\n\n/**\n * A specialized version of `baseRest` which transforms the rest array.\n */\n * @private\n *
@param {Function} func The function to apply a rest parameter to.\n * @param {number} [start=func.length-1]
The start position of the rest parameter.\n * @param {Function} transform The rest array transform.\n * @returns
{Function} Returns the new function.\n */\nfunction overRest(func, start, transform) {\n  start = nativeMax(start
=== undefined ? func.length - 1 : start, 0);\n  return function () {\n    var args = arguments,\n        index = -1,\n
length = nativeMax(args.length - start, 0),\n        array = Array(length);\n    while (++index < length) {\n
array[index] = args[start + index];\n    }\n    index = -1;\n    var otherArgs = Array(start + 1);\n    while (++index
< start) {\n      otherArgs[index] = args[index];\n    }\n    otherArgs[start] = transform(array);\n    return
apply(func, this, otherArgs);\n  };}\n\nexport default overRest;"/**\n * Creates a function that returns `value`.\n
*/\n * @static\n * @memberOf _\n * @since 2.4.0\n * @category Util\n * @param {*} value The value to return
from the new function.\n * @returns {Function} Returns the new constant function.\n * @example\n */\n * var
objects = _times(2, _constant({ 'a': 1 }));\n * console.log(objects);\n * // => [{ 'a': 1 }, { 'a': 1 }]\n * console.log(objects[0] === objects[1]);\n * // => true\n */\nfunction constant(value) {\n  return function () {\n    return value;\n  };}\n\nexport default constant;","import constant from './constant.js';\n\nimport defineProperty from
'./_defineProperty.js';\nimport identity from './identity.js';\n\n/**\n * The base implementation of `setToString` without
support for hot loop shorting.\n */\n * @private\n * @param {Function} func The function to modify.\n * @param
{Function} string The `toString` result.\n * @returns {Function} Returns `func`.\n */\nvar baseSetToString =
!defineProperty ? identity : function (func, string) {\n  return defineProperty(func, 'toString', {\n    'configurable':
true,\n    'enumerable': false,\n    'value': constant(string),\n    'writable': true\n });\n};\n\nexport default
baseSetToString;"/**\n * Used to detect hot functions by number of calls within a span of milliseconds. */\nvar
HOT_COUNT = 800,\n  HOT_SPAN = 16;\n\n/*\n * Built-in method references for those with the same name as other
`lodash` methods. */\nvar nativeNow = Date.now;\n\n/**\n * Creates a function that'll short out and invoke
`identity` instead\n * of `func` when it's called `HOT_COUNT` or more times in `HOT_SPAN`\n * milliseconds.\n
*/\n * @private\n * @param {Function} func The function to restrict.\n * @returns {Function} Returns the new
shortable function.\n */\nfunction shortOut(func) {\n  var count = 0,\n      lastCalled = 0;\n  return function () {\n    var stamp = nativeNow(),\n        remaining = HOT_SPAN - (stamp - lastCalled);\n    lastCalled = stamp;\n    if
(remaining > 0) {\n      if (++count >= HOT_COUNT) {\n        return arguments[0];\n      }\n    } else {\n      count =
0;\n    }\n    return func.apply(undefined, arguments);\n  };}\n\nexport default shortOut;","import
baseSetToString from './_baseSetToString.js';\nimport shortOut from './_shortOut.js';\n\n/**\n * Sets the `toString`
method of `func` to return `string`.\n */\n * @private\n * @param {Function} func The function to modify.\n *
@param {Function} string The `toString` result.\n * @returns {Function} Returns `func`.\n */\nvar setToString =
shortOut(baseSetToString);\n\nexport default setToString;","import identity from './identity.js';\nimport overRest from

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./_overRest.js';\nimport setToString from './_setToString.js';\n/**\n * The base implementation of `_.rest` which
doesn't validate or coerce arguments.\n *\n * @private\n * @param {Function} func The function to apply a rest
parameter to.\n * @param {number} [start=func.length-1] The start position of the rest parameter.\n * @returns
{Function} Returns the new function.\n */\nfunction baseRest(func, start) {\n  return setToString(overRest(func,
start, identity), func + '');\n}\n\nexport default baseRest;","import eq from './eq.js';\nimport isArrayLike from
 './isArrayLike.js';\nimport isIndex from './isIndex.js';\nimport isObject from './isObject.js';\n/**\n * Checks if the
given arguments are from an iteratee call.\n *\n * @private\n * @param {*} value The potential iteratee value
argument.\n * @param {*} index The potential iteratee index or key argument.\n * @param {*} object The
potential iteratee object argument.\n * @returns {boolean} Returns `true` if the arguments are from an iteratee
call,\n * else `false`.\n */\nfunction isIterateeCall(value, index, object) {\n  if (!isObject(object)) {\n    return
false;\n  }\n  var type = typeof index;\n  if (type == 'number' ? isArrayLike(object) && isIndex(index,
object.length) : type == 'string' && index in object) {\n    return eq(object[index], value);\n  }\n  return
false;\n}\n\nexport default isIterateeCall;","import baseRest from './_baseRest.js';\nimport isIterateeCall from
 './_isIterateeCall.js';\n/**\n * Creates a function like `_.assign`.\n *\n * @private\n * @param {Function} assigner
The function to assign values.\n * @returns {Function} Returns the new assigner function.\n */\nfunction
createAssigner(assigner) {\n  return baseRest(function (object, sources) {\n    var index = -1,\n        length =
sources.length,\n        customizer = length > 1 ? sources[length - 1] : undefined,\n        guard = length > 2 ?
sources[2] : undefined;\n    customizer = assigner.length > 3 && typeof customizer == 'function' ? (length--,
customizer) : undefined;\n    if (guard && isIterateeCall(sources[0], sources[1], guard)) {\n      customizer = length
< 3 ? undefined : customizer;\n      length = 1;\n    }\n    object = Object(object);\n    while (++index < length)
{\n      var source = sources[index];\n      if (source) {\n        assigner(object, source, index, customizer);\n      }\n    }\n    return object;\n  });\n}\n\nexport default createAssigner;","import baseMerge from
 './_baseMerge.js';\nimport createAssigner from './_createAssigner.js';\n/**\n * This method is like `_.assign` except
that it recursively merges own and\n * inherited enumerable string keyed properties of source objects into the\n *
destination object. Source properties that resolve to `undefined` are\n * skipped if a destination value exists. Array
and plain object properties\n * are merged recursively. Other objects and value types are overridden by\n *
assignment. Source objects are applied from left to right. Subsequent\n * sources overwrite property assignments of
previous sources.\n *\n * **Note:** This method mutates `object`.\n *\n * @static\n * @memberOf _\n * @since
0.5.0\n * @category Object\n * @param {Object} object The destination object.\n * @param {...Object} [sources]
The source objects.\n * @returns {Object} Returns `object`.\n * @example\n *\n * var object = {\n *   'a': [{ 'b': 2 },
{ 'd': 4 }]\n * }; \n * var other = {\n *   'a': [{ 'c': 3 }, { 'e': 5 }]\n * }; \n * _merge(object, other);\n * // => {
'a': [{ 'b': 2, 'c': 3 }, { 'd': 4, 'e': 5 } ] }\n */\nvar merge = createAssigner(function (object, source, srcIndex) {\n
  baseMerge(object, source, srcIndex);\n});\n\nexport default merge;","var _extends = Object.assign || function (target)
{\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments[i];\n    for (var key in source) {\n      if
(Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n    }\n  }\n  return
target;\n};\n\nimport { ARRAY_INSERT, ARRAY_MOVE, ARRAY_POP, ARRAY_PUSH, ARRAY_REMOVE,
ARRAY_REMOVE_ALL, ARRAY_SHIFT, ARRAY_SPLICE, ARRAY_SWAP, ARRAY_UNSHIFT,
AUTOFILL, BLUR, CHANGE, CLEAR_SUBMIT, CLEAR_SUBMIT_ERRORS, CLEAR_ASYNC_ERROR,
DESTROY, FOCUS, INITIALIZE, REGISTER_FIELD, RESET, RESET_SECTION, CLEAR_FIELDS,
SET_SUBMIT_FAILED, SET_SUBMIT_SUCCEEDED, START_ASYNC_VALIDATION, START_SUBMIT,
STOP_ASYNC_VALIDATION, STOP_SUBMIT, SUBMIT, TOUCH, UNREGISTER_FIELD, UNTOUCH,
UPDATE_SYNC_ERRORS, UPDATE_SYNC_WARNINGS } from './actionTypes';\n\nvar arrayInsert = function
arrayInsert(form, field, index, value) {\n  return {\n    type: ARRAY_INSERT,\n    meta: {\n      form: form,\n
      field: field,\n      index: index\n    },\n    payload: value\n  }; \n};\n\nvar arrayMove = function
arrayMove(form, field, from, to) {\n  return {\n    type: ARRAY_MOVE,\n    meta: {\n      form: form,\n
      field: field,\n      from: from,\n      to: to\n    }\n  }; \n};\n\nvar arrayPop = function
arrayPop(form, field) {\n  return {\n    type: ARRAY_POP,\n    meta: {\n      form: form,\n
      field: field\n    }\n  }; \n};\n\nvar arrayPush = function arrayPush(form, field, value)
{\n  return {\n    type: ARRAY_PUSH,\n    meta: {\n      form: form,\n      field: field\n    },\n    payload: value\n

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};\n};\n\nvar arrayRemove = function arrayRemove(form, field, index) {\n return {\n type:
ARRAY_REMOVE,\n meta: {\n form: form,\n field: field,\n index: index\n }\n };\n};\n\nvar
arrayRemoveAll = function arrayRemoveAll(form, field) {\n return {\n type: ARRAY_REMOVE_ALL,\n
meta: {\n form: form,\n field: field\n }\n };\n};\n\nvar arrayShift = function arrayShift(form, field) {\n
return {\n type: ARRAY_SHIFT,\n meta: {\n form: form,\n field: field\n }\n };\n};\n\nvar arraySplice =
function arraySplice(form, field, index, removeNum, value) {\n var action = {\n type: ARRAY_SPLICE,\n
meta: {\n form: form,\n field: field,\n index: index,\n removeNum: removeNum\n }\n };\n\n if (value
!== undefined) {\n action.payload = value;\n }\n\n return action;\n};\n\nvar arraySwap = function
arraySwap(form, field, indexA, indexB) {\n if (indexA === indexB) {\n throw new Error('Swap indices cannot be
equal');\n }\n\n if (indexA < 0 || indexB < 0) {\n throw new Error('Swap indices cannot be negative');\n }\n\n
return {\n type: ARRAY_SWAP,\n meta: {\n form: form,\n field: field,\n indexA: indexA,\n
indexB: indexB\n }\n };\n};\n\nvar arrayUnshift = function arrayUnshift(form, field, value) {\n return {\n type:
ARRAY_UNSHIFT,\n meta: {\n form: form,\n field: field\n },\n payload: value\n };\n};\n\nvar autofill
= function autofill(form, field, value) {\n return {\n type: AUTOFILL,\n meta: {\n form: form,\n field:
field\n },\n payload: value\n };\n};\n\nvar blur = function blur(form, field, value, touch) {\n return {\n type:
BLUR,\n meta: {\n form: form,\n field: field,\n touch: touch\n },\n payload: value\n };\n};\n\nvar
change = function change(form, field, value, touch, persistentSubmitErrors) {\n return {\n type: CHANGE,\n
meta: {\n form: form,\n field: field,\n touch: touch,\n persistentSubmitErrors: persistentSubmitErrors\n
},\n payload: value\n };\n};\n\nvar clearSubmit = function clearSubmit(form) {\n return {\n type:
CLEAR_SUBMIT,\n meta: {\n form: form\n }\n };\n};\n\nvar clearSubmitErrors = function
clearSubmitErrors(form) {\n return {\n type: CLEAR_SUBMIT_ERRORS,\n meta: {\n form: form\n }\n
};\n};\n\nvar clearAsyncError = function clearAsyncError(form, field) {\n return {\n type:
CLEAR_ASYNC_ERROR,\n meta: {\n form: form,\n field: field\n }\n };\n};\n\nvar clearFields =
function clearFields(form, keepTouched, persistentSubmitErrors) {\n for (var _len = arguments.length, fields =
Array(_len > 3 ? _len - 3 : 0), _key = 3; _key < _len; _key++) {\n fields[_key - 3] = arguments[_key];\n }\n\n
return {\n type: CLEAR_FIELDS,\n meta: {\n form: form,\n keepTouched: keepTouched,\n
persistentSubmitErrors: persistentSubmitErrors,\n fields: fields\n }\n };\n};\n\nvar destroy = function destroy()
{\n for (var _len2 = arguments.length, form = Array(_len2), _key2 = 0; _key2 < _len2; _key2++) {\n form[_key2]
= arguments[_key2];\n }\n\n return {\n type: DESTROY,\n meta: {\n form: form\n }\n };\n};\n\nvar focus
= function focus(form, field) {\n return {\n type: FOCUS,\n meta: {\n form: form,\n field: field\n }\n
};\n};\n\nvar initialize = function initialize(form, values, keepDirty) {\n var otherMeta = arguments.length > 3 &&
arguments[3] !== undefined ? arguments[3] : {};\n\n if (keepDirty instanceof Object) {\n otherMeta =
keepDirty;\n keepDirty = false;\n }\n\n return {\n type: INITIALIZE,\n meta: _extends({\n form: form,\n
keepDirty: keepDirty\n }, otherMeta),\n payload: values\n };\n};\n\nvar registerField = function
registerField(form, name, type) {\n return {\n type: REGISTER_FIELD,\n meta: {\n form: form\n },\n
payload: {\n name: name,\n type: type\n }\n };\n};\n\nvar reset = function reset(form) {\n return {\n type:
RESET,\n meta: {\n form: form\n }\n };\n};\n\nvar resetSection = function resetSection(form) {\n for (var
_len3 = arguments.length, sections = Array(_len3 > 1 ? _len3 - 1 : 0), _key3 = 1; _key3 < _len3; _key3++) {\n
sections[_key3 - 1] = arguments[_key3];\n }\n\n return {\n type: RESET_SECTION,\n meta: {\n form:
form,\n sections: sections\n }\n };\n};\n\nvar startAsyncValidation = function startAsyncValidation(form,
field) {\n return {\n type: START_ASYNC_VALIDATION,\n meta: {\n form: form,\n field: field\n }\n
};\n};\n\nvar startSubmit = function startSubmit(form) {\n return {\n type: START_SUBMIT,\n meta: {\n
form: form\n }\n };\n};\n\nvar stopAsyncValidation = function stopAsyncValidation(form, errors) {\n return {\n
type: STOP_ASYNC_VALIDATION,\n meta: {\n form: form\n },\n payload: errors,\n error: !(errors
&& Object.keys(errors).length)\n };\n};\n\nvar stopSubmit = function stopSubmit(form, errors) {\n return {\n
type: STOP_SUBMIT,\n meta: {\n form: form\n },\n payload: errors,\n error: !(errors &&
Object.keys(errors).length)\n };\n};\n\nvar submit = function submit(form) {\n return {\n type: SUBMIT,\n
meta: {\n form: form\n }\n };\n};\n\nvar setSubmitFailed = function setSubmitFailed(form) {\n for (var _len4

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= arguments.length, fields = Array(_len4 > 1 ? _len4 - 1 : 0), _key4 = 1; _key4 < _len4; _key4++) {\n  fields[_key4
- 1] = arguments[_key4];\n };\n\n return {\n  type: SET_SUBMIT_FAILED,\n  meta: {\n    form: form,\n
fields: fields\n  },\n  error: true\n };};\n\nvar setSubmitSucceeded = function setSubmitSucceeded(form) {\n
for (var _len5 = arguments.length, fields = Array(_len5 > 1 ? _len5 - 1 : 0), _key5 = 1; _key5 < _len5; _key5++) {\n
  fields[_key5 - 1] = arguments[_key5];\n };\n\n return {\n  type: SET_SUBMIT_SUCCEEDED,\n  meta: {\n
form: form,\n  fields: fields\n },\n  error: false\n };};\n\nvar touch = function touch(form) {\n for (var _len6
= arguments.length, fields = Array(_len6 > 1 ? _len6 - 1 : 0), _key6 = 1; _key6 < _len6; _key6++) {\n  fields[_key6
- 1] = arguments[_key6];\n };\n\n return {\n  type: TOUCH,\n  meta: {\n    form: form,\n    fields: fields\n }
};};\n\nvar unregisterField = function unregisterField(form, name) {\n var destroyOnUnmount =
arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : true;\n return {\n  type:
UNREGISTER_FIELD,\n  meta: {\n    form: form\n },\n  payload: {\n    name: name,\n
destroyOnUnmount: destroyOnUnmount\n  };\n};\n\nvar untouch = function untouch(form) {\n for (var _len7
= arguments.length, fields = Array(_len7 > 1 ? _len7 - 1 : 0), _key7 = 1; _key7 < _len7; _key7++) {\n  fields[_key7
- 1] = arguments[_key7];\n };\n\n return {\n  type: UNTOUCH,\n  meta: {\n    form: form,\n    fields: fields\n
}\n };};\n\nvar updateSyncErrors = function updateSyncErrors(form) {\n var syncErrors = arguments.length > 1
&& arguments[1] !== undefined ? arguments[1] : {};\n var error = arguments[2];\n return {\n  type:
UPDATE_SYNC_ERRORS,\n  meta: {\n    form: form\n },\n  payload: {\n    syncErrors: syncErrors,\n
error: error\n  };\n};\n\nvar updateSyncWarnings = function updateSyncWarnings(form) {\n var
syncWarnings = arguments.length > 1 && arguments[1] !== undefined ? arguments[1] : {};\n var warning =
arguments[2];\n return {\n  type: UPDATE_SYNC_WARNINGS,\n  meta: {\n    form: form\n },\n  payload:
{\n    syncWarnings: syncWarnings,\n    warning: warning\n  };\n};\n\nvar actions = {\n  arrayInsert:
arrayInsert,\n  arrayMove: arrayMove,\n  arrayPop: arrayPop,\n  arrayPush: arrayPush,\n  arrayRemove:
arrayRemove,\n  arrayRemoveAll: arrayRemoveAll,\n  arrayShift: arrayShift,\n  arraySplice: arraySplice,\n
arraySwap: arraySwap,\n  arrayUnshift: arrayUnshift,\n  autofill: autofill,\n  blur: blur,\n  change: change,\n
clearFields: clearFields,\n  clearSubmit: clearSubmit,\n  clearSubmitErrors: clearSubmitErrors,\n  clearAsyncError:
clearAsyncError,\n  destroy: destroy,\n  focus: focus,\n  initialize: initialize,\n  registerField: registerField,\n
reset: reset,\n  resetSection: resetSection,\n  startAsyncValidation: startAsyncValidation,\n  startSubmit: startSubmit,\n
stopAsyncValidation: stopAsyncValidation,\n  stopSubmit: stopSubmit,\n  submit: submit,\n  setSubmitFailed:
setSubmitFailed,\n  setSubmitSucceeded: setSubmitSucceeded,\n  touch: touch,\n  unregisterField:
unregisterField,\n  untouch: untouch,\n  updateSyncErrors: updateSyncErrors,\n  updateSyncWarnings:
updateSyncWarnings\n};\n\nexport default actions;";\n\nimport isPromise from 'is-promise';\n\nvar asyncValidation =
function asyncValidation(fn, start, stop, field) {\n  start(field);\n  var promise = fn();\n\n  if (!isPromise(promise))
{\n    throw new Error('asyncValidate function passed to reduxForm must return a promise');\n  }\n\n  var
handleErrors = function handleErrors(rejected) {\n    return function (errors) {\n      if (rejected) {\n        if (errors
&& Object.keys(errors).length) {\n          stop(errors);\n          return errors;\n        } else {\n          stop();\n
throw new Error('Asynchronous validation promise was rejected without errors.);\n        }\n      }\n\n      stop();\n
return Promise.resolve();\n    };;\n  }\n\n  return promise.then(handleErrors(false), handleErrors(true));\n};\n\nexport default
asyncValidation;";\n\nvar defaultShouldAsyncValidate = function defaultShouldAsyncValidate(_ref) {\n  var
initialized = _ref.initialized,\n  trigger = _ref.trigger,\n  pristine = _ref.pristine,\n  syncValidationPasses =
_ref.syncValidationPasses;\n\n  if (!syncValidationPasses) {\n    return false;\n  }\n\n  switch (trigger) {\n    case
'blur':\n    case 'change':\n      // blurring\n      return true;\n\n    case 'submit':\n      // submitting, so only async
validate if form is dirty or was never initialized\n      // conversely, DON'T async validate if the form is pristine just
as it was initialized\n      return !pristine || !initialized;\n\n    default:\n      return false;\n  }\n};\n\nexport default
defaultShouldAsyncValidate;";\n\nvar defaultShouldValidate = function defaultShouldValidate(_ref) {\n  var values =
_ref.values,\n  nextProps = _ref.nextProps,\n  initialRender = _ref.initialRender,\n  lastFieldValidatorKeys =
_ref.lastFieldValidatorKeys,\n  fieldValidatorKeys = _ref.fieldValidatorKeys,\n  structure = _ref.structure;\n\n  if (initialRender) {\n    return true;\n  }\n\n  return !structure.deepEqual(values, nextProps && nextProps.values) ||
!structure.deepEqual(lastFieldValidatorKeys, fieldValidatorKeys);\n};\n\nexport default

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defaultShouldValidate;", "var defaultShouldError = function defaultShouldError(_ref) {\n  var values =
_ref.values,\n  nextProps = _ref.nextProps,\n  initialRender = _ref.initialRender,\n  lastFieldValidatorKeys =
_ref.lastFieldValidatorKeys,\n  fieldValidatorKeys = _ref.fieldValidatorKeys,\n  structure = _ref.structure;\n\n  if (initialRender) {\n    return true;\n  }\n\n  return !structure.deepEqual(values, nextProps && nextProps.values) ||
!structure.deepEqual(lastFieldValidatorKeys, fieldValidatorKeys);\n};\n\n\nexport default defaultShouldError;"; "var
defaultShouldWarn = function defaultShouldWarn(_ref) {\n  var values = _ref.values,\n  nextProps =
_ref.nextProps,\n  initialRender = _ref.initialRender,\n  lastFieldValidatorKeys = _ref.lastFieldValidatorKeys,\n
  fieldValidatorKeys = _ref.fieldValidatorKeys,\n  structure = _ref.structure;\n\n  if (initialRender) {\n    return
true;\n  }\n\n  return !structure.deepEqual(values, nextProps && nextProps.values) ||
!structure.deepEqual(lastFieldValidatorKeys, fieldValidatorKeys);\n};\n\n\nexport default
defaultShouldWarn;"; "import isEvent from './isEvent';\n\n\nvar silenceEvent = function silenceEvent(event) {\n  var is
= isEvent(event);\n\n  if (is) {\n    event.preventDefault();\n  }\n\n  return is;\n};\n\n\nexport default
silenceEvent;"; "import silenceEvent from './silenceEvent';\n\n\nvar silenceEvents = function silenceEvents(fn) {\n
return function (event) {\n  for (var _len = arguments.length, args = Array(_len > 1 ? _len - 1 : 0), _key = 1; _key <
_len; _key++) {\n    args[_key - 1] = arguments[_key];\n  }\n\n  return silenceEvent(event) ? fn.apply(undefined,
args) : fn.apply(undefined, [event].concat(args));\n};\n};\n\n\nexport default silenceEvents;"; "import plain from
'./structure/plain';\n\n\nvar toArray = function toArray(value) {\n  return Array.isArray(value) ? value :
[value];\n};\n\n\nvar getError = function getError(value, values, props, validators, name) {\n  var array =
toArray(validators);\n\n  for (var i = 0; i < array.length; i++) {\n    var error = array[i](value, values, props,
name);\n\n    if (error) {\n      return error;\n    }\n  }\n};\n\n\nvar generateValidator = function
generateValidator(validators, _ref) {\n  var getIn = _ref.getIn;\n\n  return function (values, props) {\n    var errors =
{};\n\n    Object.keys(validators).forEach(function (name) {\n      var value = getIn(values, name);\n      var error =
getError(value, values, props, validators[name], name);\n\n      if (error) {\n        errors = plain.setIn(errors, name,
error);\n      }\n    });\n\n    return errors;\n  };
};\n\n\nexport default generateValidator;"; "function
_classCallCheck(instance, Constructor) {\n  if (!(instance instanceof Constructor)) {\n    throw new
TypeError("Cannot call a class as a function");\n  }\n}\n\n\nfunction _possibleConstructorReturn(self, call) {\n  if
(!self) {\n    throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n  }\n\n  return
call && (typeof call === "object" || typeof call === "function") ? call : self;\n}\n\n\nfunction _inherits(subClass,
superClass) {\n  if (typeof superClass !== "function" && superClass !== null) {\n    throw new TypeError("Super
expression must either be null or a function, not " + typeof superClass);\n  }\n\n  subClass.prototype =
Object.create(superClass && superClass.prototype, {\n    constructor: {\n      value: subClass,\n      enumerable:
false,\n      writable: true,\n      configurable: true\n    }\n  });\n  if (superClass) Object.setPrototypeOf ?
Object.setPrototypeOf(subClass, superClass) : subClass.__proto__ = superClass;\n}\n\n\nfunction
_extensibleBuiltin(cls) {\n  function ExtensibleBuiltin() {\n    cls.apply(this, arguments);\n  }\n\n  ExtensibleBuiltin.prototype = Object.create(cls.prototype, {\n    constructor: {\n      value: cls,\n      enumerable:
false,\n      writable: true,\n      configurable: true\n    }\n  });\n\n  if (Object.setPrototypeOf) {\n
Object.setPrototypeOf(ExtensibleBuiltin, cls);\n  } else {\n    ExtensibleBuiltin.__proto__ = cls;\n  }\n\n  return
ExtensibleBuiltin;\n}\n\n\nvar ExtensibleError = function (_extensibleBuiltin2) {\n  _inherits(ExtensibleError,
_extensibleBuiltin2);\n\n  function ExtensibleError() {\n    var message = arguments.length > 0 && arguments[0]
!== undefined ? arguments[0] : ";\n\n    _classCallCheck(this, ExtensibleError); // extending Error is weird and does
not propagate `message`\n\n    var _this = _possibleConstructorReturn(this, (ExtensibleError.__proto__ ||
Object.getPrototypeOf(ExtensibleError)).call(this, message));\n\n    Object.defineProperty(_this, 'message', {\n
configurable: true,\n    enumerable: false,\n    value: message,\n    writable: true\n  });\n\n    Object.defineProperty(_this, 'name', {\n    configurable: true,\n    enumerable: false,\n    value:
_this.constructor.name,\n    writable: true\n  });\n\n    if (Error.hasOwnProperty('captureStackTrace')) {\n
Error.captureStackTrace(_this, _this.constructor);\n    }\n\n    return _possibleConstructorReturn(_this);\n  }\n\n  Object.defineProperty(_this, 'stack', {\n    configurable: true,\n    enumerable: false,\n    value: new
Error(message).stack,\n    writable: true\n  });\n\n  return _this;\n}\n\n\nreturn

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ExtendableError;
}(_extendableBuiltin(Error));
export default ExtendableError;
",function
_classCallCheck(instance, Constructor) {
  if (!(instance instanceof Constructor)) {
    throw new
TypeError("Cannot call a class as a function");
  }
}
function _possibleConstructorReturn(self, call) {
  if (!self) {
    throw new ReferenceError("this hasn't been initialised - super() hasn't been called");
  }
  return
call && (typeof call === "object" || typeof call === "function") ? call : self;
}
function _inherits(subClass,
superClass) {
  if (typeof superClass !== "function" && superClass !== null) {
    throw new TypeError("Super
expression must either be null or a function, not " + typeof superClass);
  }
  subClass.prototype =
Object.create(superClass && superClass.prototype, {
    constructor: {
      value: subClass,
      enumerable:
false,
      writable: true,
      configurable: true
    }
  });
  if (superClass) Object.setPrototypeOf ?
Object.setPrototypeOf(subClass, superClass) : subClass.__proto__ = superClass;
}
import ExtendableError
from 'es6-error';
var SubmissionError = function (_ExtendableError) {
  _inherits(SubmissionError,
_ExtendableError);
  function SubmissionError(errors) {
    _classCallCheck(this, SubmissionError);
    var
_this = _possibleConstructorReturn(this, (SubmissionError.__proto__ ||
Object.getPrototypeOf(SubmissionError)).call(this, 'Submit Validation Failed'));
    _this.errors = errors;
    return _this;
  }
  return SubmissionError;
}(ExtendableError);
export default SubmissionError;
",var
_extends = Object.assign || function (target) {
  for (var i = 1; i < arguments.length; i++) {
    var source =
arguments[i];
    for (var key in source) {
      if (Object.prototype.hasOwnProperty.call(source, key)) {
        target[key] = source[key];
      }
    }
  }
  return target;
};
function _toConsumableArray(arr) {
  if
(Array.isArray(arr)) {
    for (var i = 0, arr2 = Array(arr.length); i < arr.length; i++) {
      arr2[i] = arr[i];
    }
    return arr2;
  } else {
    return Array.from(arr);
  }
}
import isPromise from 'is-promise';
import
SubmissionError from './SubmissionError';
var handleSubmit = function handleSubmit(submit, props, valid,
asyncValidate, fields) {
  var dispatch = props.dispatch,
  onSubmitFail = props.onSubmitFail,
  onSubmitSuccess = props.onSubmitSuccess,
  startSubmit = props.startSubmit,
  stopSubmit =
props.stopSubmit,
  setSubmitFailed = props.setSubmitFailed,
  setSubmitSucceeded =
props.setSubmitSucceeded,
  syncErrors = props.syncErrors,
  asyncErrors = props.asyncErrors,
  touch =
props.touch,
  values = props.values,
  persistentSubmitErrors = props.persistentSubmitErrors;
  touch.apply(undefined, _toConsumableArray(fields)); // mark all fields as touched
  if (valid ||
persistentSubmitErrors) {
    var doSubmit = function doSubmit() {
      var result = void 0;
      try {
        result = submit(values, dispatch, props);
      } catch (submitError) {
        var error = submitError instanceof
SubmissionError ? submitError.errors : undefined;
        stopSubmit(error);
        setSubmitFailed.apply(undefined,
_toConsumableArray(fields));
        if (onSubmitFail) {
          onSubmitFail(error, dispatch, submitError,
props);
        }
        if (error || onSubmitFail) {
          // if you've provided an onSubmitFail callback, don't re-
throw the error
          return error;
        } else {
          throw submitError;
        }
      }
      if
(isPromise(result)) {
        startSubmit();
        return result.then(function (submitResult) {
          stopSubmit();
          setSubmitSucceeded();
          if (onSubmitSuccess) {
            onSubmitSuccess(submitResult, dispatch,
props);
          }
          return submitResult;
        }, function (submitError) {
          var error = submitError
instanceof SubmissionError ? submitError.errors : undefined;
          stopSubmit(error);
          setSubmitFailed.apply(undefined, _toConsumableArray(fields));
          if (onSubmitFail) {
            onSubmitFail(error, dispatch, submitError, props);
          }
          if (error || onSubmitFail) {
            // if you've
provided an onSubmitFail callback, don't re-throw the error
            return error;
          } else {
            throw
submitError;
          }
        });
      } else {
        setSubmitSucceeded();
        if (onSubmitSuccess) {
          onSubmitSuccess(result, dispatch, props);
        }
      }
      return result;
    };
    var asyncValidateResult =
asyncValidate && asyncValidate();
    if (asyncValidateResult) {
      return asyncValidateResult.then(function
(asyncErrors) {
        if (asyncErrors) {
          throw asyncErrors;
        }
        return doSubmit();
      }).catch(function (asyncErrors) {
        setSubmitFailed.apply(undefined, _toConsumableArray(fields));
        if
(onSubmitFail) {
          onSubmitFail(asyncErrors, dispatch, null, props);
        }
        return
Promise.reject(asyncErrors);
      });
    } else {
      return doSubmit();
    }
  } else {
    setSubmitFailed.apply(undefined, _toConsumableArray(fields));
    var errors = _extends({}, asyncErrors,

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syncErrors);\n\n  if (onSubmitFail) {\n    onSubmitFail(errors, dispatch, null, props);\n  }\n\n  return errors;\n}\n};\n\nexport default handleSubmit;", "var getErrorKeys = function getErrorKeys(name, type) {\n  switch (type) {\n    case 'Field':\n      return [name, name + '._error'];\n    case 'FieldArray':\n      return [name + '._error'];\n    default:\n      throw new Error('Unknown field type');\n  }\n};\n\nvar createHasError = function createHasError(_ref) {\n  var getIn = _ref.getIn;\n\n  var hasError = function hasError(field, syncErrors, asyncErrors, submitErrors) {\n    if (!syncErrors && !asyncErrors && !submitErrors) {\n      return false;\n    }\n\n    var name = getIn(field, 'name');\n    var type = getIn(field, 'type');\n    return getErrorKeys(name, type).some(function (key) {\n      return getIn(syncErrors, key) || getIn(asyncErrors, key) || getIn(submitErrors, key);\n    });\n  }\n\n  return hasError;\n};\n\nexport default createHasError;", "import createHasError from './hasError';\n\nvar createIsValid = function createIsValid(structure) {\n  var getIn = structure.getIn,\n    keys = structure.keys;\n  var hasError = createHasError(structure);\n  return function (form, getFormState) {\n    var ignoreSubmitErrors = arguments.length > 2 && arguments[2] !== undefined ? arguments[2] : false;\n    return function (state) {\n      var nonNullGetFormState = getFormState || function (state) {\n        return getIn(state, 'form');\n      };\n\n      var formState = nonNullGetFormState(state);\n      var syncError = getIn(formState, form + '.syncError');\n      if (syncError) {\n        return false;\n      }\n\n      if (!ignoreSubmitErrors) {\n        var error = getIn(formState, form + '.error');\n\n        if (error) {\n          return false;\n        }\n      }\n\n      var syncErrors = getIn(formState, form + '.syncErrors');\n      var asyncErrors = getIn(formState, form + '.asyncErrors');\n      var submitErrors = ignoreSubmitErrors ? undefined : getIn(formState, form + '.submitErrors');\n      if (!syncErrors && !asyncErrors && !submitErrors) {\n        return true;\n      }\n\n      var registeredFields = getIn(formState, form + '.registeredFields');\n      if (!registeredFields) {\n        return true;\n      }\n\n      return !keys(registeredFields).filter(function (name) {\n        return getIn(registeredFields, '[' + name + '\\'].count') > 0;\n      }).some(function (name) {\n        return hasError(getIn(registeredFields, '[' + name + '\\'], syncErrors, asyncErrors, submitErrors);\n      });\n    }\n  };\n};\n\nexport default createIsValid;", "var getDisplayName = function getDisplayName(Comp) {\n  return Comp.displayName || Comp.name || 'Component';\n};\n\nexport default getDisplayName;", "import _merge from 'lodash-es/merge';\nimport _mapValues from 'lodash-es/mapValues';\n\nvar _createClass = function () {\n  function defineProperties(target, props) {\n    for (var i = 0; i < props.length; i++) {\n      var descriptor = props[i];\n      descriptor.enumerable = descriptor.enumerable || false;\n      descriptor.configurable = true;\n      if ("value" in descriptor) descriptor.writable = true;\n      Object.defineProperty(target, descriptor.key, descriptor);\n    }\n  }\n\n  return function (Constructor, protoProps, staticProps) {\n    if (protoProps) defineProperties(Constructor.prototype, protoProps);\n    if (staticProps) defineProperties(Constructor, staticProps);\n    return Constructor;\n  };\n}();\n\nvar _extends = Object.assign || function (target) {\n  for (var i = 1; i < arguments.length; i++) {\n    var source = arguments[i];\n\n    for (var key in source) {\n      if (Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n    }\n  }\n\n  return target;\n};\n\nvar _typeof = typeof Symbol === "function" && typeof Symbol.iterator === "symbol" ? function (obj) {\n  return typeof obj;\n} : function (obj) {\n  return obj && typeof Symbol === "function" && obj.constructor === Symbol && obj !== Symbol.prototype ? "symbol" : typeof obj;\n};\n\nfunction _defineProperty(obj, key, value) {\n  if (key in obj) {\n    Object.defineProperty(obj, key, {\n      value: value,\n      enumerable: true,\n      configurable: true,\n      writable: true\n    });\n  } else {\n    obj[key] = value;\n  }\n\n  return obj;\n}\n\nfunction _classCallCheck(instance, Constructor) {\n  if (!(instance instanceof Constructor)) {\n    throw new TypeError("Cannot call a class as a function");\n  }\n}\n\nfunction _possibleConstructorReturn(self, call) {\n  if (!self) {\n    throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n  }\n\n  return call && (typeof call === "object" || typeof call === "function") ? call : self;\n}\n\nfunction _inherits(subClass, superClass) {\n  if (typeof superClass !== "function" && superClass !== null) {\n    throw new TypeError("Super expression must either be null or a function, not " + typeof superClass);\n  }\n\n  subClass.prototype = Object.create(superClass && superClass.prototype, {\n    constructor: {\n      value: subClass,\n      enumerable: false,\n      writable: true,\n      configurable: true\n    }\n  });\n  if (superClass) Object.setPrototypeOf ? Object.setPrototypeOf(subClass, superClass) : subClass.__proto__ = superClass;\n}\n\nfunction _toConsumableArray(arr) {\n  if (Array.isArray(arr)) {\n    for (var i = 0, arr2 = Array(arr.length); i < arr.length;

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i++) {\n  arr2[i] = arr[i];\n  }\n\n  return arr2;\n } else {\n  return Array.from(arr);\n }\n}\n\nfunction
_objectWithoutProperties(obj, keys) {\n  var target = {};\n  for (var i in obj) {\n    if (keys.indexOf(i) >= 0)
continue;\n    if (!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n    target[i] = obj[i];\n  }\n\n  return
target;\n}\n\nimport * as React from 'react';\nimport { polyfill } from 'react-lifecycles-compat';\nimport hoistStatics
from 'hoist-non-react-statics';\nimport invariant from 'invariant';\nimport isPromise from 'is-promise';\nimport
PropTypes from 'prop-types';\nimport { Component, createElement } from 'react';\nimport { connect } from 'react-
redux';\nimport { bindActionCreators } from 'redux';\nimport importedActions from './actions';\nimport
asyncValidation from './asyncValidation';\nimport defaultShouldAsyncValidate from
 './defaultShouldAsyncValidate';\nimport defaultShouldValidate from './defaultShouldValidate';\nimport
defaultShouldError from './defaultShouldError';\nimport defaultShouldWarn from './defaultShouldWarn';\nimport
silenceEvent from './events/silenceEvent';\nimport silenceEvents from './events/silenceEvents';\nimport
generateValidator from './generateValidator';\nimport handleSubmit from './handleSubmit';\nimport createIsValid
from './selectors/isValid';\nimport plain from './structure/plain';\nimport getDisplayName from
 './util/getDisplayName';\nimport isHotReloading from './util/isHotReloading';\n\nvar isClassComponent = function
isClassComponent(Component) {\n  return Boolean(Component && Component.prototype &&
_typeof(Component.prototype.isReactComponent) === 'object');\n}; // extract field-specific actions\n\n\nvar
arrayInsert = importedActions.arrayInsert,\n  arrayMove = importedActions.arrayMove,\n  arrayPop =
importedActions.arrayPop,\n  arrayPush = importedActions.arrayPush,\n  arrayRemove =
importedActions.arrayRemove,\n  arrayRemoveAll = importedActions.arrayRemoveAll,\n  arrayShift =
importedActions.arrayShift,\n  arraySplice = importedActions.arraySplice,\n  arraySwap =
importedActions.arraySwap,\n  arrayUnshift = importedActions.arrayUnshift,\n  blur = importedActions.blur,\n
change = importedActions.change,\n  focus = importedActions.focus,\n  formActions =
_objectWithoutProperties(importedActions, ['arrayInsert', 'arrayMove', 'arrayPop', 'arrayPush', 'arrayRemove',
'arrayRemoveAll', 'arrayShift', 'arraySplice', 'arraySwap', 'arrayUnshift', 'blur', 'change', 'focus']);\n\n\nvar arrayActions
= {\n  arrayInsert: arrayInsert,\n  arrayMove: arrayMove,\n  arrayPop: arrayPop,\n  arrayPush: arrayPush,\n
arrayRemove: arrayRemove,\n  arrayRemoveAll: arrayRemoveAll,\n  arrayShift: arrayShift,\n  arraySplice:
arraySplice,\n  arraySwap: arraySwap,\n  arrayUnshift: arrayUnshift\n};\n\nvar propsToNotUpdateFor =
 [].concat(_toConsumableArray(Object.keys(importedActions)), ['array', 'asyncErrors', 'initialValues', 'syncErrors',
'syncWarnings', 'values', 'registeredFields']);\n\n\nvar checkSubmit = function checkSubmit(submit) {\n  if (!submit ||
typeof submit !== 'function') {\n    throw new Error('You must either pass handleSubmit() an onSubmit function or
pass onSubmit as a prop');\n  }\n\n  return submit;\n};\n\n\n/*\n * The decorator that is the main API to redux-form
*\n\n\nvar createReduxForm = function createReduxForm(structure) {\n  var deepEqual = structure.deepEqual,\n  empty = structure.empty,\n  getIn = structure.getIn,\n  setIn = structure.setIn,\n  keys = structure.keys,\n
fromJS = structure.fromJS;\n  var isValid = createIsValid(structure);\n  return function (initialConfig) {\n    var
config = _extends({\n      touchOnBlur: true,\n      touchOnChange: false,\n      persistentSubmitErrors: false,\n
destroyOnUnmount: true,\n      shouldAsyncValidate: defaultShouldAsyncValidate,\n      shouldValidate:
defaultShouldValidate,\n      shouldError: defaultShouldError,\n      shouldWarn: defaultShouldWarn,\n
enableReinitialize: false,\n      keepDirtyOnReinitialize: false,\n      updateUnregisteredFields: false,\n
getFormState: function getFormState(state) {\n        return getIn(state, 'form');\n      },\n      pure: true,\n
forceUnregisterOnUnmount: false\n    }, initialConfig);\n\n    return function (WrappedComponent) {\n      var Form
= function (_Component) {\n        _inherits(Form, _Component);\n\n        function Form() {\n          var _ref;\n\n
          var _temp, _this, _ret;\n\n          _classCallCheck(this, Form);\n\n          for (var _len = arguments.length, args =
Array(_len), _key = 0; _key < _len; _key++) {\n            args[_key] = arguments[_key];\n          }\n\n          return
_ret = (_temp = (_this = _possibleConstructorReturn(this, (_ref = Form.__proto__ ||
Object.getPrototypeOf(Form)).call.apply(_ref, [this].concat(args))), _this), _this.destroyed = false, _this.fieldCounts
= {}, _this.fieldValidators = {}, _this.lastFieldValidatorKeys = [], _this.fieldWarners = {},
_this.lastFieldWarnerKeys = [], _this.innerOnSubmit = undefined, _this.submitPromise = undefined,
_this.getValues = function () {\n            return _this.props.values;\n          }, _this.isValid = function () {\n

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return _this.props.valid;\n      }, _this.isPristine = function () {\n      return _this.props.pristine;\n      },\n      _this.register = function (name, type, getValidator, getWarner) {\n      var lastCount = _this.fieldCounts[name];\n      var nextCount = (lastCount || 0) + 1;\n      _this.fieldCounts[name] = nextCount;\n      _this.props.registerField(name, type);\n      if (getValidator) {\n      _this.fieldValidators[name] =\n      getValidator;\n      }\n      if (getWarner) {\n      _this.fieldWarners[name] = getWarner;\n      }\n      }, _this.unregister = function (name) {\n      var lastCount = _this.fieldCounts[name];\n      if (lastCount\n      === 1) delete _this.fieldCounts[name];else if (lastCount != null) _this.fieldCounts[name] = lastCount - 1;\n      if (!_this.destroyed) {\n      var _this$props = _this.props,\n      _destroyOnUnmount =\n      _this$props.destroyOnUnmount,\n      _forceUnregisterOnUnmount =\n      _this$props.forceUnregisterOnUnmount,\n      _unregisterField = _this$props.unregisterField;\n      if\n      (_destroyOnUnmount || _forceUnregisterOnUnmount) {\n      _unregisterField(name,\n      _destroyOnUnmount);\n      if (!_this.fieldCounts[name]) {\n      delete\n      _this.fieldValidators[name];\n      delete _this.fieldWarners[name];\n      _this.lastFieldValidatorKeys\n      = _this.lastFieldValidatorKeys.filter(function (key) {\n      return key !== name;\n      });\n      }\n      } else {\n      _unregisterField(name, false);\n      }\n      }, _this.getFieldList =\n      function (options) {\n      var registeredFields = _this.props.registeredFields;\n      var list = [];\n      if\n      (!registeredFields) {\n      return list;\n      }\n      var keySeq = keys(registeredFields);\n      if\n      (options && options.excludeFieldArray) {\n      keySeq = keySeq.filter(function (name) {\n      return\n      getIn(registeredFields, '[' + name + '].type') !== 'FieldArray';\n      });\n      }\n      return\n      fromJS(keySeq.reduce(function (acc, key) {\n      acc.push(key);\n      return acc;\n      }, list));\n      }, _this.getValidators = function () {\n      var validators = {};\n      Object.keys(_this.fieldValidators).forEach(function (name) {\n      var validator =\n      _this.fieldValidators[name]();\n      if (validator) {\n      validators[name] = validator;\n      }\n      });\n      return validators;\n      }, _this.generateValidator = function () {\n      var validators =\n      _this.getValidators();\n      return Object.keys(validators).length ? generateValidator(validators, structure) :\n      undefined;\n      }, _this.getWarners = function () {\n      var warners = {};\n      Object.keys(_this.fieldWarners).forEach(function (name) {\n      var warner = _this.fieldWarners[name]();\n      if (warner) {\n      warners[name] = warner;\n      }\n      });\n      return warners;\n      },\n      _this.generateWarner = function () {\n      var warners = _this.getWarners();\n      return\n      Object.keys(warners).length ? generateValidator(warners, structure) : undefined;\n      }, _this.asyncValidate =\n      function (name, value, trigger) {\n      var _this$props2 = _this.props,\n      asyncBlurFields =\n      _this$props2.asyncBlurFields,\n      asyncChangeFields = _this$props2.asyncChangeFields,\n      asyncErrors = _this$props2.asyncErrors,\n      asyncValidate = _this$props2.asyncValidate,\n      dispatch = _this$props2.dispatch,\n      initialized = _this$props2.initialized,\n      pristine =\n      _this$props2.pristine,\n      shouldAsyncValidate = _this$props2.shouldAsyncValidate,\n      startAsyncValidation = _this$props2.startAsyncValidation,\n      stopAsyncValidation =\n      _this$props2.stopAsyncValidation,\n      syncErrors = _this$props2.syncErrors,\n      values =\n      _this$props2.values;\n      var submitting = !name;\n      var fieldNeedsValidation = function\n      fieldNeedsValidation() {\n      var fieldNeedsValidationForBlur = asyncBlurFields && name &&\n      ~asyncBlurFields.indexOf(name.replace(/[[0-9]+\\]/g, '[]'));\n      var fieldNeedsValidationForChange =\n      asyncChangeFields && name && ~asyncChangeFields.indexOf(name.replace(/[[0-9]+\\]/g, '[]'));\n      var\n      asyncValidateByDefault = !(asyncBlurFields || asyncChangeFields);\n      return submitting ||\n      asyncValidateByDefault || (trigger === 'blur' ? fieldNeedsValidationForBlur : fieldNeedsValidationForChange);\n      }\n      if (asyncValidate) {\n      var valuesToValidate = submitting ? values : setIn(values, name,\n      value);\n      var syncValidationPasses = submitting || !getIn(syncErrors, name);\n      if\n      (fieldNeedsValidation() && shouldAsyncValidate({\n      asyncErrors: asyncErrors,\n      initialized:\n      initialized,\n      trigger: submitting ? 'submit' : trigger,\n      blurredField: name,\n      pristine:\n      pristine,\n      syncValidationPasses: syncValidationPasses\n      }))) {\n      return

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asyncValidation(function () {\n          return asyncValidate(valuesToValidate, dispatch, _this.props, name);\n          }, startAsyncValidation, stopAsyncValidation, name);\n          }\n          }, _this.submitCompleted\n= function (result) {\n          delete _this.submitPromise;\n          return result;\n          }, _this.submitFailed =\nfunction (error) {\n          delete _this.submitPromise;\n          throw error;\n          }, _this.listenToSubmit =\nfunction (promise) {\n          if (!isPromise(promise)) {\n          return promise;\n          }\n\n          _this.submitPromise = promise;\n          return promise.then(_this.submitCompleted, _this.submitFailed);\n          },\n          _this.submit = function (submitOrEvent) {\n          var _this$props3 = _this.props,\n          onSubmit =\n          _this$props3.onSubmit,\n          blur = _this$props3.blur,\n          change = _this$props3.change,\n          dispatch = _this$props3.dispatch;\n\n          if (!submitOrEvent || silenceEvent(submitOrEvent)) {\n          //\n          submitOrEvent is an event: fire submit if not already submitting\n          if (!_this.submitPromise) {\n          //\n          avoid recursive stack trace if use Form with onSubmit as handleSubmit\n          if (_this.innerOnSubmit &&\n          _this.innerOnSubmit !== _this.submit) {\n          // will call "submitOrEvent is the submit function"\n          block\n          below\n          return _this.innerOnSubmit();\n          } else {\n          return\n          _this.listenToSubmit(handleSubmit(checkSubmit(onSubmit), _extends({}, _this.props, bindActionCreators({\n          blur: blur,\n          change: change\n          }, dispatch)), _this.props.validExceptSubmit,\n          _this.asyncValidate, _this.getFieldList({\n          excludeFieldArray: true\n          }));\n          }\n          }\n          } else {\n          // submitOrEvent is the submit function: return deferred submit thunk\n          return silenceEvents(function () {\n          return !_this.submitPromise &&\n          _this.listenToSubmit(handleSubmit(checkSubmit(submitOrEvent), _extends({}, _this.props,\n          bindActionCreators({\n          blur: blur,\n          change: change\n          }, dispatch)),\n          _this.props.validExceptSubmit, _this.asyncValidate, _this.getFieldList({\n          excludeFieldArray: true\n          }));\n          });\n          });\n          }, _this.reset = function () {\n          return _this.props.reset();\n          },\n          _this.saveRef = function (ref) {\n          _this.wrapped = ref;\n          }, _temp), _possibleConstructorReturn(_this,\n          _ret);\n          }\n\n          _createClass(Form, [{\n          key: 'getChildContext',\n          value: function\n          getChildContext() {\n          var _this2 = this;\n\n          return {\n          _reduxForm: _extends({}, this.props,\n          {\n          getFormState: function getFormState(state) {\n          return\n          getIn(_this2.props.getFormState(state), _this2.props.form);\n          },\n          asyncValidate:\n          this.asyncValidate,\n          getValues: this.getValues,\n          sectionPrefix: undefined,\n          register:\n          this.register,\n          unregister: this.unregister,\n          registerInnerOnSubmit: function\n          registerInnerOnSubmit(innerOnSubmit) {\n          return _this2.innerOnSubmit = innerOnSubmit;\n          }\n          })\n          }, {\n          key: 'initIfNeeded',\n          value: function\n          initIfNeeded(nextProps) {\n          var enableReinitialize = this.props.enableReinitialize;\n\n          if (nextProps)\n          {\n          if ((enableReinitialize || !nextProps.initialized) && !deepEqual(this.props.initialValues,\n          nextProps.initialValues)) {\n          var _keepDirty = nextProps.initialized &&\n          this.props.keepDirtyOnReinitialize;\n\n          this.props.initialize(nextProps.initialValues, _keepDirty, {\n          keepValues: nextProps.keepValues,\n          lastInitialValues: this.props.initialValues,\n          updateUnregisteredFields: nextProps.updateUnregisteredFields\n          });\n          }\n          } else if\n          (this.props.initialValues && (!this.props.initialized || enableReinitialize)) {\n          this.props.initialize(this.props.initialValues, this.props.keepDirtyOnReinitialize, {\n          keepValues:\n          this.props.keepValues,\n          updateUnregisteredFields: this.props.updateUnregisteredFields\n          });\n          }\n          }\n          }, {\n          key: 'updateSyncErrorsIfNeeded',\n          value: function\n          updateSyncErrorsIfNeeded(nextSyncErrors, nextError, lastSyncErrors) {\n          var _props = this.props,\n          error = _props.error,\n          updateSyncErrors = _props.updateSyncErrors;\n\n          var noErrors =\n          (!lastSyncErrors || !Object.keys(lastSyncErrors).length) && !error;\n          var nextNoErrors = (!nextSyncErrors ||\n          !Object.keys(nextSyncErrors).length) && !nextError;\n\n          if (!(noErrors && nextNoErrors) &&\n          (!plain.deepEqual(lastSyncErrors, nextSyncErrors) || !plain.deepEqual(error, nextError))) {\n          updateSyncErrors(nextSyncErrors, nextError);\n          }\n          }\n          }, {\n          key:\n          'clearSubmitPromiseIfNeeded',\n          value: function clearSubmitPromiseIfNeeded(nextProps) {\n          var

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submitting = this.props.submitting;\n\n      if (this.submitPromise && submitting && !nextProps.submitting) {\n
        delete this.submitPromise;\n      }\n    }, {\n      key: 'submitIfNeeded',\n      value:
function submitIfNeeded(nextProps) {\n      var _props2 = this.props,\n          clearSubmit =
        _props2.clearSubmit,\n          triggerSubmit = _props2.triggerSubmit;\n      if (!triggerSubmit &&
nextProps.triggerSubmit) {\n          clearSubmit();\n          this.submit();\n      }\n    }, {\n
key: 'shouldErrorFunction',\n      value: function shouldErrorFunction() {\n      var _props3 = this.props,\n
        shouldValidate = _props3.shouldValidate,\n          shouldError = _props3.shouldError;\n      var
        shouldValidateOverridden = shouldValidate !== defaultShouldValidate;\n          var shouldErrorOverridden =
        shouldError !== defaultShouldError;\n      return shouldValidateOverridden && !shouldErrorOverridden ?
        shouldValidate : shouldError;\n      }\n    }, {\n      key: 'validateIfNeeded',\n      value: function
validateIfNeeded(nextProps) {\n      var _props4 = this.props,\n          validate = _props4.validate,\n
        values = _props4.values;\n      var shouldError = this.shouldErrorFunction();\n          var fieldLevelValidate =
        this.generateValidator();\n      if (validate || fieldLevelValidate) {\n          var initialRender = nextProps ===
        undefined;\n          var fieldValidatorKeys = Object.keys(this.getValidators());\n          var validateParams = {\n
            values: values,\n            nextProps: nextProps,\n            props: this.props,\n            initialRender:
            initialRender,\n            lastFieldValidatorKeys: this.lastFieldValidatorKeys,\n            fieldValidatorKeys:
            fieldValidatorKeys,\n            structure: structure\n          };\n          if (shouldError(validateParams)) {\n
            var propsToValidate = initialRender || !nextProps ? this.props : nextProps;\n            var _merge2 =
            _merge(validate ? validate(propsToValidate.values, propsToValidate) || {} : {}), fieldLevelValidate ?
            fieldLevelValidate(propsToValidate.values, propsToValidate) || {} : {}),\n                _error = _merge2._error,\n
            nextSyncErrors = _objectWithoutProperties(_merge2, ['_error']);\n            this.lastFieldValidatorKeys
            = fieldValidatorKeys;\n            this.updateSyncErrorsIfNeeded(nextSyncErrors, _error,
            propsToValidate.syncErrors);\n          }\n        } else {\n            this.lastFieldValidatorKeys = [];\n          }\n
        }\n    }, {\n      key: 'updateSyncWarningsIfNeeded',\n      value: function
updateSyncWarningsIfNeeded(nextSyncWarnings, nextWarning, lastSyncWarnings) {\n      var _props5 =
        this.props,\n          warning = _props5.warning,\n          syncWarnings = _props5.syncWarnings,\n
        updateSyncWarnings = _props5.updateSyncWarnings;\n      var noWarnings = (!syncWarnings ||
        !Object.keys(syncWarnings).length) && !warning;\n      var nextNoWarnings = (!nextSyncWarnings ||
        !Object.keys(nextSyncWarnings).length) && !nextWarning;\n      if (!(noWarnings && nextNoWarnings) &&
        (!plain.deepEqual(lastSyncWarnings, nextSyncWarnings) || !plain.deepEqual(warning, nextWarning))) {\n
        updateSyncWarnings(nextSyncWarnings, nextWarning);\n      }\n    }, {\n      key:
'shouldWarnFunction',\n      value: function shouldWarnFunction() {\n      var _props6 = this.props,\n
        shouldValidate = _props6.shouldValidate,\n          shouldWarn = _props6.shouldWarn;\n      var
        shouldValidateOverridden = shouldValidate !== defaultShouldValidate;\n          var shouldWarnOverridden =
        shouldWarn !== defaultShouldWarn;\n      return shouldValidateOverridden && !shouldWarnOverridden ?
        shouldValidate : shouldWarn;\n      }\n    }, {\n      key: 'warnIfNeeded',\n      value: function
warnIfNeeded(nextProps) {\n      var _props7 = this.props,\n          warn = _props7.warn,\n          values =
        _props7.values;\n      var shouldWarn = this.shouldWarnFunction();\n          var fieldLevelWarn =
        this.generateWarner();\n      if (warn || fieldLevelWarn) {\n          var initialRender = nextProps ===
        undefined;\n          var fieldWarnerKeys = Object.keys(this.getWarners());\n          var validateParams = {\n
            values: values,\n            nextProps: nextProps,\n            props: this.props,\n            initialRender:
            initialRender,\n            lastFieldValidatorKeys: this.lastFieldValidatorKeys,\n            fieldValidatorKeys:
            fieldValidatorKeys,\n            fieldWarnerKeys,\n            structure: structure\n          };\n          if (shouldWarn(validateParams)) {\n
            var propsToWarn = initialRender || !nextProps ? this.props : nextProps;\n            var _merge3 = _merge(warn
            ? warn(propsToWarn.values, propsToWarn) : {}, fieldLevelWarn ? fieldLevelWarn(propsToWarn.values,
            propsToWarn) : {}),\n                _warning = _merge3._warning,\n                nextSyncWarnings =
            _objectWithoutProperties(_merge3, ['_warning']);\n            this.lastFieldWarnerKeys = fieldWarnerKeys;\n
            this.updateSyncWarningsIfNeeded(nextSyncWarnings, _warning, propsToWarn.syncWarnings);\n          }\n
        }\n    }

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    }
  }, {
    key: 'componentWillMount',
    value: function componentWillMount() {
      if (!isHotReloading()) {
        this.initIfNeeded();
        this.validateIfNeeded();
        this.warnIfNeeded();
      }
      invariant(this.props.shouldValidate, 'shouldValidate() is deprecated and will be removed in v8.0.0. Use shouldWarn() or shouldError() instead.');
```

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    }, {
      key: 'componentWillReceiveProps',
      value: function componentWillReceiveProps(nextProps) {
        this.initIfNeeded(nextProps);
        this.validateIfNeeded(nextProps);
        this.warnIfNeeded(nextProps);
        this.clearSubmitPromiseIfNeeded(nextProps);
        this.submitIfNeeded(nextProps);
        var onChange = nextProps.onChange,
            values = nextProps.values,
            dispatch = nextProps.dispatch;
        if (onChange && !deepEqual(values, this.props.values)) {
          onChange(values, dispatch, nextProps, this.props.values);
        }
      }, {
        key: 'shouldComponentUpdate',
        value: function shouldComponentUpdate(nextProps) {
          var _this3 = this;
          if (!this.props.pure) return true;
          var _config$immutableProp = config.immutableProps,
              immutableProps = _config$immutableProp === undefined ? [] : _config$immutableProp; // if we have children, we MUST update in React 16
          // https://twitter.com/erikras/status/915866544558788608
          return !(this.props.children || nextProps.children || Object.keys(nextProps).some(function (prop) {
            // useful to debug rerenders
            // if (!plain.deepEqual(this.props[ prop ], nextProps[ prop ])) {
            //   console.info(prop, 'changed', this.props[ prop ], '==>', nextProps[ prop ])
            // }
            if (~immutableProps.indexOf(prop)) {
              return _this3.props[prop] !== nextProps[prop];
            }
            return !~propsToNotUpdateFor.indexOf(prop) && !deepEqual(_this3.props[prop], nextProps[prop]);
          }));
        }, {
          key: 'componentDidMount',
          value: function componentDidMount() {
            if (!isHotReloading()) {
              this.initIfNeeded(this.props);
              this.validateIfNeeded();
              this.warnIfNeeded();
            }
            invariant(this.props.shouldValidate, 'shouldValidate() is deprecated and will be removed in v8.0.0. Use shouldWarn() or shouldError() instead.');
```

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          }, {
            key: 'componentWillUnmount',
            value: function componentWillUnmount() {
              var _props8 = this.props,
                  destroyOnUnmount = _props8.destroyOnUnmount,
                  destroy = _props8.destroy;
              if (destroyOnUnmount && !isHotReloading()) {
                this.destroyed = true;
                destroy();
              }
            }, {
              key: 'render',
              value: function render() {
                // remove some redux-form config-only props
                /* eslint-disable no-unused-vars */
                var _props9 = this.props,
                    anyTouched = _props9.anyTouched,
                    array = _props9.array,
                    arrayInsert = _props9.arrayInsert,
                    arrayMove = _props9.arrayMove,
                    arrayPop = _props9.arrayPop,
                    arrayPush = _props9.arrayPush,
                    arrayRemove = _props9.arrayRemove,
                    arrayRemoveAll = _props9.arrayRemoveAll,
                    arrayShift = _props9.arrayShift,
                    arraySplice = _props9.arraySplice,
                    arraySwap = _props9.arraySwap,
                    arrayUnshift = _props9.arrayUnshift,
                    asyncErrors = _props9.asyncErrors,
                    asyncValidate = _props9.asyncValidate,
                    asyncValidating = _props9.asyncValidating,
                    blur = _props9.blur,
                    change = _props9.change,
                    clearSubmit = _props9.clearSubmit,
                    destroy = _props9.destroy,
                    destroyOnUnmount = _props9.destroyOnUnmount,
                    forceUnregisterOnUnmount = _props9.forceUnregisterOnUnmount,
                    dirty = _props9.dirty,
                    dispatch = _props9.dispatch,
                    enableReinitialize = _props9.enableReinitialize,
                    error = _props9.error,
                    focus = _props9.focus,
                    form = _props9.form,
                    getFormState = _props9.getFormState,
                    immutableProps = _props9.immutableProps,
                    initialize = _props9.initialize,
                    initialized = _props9.initialized,
                    initialValues = _props9.initialValues,
                    invalid = _props9.invalid,
                    keepDirtyOnReinitialize = _props9.keepDirtyOnReinitialize,
                    keepValues = _props9.keepValues,
                    updateUnregisteredFields = _props9.updateUnregisteredFields,
                    pristine = _props9.pristine,
                    propNamespace = _props9.propNamespace,
                    registeredFields = _props9.registeredFields,
                    registerField = _props9.registerField,
                    reset = _props9.reset,
                    resetSection = _props9.resetSection,
                    setSubmitFailed = _props9.setSubmitFailed,
                    setSubmitSucceeded = _props9.setSubmitSucceeded,
                    shouldAsyncValidate = _props9.shouldAsyncValidate,

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shouldValidate = _props9.shouldValidate,\n          shouldError = _props9.shouldError,\n          shouldWarn =
_props9.shouldWarn,\n          startAsyncValidation = _props9.startAsyncValidation,\n          startSubmit =
_props9.startSubmit,\n          stopAsyncValidation = _props9.stopAsyncValidation,\n          stopSubmit =
_props9.stopSubmit,\n          submitting = _props9.submitting,\n          submitFailed =
_props9.submitFailed,\n          submitSucceeded = _props9.submitSucceeded,\n          touch =
_props9.touch,\n          touchOnBlur = _props9.touchOnBlur,\n          touchOnChange =
_props9.touchOnChange,\n          persistentSubmitErrors = _props9.persistentSubmitErrors,\n          syncErrors = _props9.syncErrors,\n          syncWarnings = _props9.syncWarnings,\n          unregisterField =
_props9.unregisterField,\n          untouch = _props9.untouch,\n          updateSyncErrors =
_props9.updateSyncErrors,\n          updateSyncWarnings = _props9.updateSyncWarnings,\n          valid =
_props9.valid,\n          validExceptSubmit = _props9.validExceptSubmit,\n          values = _props9.values,\n          warning = _props9.warning,\n          rest = _objectWithoutProperties(_props9, ['anyTouched', 'array',
'arrayInsert', 'arrayMove', 'arrayPop', 'arrayPush', 'arrayRemove', 'arrayRemoveAll', 'arrayShift', 'arraySplice',
'arraySwap', 'arrayUnshift', 'asyncErrors', 'asyncValidate', 'asyncValidating', 'blur', 'change', 'clearSubmit', 'destroy',
'destroyOnUnmount', 'forceUnregisterOnUnmount', 'dirty', 'dispatch', 'enableReinitialize', 'error', 'focus', 'form',
'getFormState', 'immutableProps', 'initialize', 'initialized', 'initialValues', 'invalid', 'keepDirtyOnReinitialize',
'keepValues', 'updateUnregisteredFields', 'pristine', 'propNamespace', 'registeredFields', 'registerField', 'reset',
'resetSection', 'setSubmitFailed', 'setSubmitSucceeded', 'shouldAsyncValidate', 'shouldValidate', 'shouldError',
'shouldWarn', 'startAsyncValidation', 'startSubmit', 'stopAsyncValidation', 'stopSubmit', 'submitting', 'submitFailed',
'submitSucceeded', 'touch', 'touchOnBlur', 'touchOnChange', 'persistentSubmitErrors', 'syncErrors', 'syncWarnings',
'unregisterField', 'untouch', 'updateSyncErrors', 'updateSyncWarnings', 'valid', 'validExceptSubmit', 'values',
'warning']);\n          /* eslint-enable no-unused-vars */\n          var reduxFormProps = _extends({\narray: array,\n          anyTouched: anyTouched,\n          asyncValidate: this.asyncValidate,\n          asyncValidating: asyncValidating\n          }, bindActionCreators({\n          blur: blur,\n          change: change\n          }, dispatch), {\n          clearSubmit: clearSubmit,\n          destroy: destroy,\n          dirty: dirty,\n          dispatch: dispatch,\n          error: error,\n          form: form,\n          handleSubmit: this.submit,\n          initialize: initialize,\n          initialized: initialized,\n          initialValues: initialValues,\n          invalid:
invalid,\n          pristine: pristine,\n          reset: reset,\n          resetSection: resetSection,\n          submitting:
submitting,\n          submitFailed: submitFailed,\n          submitSucceeded: submitSucceeded,\n          touch:
touch,\n          untouch: untouch,\n          valid: valid,\n          warning: warning\n          });\n          var
propsToPass = _extends({}, propNamespace ? _defineProperty({}, propNamespace, reduxFormProps) :
reduxFormProps, rest);\n          if (isClassComponent(WrappedComponent)) {\n          ;\n          propsToPass.ref = this.saveRef;\n          }\n          return createElement(WrappedComponent, propsToPass);\n          }\n          });\n          return Form;\n          }(Component);\n          Form.displayName = 'Form(' +
getDisplayNames(WrappedComponent) + ')';\n          Form.WrappedComponent = WrappedComponent;\n          Form.childContextTypes = {\n          _reduxForm: PropTypes.object.isRequired\n          };
Form.propTypes = {\n          destroyOnUnmount: PropTypes.bool,\n          forceUnregisterOnUnmount: PropTypes.bool,\n          form:
PropTypes.string.isRequired,\n          immutableProps: PropTypes.arrayOf(PropTypes.string),\n          initialValues:
PropTypes.oneOfType([PropTypes.array, PropTypes.object]),\n          getFormState: PropTypes.func,\n          onSubmitFail: PropTypes.func,\n          onSubmitSuccess: PropTypes.func,\n          propNamespace:
PropTypes.string,\n          validate: PropTypes.func,\n          warn: PropTypes.func,\n          touchOnBlur:
PropTypes.bool,\n          touchOnChange: PropTypes.bool,\n          triggerSubmit: PropTypes.bool,\n          persistentSubmitErrors: PropTypes.bool,\n          registeredFields: PropTypes.any\n          };
var connector =
connect(function (state, props) {\n          var form = props.form,\n          getFormState = props.getFormState,\n          initialValues = props.initialValues,\n          enableReinitialize = props.enableReinitialize,\n          keepDirtyOnReinitialize = props.keepDirtyOnReinitialize;\n          var formState = getIn(getFormState(state) || empty,
form) || empty;\n          var stateInitial = getIn(formState, 'initial');\n          var initialized = !!stateInitial;\n          var
shouldUpdateInitialValues = enableReinitialize && initialized && !deepEqual(initialValues, stateInitial);\n          var

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shouldResetValues = shouldUpdateInitialValues && !keepDirtyOnReinitialize;\n    var initial = initialValues ||
stateInitial || empty;\n    if (shouldUpdateInitialValues) {\n        initial = stateInitial || empty;\n    }\n\n    var values = getIn(formState, 'values') || initial;\n    if (shouldResetValues) {\n        values = initial;\n    }\n\n    var pristine = shouldResetValues || deepEqual(initial, values);\n    var asyncErrors = getIn(formState,
'asyncErrors');\n    var syncErrors = getIn(formState, 'syncErrors') || plain.empty;\n    var syncWarnings =
getIn(formState, 'syncWarnings') || plain.empty;\n    var registeredFields = getIn(formState, 'registeredFields');\n
    var valid = isValid(form, getFormState, false)(state);\n    var validExceptSubmit = isValid(form, getFormState,
true)(state);\n    var anyTouched = !!getIn(formState, 'anyTouched');\n    var submitting = !!getIn(formState,
'submitting');\n    var submitFailed = !!getIn(formState, 'submitFailed');\n    var submitSucceeded =
!!getIn(formState, 'submitSucceeded');\n    var error = getIn(formState, 'error');\n    var warning =
getIn(formState, 'warning');\n    var triggerSubmit = getIn(formState, 'triggerSubmit');\n    return {\n
anyTouched: anyTouched,\n        asyncErrors: asyncErrors,\n        asyncValidating: getIn(formState,
'asyncValidating') || false,\n        dirty: !pristine,\n        error: error,\n        initialized: initialized,\n        invalid:
!valid,\n        pristine: pristine,\n        registeredFields: registeredFields,\n        submitting: submitting,\n
submitFailed: submitFailed,\n        submitSucceeded: submitSucceeded,\n        syncErrors: syncErrors,\n
syncWarnings: syncWarnings,\n        triggerSubmit: triggerSubmit,\n        values: values,\n        valid: valid,\n
validExceptSubmit: validExceptSubmit,\n        warning: warning\n    };
}, function (dispatch, initialProps)
{\n    var bindForm = function bindForm(actionCreator) {\n        return actionCreator.bind(null,
initialProps.form);\n    }; // Bind the first parameter on `props.form`\n\n    var boundFormACs =
_mapValues(formActions, bindForm);\n\n    var boundArrayACs = _mapValues(arrayActions, bindForm);\n\n    var boundBlur = function boundBlur(field, value) {\n        return blur(initialProps.form, field, value,
!!initialProps.touchOnBlur);\n    };
\n    var boundChange = function boundChange(field, value) {\n
return change(initialProps.form, field, value, !!initialProps.touchOnChange, !!initialProps.persistentSubmitErrors);\n
    };
\n    var boundFocus = bindForm(focus); // Wrap action creators with `dispatch`\n\n    var
connectedFormACs = bindActionCreators(boundFormACs, dispatch);\n    var connectedArrayACs = {\n
insert: bindActionCreators(boundArrayACs.arrayInsert, dispatch),\n        move:
bindActionCreators(boundArrayACs.arrayMove, dispatch),\n        pop:
bindActionCreators(boundArrayACs.arrayPop, dispatch),\n        push:
bindActionCreators(boundArrayACs.arrayPush, dispatch),\n        remove:
bindActionCreators(boundArrayACs.arrayRemove, dispatch),\n        removeAll:
bindActionCreators(boundArrayACs.arrayRemoveAll, dispatch),\n        shift:
bindActionCreators(boundArrayACs.arrayShift, dispatch),\n        splice:
bindActionCreators(boundArrayACs.arraySplice, dispatch),\n        swap:
bindActionCreators(boundArrayACs.arraySwap, dispatch),\n        unshift:
bindActionCreators(boundArrayACs.arrayUnshift, dispatch)\n    };
\n    var computedActions = _extends({},
connectedFormACs, boundArrayACs, {\n        blur: boundBlur,\n        change: boundChange,\n        array:
connectedArrayACs,\n        focus: boundFocus,\n        dispatch: dispatch\n    });
\n    return function () {\n
return computedActions;\n    };
}, undefined, {\n    withRef: true\n });
\n    var ConnectedForm =
hoistStatics(connector(Form), WrappedComponent);\n    ConnectedForm.defaultProps = config; // build outer
component to expose instance api\n\n    var ReduxForm = function (_Component2) {\n        _inherits(ReduxForm,
_Component2);\n\n        function ReduxForm() {\n            _classCallCheck(this, ReduxForm);\n\n            return
_possibleConstructorReturn(this, (ReduxForm.__proto__ || Object.getPrototypeOf(ReduxForm)).apply(this,
arguments));\n        }\n\n        _createClass(ReduxForm, [{\n            key: 'submit',\n            value: function submit() {\n
return this.ref && this.ref.getWrappedInstance().submit();\n            }\n        }, {\n            key: 'reset',\n
value: function reset() {\n                if (this.ref) {\n                    this.ref.getWrappedInstance().reset();\n                }\n            }\n        }, {\n            key: 'render',\n            value: function render() {\n                var _this5 = this;\n                var _props10 =
this.props,\n                    initialValues = _props10.initialValues,\n                    rest = _objectWithoutProperties(_props10,
['initialValues']);\n                return createElement(ConnectedForm, _extends({}, rest, {\n                    ref: function

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ref(_ref3) {\n      _this5.ref = _ref3;\n    },\n    // convert initialValues if need to\n    initialValues: fromJS(initialValues)\n  ));\n  }, {\n    key: 'valid',\n    get: function get()\n  {\n    return !(this.ref && this.ref.getWrappedInstance().isValid());\n  }}, {\n    key: 'invalid',\n    get: function get() {\n      return !this.valid;\n    }}, {\n    key: 'pristine',\n    get: function\n    get() {\n      return !(this.ref && this.ref.getWrappedInstance().isPristine());\n    }}, {\n    key:\n    'dirty',\n    get: function get() {\n      return !this.pristine;\n    }}, {\n    key: 'values',\n    get:\n    function get() {\n      return this.ref ? this.ref.getWrappedInstance().getValues() : empty;\n    }}, {\n    key: 'fieldList',\n    get: function get() {\n      // mainly provided for testing\n      return this.ref ?\n      this.ref.getWrappedInstance().getFieldList() : [];\n    }}, {\n    key: 'wrappedInstance',\n    get:\n    function get() {\n      // for testing\n      return this.ref && this.ref.getWrappedInstance().wrapped;\n    }\n  }]);\n  return ReduxForm;\n}(Component);\n\npolyfill(ReduxForm);\n\nreturn\nhoistStatics(ReduxForm, WrappedComponent);\n};\n};\n};\n\n\nexport default createReduxForm;","import\ncreateReduxForm from './createReduxForm';\nimport plain from './structure/plain';\nexport default\ncreateReduxForm(plain);","var _extends = Object.assign || function (target) {\n  for (var i = 1; i < arguments.length;\ni++) {\n    var source = arguments[i];\n    for (var key in source) {\n      if\n      (Object.prototype.hasOwnProperty.call(source, key)) {\n        target[key] = source[key];\n      }\n    }\n  }\n  return\n  target;\n};\n\nfunction _objectWithoutProperties(obj, keys) {\n  var target = {};\n  for (var i in obj) {\n    if\n    (keys.indexOf(i) >= 0) continue;\n    if (!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n    target[i] =\n    obj[i];\n  }\n  return target;\n}\n\nvar processProps = function processProps(type, props, _value, deepEqual) {\n  var value = props.value;\n  if (type === 'checkbox') {\n    return _extends({}, props, {\n      checked: !!value\n    });\n  }\n  if (type === 'radio') {\n    return _extends({}, props, {\n      checked: deepEqual(value, _value),\n      value: _value\n    });\n  }\n  if (type === 'select-multiple') {\n    return _extends({}, props, {\n      value: value ||\n      []\n    });\n  }\n  if (type === 'file') {\n    return _extends({}, props, {\n      value: value || undefined\n    });\n  }\n  return\n  props;\n};\n\nvar createFieldProps = function createFieldProps(_ref2, name, _ref) {\n  var getIn =\n  _ref2.getIn,\n  toJS = _ref2.toJS,\n  deepEqual = _ref2.deepEqual;\n  var asyncError = _ref.asyncError,\n  asyncValidating = _ref.asyncValidating,\n  onBlur = _ref.onBlur,\n  onChange = _ref.onChange,\n  onDrop =\n  _ref.onDrop,\n  onDragStart = _ref.onDragStart,\n  dirty = _ref.dirty,\n  dispatch = _ref.dispatch,\n  onFocus = _ref.onFocus,\n  form = _ref.form,\n  format = _ref.format,\n  initial = _ref.initial,\n  parse =\n  _ref.parse,\n  pristine = _ref.pristine,\n  props = _ref.props,\n  state = _ref.state,\n  submitError =\n  _ref.submitError,\n  submitFailed = _ref.submitFailed,\n  submitting = _ref.submitting,\n  syncError =\n  _ref.syncError,\n  syncWarning = _ref.syncWarning,\n  validate = _ref.validate,\n  value = _ref.value,\n  _value = _ref._value,\n  warn = _ref.warn,\n  custom = _objectWithoutProperties(_ref, ['asyncError',\n  'asyncValidating', 'onBlur', 'onChange', 'onDrop', 'onDragStart', 'dirty', 'dispatch', 'onFocus', 'form', 'format', 'initial',\n  'parse', 'pristine', 'props', 'state', 'submitError', 'submitFailed', 'submitting', 'syncError', 'syncWarning', 'validate',\n  'value', '_value', 'warn']);\n  var error = syncError || asyncError || submitError;\n  var warning = syncWarning;\n  var\n  formatFieldValue = function formatFieldValue(value, format) {\n    if (format === null) {\n      return value;\n    }\n    var\n    defaultFormattedValue = value == null ? '' : value;\n    return format ? format(value, name) :\n    defaultFormattedValue;\n  };\n  var\n  formattedFieldValue = formatFieldValue(value, format);\n  return {\n    input:\n    processProps(custom.type, {\n      name: name,\n      onBlur: onBlur,\n      onChange: onChange,\n      onDragStart:\n      onDragStart,\n      onDrop: onDrop,\n      onFocus: onFocus,\n      value: formattedFieldValue\n    }, _value,\n    deepEqual),\n    meta: _extends({}, toJS(state), {\n      active: !(state && getIn(state, 'active')), \n      asyncValidating: asyncValidating,\n      autofilled: !(state && getIn(state, 'autofilled')), \n      dirty: dirty,\n      dispatch: dispatch,\n      error: error,\n      form: form,\n      initial: initial,\n      warning: warning,\n      invalid: !!error,\n      pristine: pristine,\n      submitting: !!submitting,\n      submitFailed: !!submitFailed,\n      touched: !!\n      (state && getIn(state, 'touched')), \n      valid: !error,\n      visited: !(state && getIn(state, 'visited'))\n    }),\n    custom: _extends({}, custom, props)\n  };\n};\n\n\nexport default createFieldProps;","import\nisEvent from './isEvent';\n\nvar\ngetSelectedValues = function\ngetSelectedValues(options) {\n  var result = [];\n  if (options) {\n    for (var index = 0; index < options.length; index++) {\n      var\n      option = options[index];\n      if (option.selected)

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{\n    result.push(option.value);\n    }\n }\n\n return result;\n};\n\nvar getValue = function getValue(event,
isReactNative) {\n if (isEvent(event)) {\n if (!isReactNative && event.nativeEvent && event.nativeEvent.text
!== undefined) {\n    return event.nativeEvent.text;\n    }\n\n if (isReactNative && event.nativeEvent !==
undefined) {\n    return event.nativeEvent.text;\n    }\n\n var detypedEvent = event;\n var _detypedEvent$target
= detypedEvent.target,\n    type = _detypedEvent$target.type,\n    value = _detypedEvent$target.value,\n    checked = _detypedEvent$target.checked,\n    files = _detypedEvent$target.files,\n    dataTransfer =
detypedEvent.dataTransfer;\n\n if (type === 'checkbox') {\n    return !checked;\n    }\n\n if (type === 'file') {\n
return files || dataTransfer && dataTransfer.files;\n    }\n\n if (type === 'select-multiple') {\n    return
getSelectedValues(event.target.options);\n    }\n\n return value;\n }\n\n return event;\n};\n\nexport default
getValue;","var isReactNative = typeof window !== 'undefined' && window.navigator &&
window.navigator.product && window.navigator.product === 'ReactNative';\n\nexport default
isReactNative;","import getValue from './getValue';\n\nimport isReactNative from './isReactNative';\n\nvar
onChangeValue = function onChangeValue(event, _ref) {\n var name = _ref.name,\n    parse = _ref.parse,\n    normalize = _ref.normalize; // read value from input\n\n var value = getValue(event, isReactNative); // parse value
if we have a parser\n\n if (parse) {\n    value = parse(value, name);\n    } // normalize value\n\n\n if (normalize) {\n
value = normalize(name, value);\n    }\n\n return value;\n};\n\nexport default onChangeValue;","export var dataKey
= 'text';","var _extends = Object.assign || function (target) {\n for (var i = 1; i < arguments.length; i++) {\n var
source = arguments[i];\n\n for (var key in source) {\n if (Object.prototype.hasOwnProperty.call(source, key))
{\n    target[key] = source[key];\n    }\n }\n }\n\n return target;\n};\n\nvar _createClass = function () {\n
function defineProperties(target, props) {\n for (var i = 0; i < props.length; i++) {\n var descriptor = props[i];\n
descriptor.enumerable = descriptor.enumerable || false;\n    descriptor.configurable = true;\n    if (!"value" in
descriptor) descriptor.writable = true;\n    Object.defineProperty(target, descriptor.key, descriptor);\n    }\n }\n\n
return function (Constructor, protoProps, staticProps) {\n if (protoProps) defineProperties(Constructor.prototype,
protoProps);\n if (staticProps) defineProperties(Constructor, staticProps);\n return Constructor;\n };
\n};\n\nvar _typeof = typeof Symbol === "function" && typeof Symbol.iterator === "symbol" ? function (obj) {\n return
typeof obj;\n } : function (obj) {\n return obj && typeof Symbol === "function" && obj.constructor === Symbol
&& obj !== Symbol.prototype ? "symbol" : typeof obj;\n};\n\nfunction _objectWithoutProperties(obj, keys) {\n
var target = {};\n\n for (var i in obj) {\n if (keys.indexOf(i) >= 0) continue;\n if
(!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n    target[i] = obj[i];\n }\n\n return
target;\n}\n\nfunction _classCallCheck(instance, Constructor) {\n if (!(instance instanceof Constructor)) {\n throw
new TypeError("Cannot call a class as a function");\n    }\n}\n\nfunction _possibleConstructorReturn(self, call) {\n
if (!self) {\n    throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n    }\n\n
return call && (typeof call === "object" || typeof call === "function") ? call : self;\n}\n\nfunction _inherits(subClass,
superClass) {\n if (typeof superClass !== "function" && superClass !== null) {\n    throw new TypeError("Super
expression must either be null or a function, not " + typeof superClass);\n    }\n\n subClass.prototype =
Object.create(superClass && superClass.prototype, {\n    constructor: {\n    value: subClass,\n    enumerable:
false,\n    writable: true,\n    configurable: true\n    }\n });\n if (superClass) Object.setPrototypeOf ?
Object.setPrototypeOf(subClass, superClass) : subClass.__proto__ = superClass;\n}\n\nimport React, { Component,
createElement } from 'react';\nimport PropTypes from 'prop-types';\nimport { connect } from 'react-redux';\nimport
createFieldProps from './createFieldProps';\nimport onChangeValue from './events/onChangeValue';\nimport {
dataKey } from './util/eventConsts';\nimport plain from './structure/plain';\nimport isReactNative from
 './isReactNative';\n\nvar propsToNotUpdateFor = ['_reduxForm'];\n\nvar isObject = function isObject(entity) {\n
return entity && (typeof entity === 'undefined' ? 'undefined' : _typeof(entity)) === 'object';\n};\n\nvar isFunction =
function isFunction(entity) {\n return entity && typeof entity === 'function';\n};\n\nvar eventPreventDefault =
function eventPreventDefault(event) {\n if (isObject(event) && isFunction(event.preventDefault)) {\n
event.preventDefault();\n    }\n};\n\nvar eventDataTransferGetData = function eventDataTransferGetData(event, key)
{\n if (isObject(event) && isObject(event.dataTransfer) && isFunction(event.dataTransfer.getData)) {\n
return event.dataTransfer.getData(key);\n    }\n};\n\nvar eventDataTransferSetData = function

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eventDataTransferSetData(event, key, value) {\n  if (isObject(event) && isObject(event.dataTransfer) &&
isFunction(event.dataTransfer.setData)) {\n    event.dataTransfer.setData(key, value);\n  }\n};\n\nvar
createConnectedField = function createConnectedField(structure) {\n  var deepEqual = structure.deepEqual,\n  getIn = structure.getIn;\n\n  var getSyncError = function getSyncError(syncErrors, name) {\n    var error =
plain.getIn(syncErrors, name); // Because the error for this field might not be at a level in the error structure where\n
// it can be set directly, it might need to be unwrapped from the _error property\n\n    return error && error._error ?
error._error : error;\n  };\n\n  var getSyncWarning = function getSyncWarning(syncWarnings, name) {\n    var
warning = getIn(syncWarnings, name); // Because the warning for this field might not be at a level in the warning
structure where\n  // it can be set directly, it might need to be unwrapped from the _warning property\n\n    return
warning && warning._warning ? warning._warning : warning;\n  };\n\n  var ConnectedField = function
(_Component) {\n    _inherits(ConnectedField, _Component);\n\n    function ConnectedField() {\n      var _ref;\n\n      var _temp, _this, _ret;\n\n      _classCallCheck(this, ConnectedField);\n\n      for (var _len = arguments.length, args
= Array(_len), _key = 0; _key < _len; _key++) {\n        args[_key] = arguments[_key];\n      }\n\n      return _ret =
(_temp = (_this = _possibleConstructorReturn(this, (_ref = ConnectedField.__proto__ ||
Object.getPrototypeOf(ConnectedField)).call.apply(_ref, [this].concat(args))), _this), _this.saveRef = function (ref)
{\n        return _this.ref = ref;\n      }, _this.isPristine = function () {\n        return _this.props.pristine;\n      },
_this.getValue = function () {\n        return _this.props.value;\n      }, _this.handleChange = function (event) {\n
var _this$props = _this.props,\n        name = _this$props.name,\n        dispatch = _this$props.dispatch,\n
parse = _this$props.parse,\n        normalize = _this$props.normalize,\n        onChange =
_this$props.onChange,\n        _reduxForm = _this$props._reduxForm,\n        previousValue =
_this$props.value;\n        var newValue = onChangeValue(event, {\n          name: name,\n          parse: parse,\n
normalize: normalize\n        });\n        var defaultPrevented = false;\n\n        if (onChange) {\n          // Can't seem to
find a way to extend Event in React Native,\n          // thus I simply avoid adding preventDefault() in a RN
environment\n          // to prevent the following error:\n          // `One of the sources for assign has an enumerable key
on the prototype chain`\n          // Reference: https://github.com/facebook/react-native/issues/5507\n          if
(!isReactNative) {\n            onChange(_extends({}, event, {\n              preventDefault: function preventDefault() {\n
                defaultPrevented = true;\n                return eventPreventDefault(event);\n              }\n            })), newValue,
previousValue, name);\n          } else {\n            onChange(event, newValue, previousValue, name);\n          }\n
}\n\n        if (!defaultPrevented) {\n          // dispatch change action\n          dispatch(_reduxForm.change(name,
newValue)); // call post-change callback\n          if (_reduxForm.asyncValidate) {\n            _reduxForm.asyncValidate(name,
newValue, 'change');\n          }\n        }\n      }, _this.handleFocus = function
(event) {\n        var _this$props2 = _this.props,\n          name = _this$props2.name,\n          dispatch =
_this$props2.dispatch,\n          onFocus = _this$props2.onFocus,\n          _reduxForm =
_this$props2._reduxForm;\n        var defaultPrevented = false;\n\n        if (onFocus) {\n          if (!isReactNative) {\n
            onFocus(_extends({}, event, {\n              preventDefault: function preventDefault() {\n
                defaultPrevented = true;\n                return eventPreventDefault(event);\n              }\n            })), name);\n          } else
{\n            onFocus(event, name);\n          }\n        }\n\n        if (!defaultPrevented) {\n          dispatch(_reduxForm.focus(name));\n        }\n      }, _this.handleBlur = function (event) {\n        var _this$props3 =
_this.props,\n          name = _this$props3.name,\n          dispatch = _this$props3.dispatch,\n          parse =
_this$props3.parse,\n          normalize = _this$props3.normalize,\n          onBlur = _this$props3.onBlur,\n
_reduxForm = _this$props3._reduxForm,\n          _value = _this$props3._value,\n          previousValue =
_this$props3.value;\n        var newValue = onChangeValue(event, {\n          name: name,\n          parse: parse,\n
normalize: normalize\n        }); // for checkbox and radio, if the value property of checkbox or radio equals\n
// the value passed by blur event, then fire blur action with previousValue.\n\n        if (newValue === _value &&
_value !== undefined) {\n          newValue = previousValue;\n        }\n\n        var defaultPrevented = false;\n\n        if
(onBlur) {\n          if (!isReactNative) {\n            onBlur(_extends({}, event, {\n              preventDefault: function
preventDefault() {\n                defaultPrevented = true;\n                return eventPreventDefault(event);\n              }\n            })), newValue, previousValue, name);\n          } else {\n            onBlur(event, newValue, previousValue,

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name);\n    }\n    }\n\n    if (!defaultPrevented) {\n        // dispatch blur action\n        dispatch(_reduxForm.blur(name, newValue)); // call post-blur callback\n\n        if (_reduxForm.asyncValidate) {\n            _reduxForm.asyncValidate(name, newValue, 'blur');\n        }\n    }\n    }, _this.handleDragStart = function\n(event) {\n    var _this$props4 = _this.props,\n        name = _this$props4.name,\n        onDragStart =\n        _this$props4.onDragStart,\n        value = _this$props4.value;\n    eventDataTransferSetData(event, dataKey,\nvalue == null ? '' : value);\n\n    if (onDragStart) {\n        onDragStart(event, name);\n    }\n    },\n    _this.handleDrop = function (event) {\n    var _this$props5 = _this.props,\n        name = _this$props5.name,\n        dispatch = _this$props5.dispatch,\n        onDrop = _this$props5.onDrop,\n        _reduxForm =\n        _this$props5._reduxForm,\n        previousValue = _this$props5.value;\n    var newValue =\n    eventDataTransferGetData(event, dataKey);\n    var defaultPrevented = false;\n\n    if (onDrop) {\n        onDrop(_extends({}, event, {\n            preventDefault: function preventDefault() {\n                defaultPrevented =\n                true;\n                return eventPreventDefault(event);\n            }\n        })), newValue, previousValue, name);\n    }\n\n    if (!defaultPrevented) {\n        // dispatch change action\n        dispatch(_reduxForm.change(name,\n        newValue));\n        eventPreventDefault(event);\n    }\n    }, _temp), _possibleConstructorReturn(_this, _ret);\n\n    }\n\n    _createClass(ConnectedField, [{\n    key: 'shouldComponentUpdate',\n    value: function\n    shouldComponentUpdate(nextProps) {\n    var _this2 = this;\n    var nextPropsKeys =\n    Object.keys(nextProps);\n    var thisPropsKeys = Object.keys(this.props); // if we have children, we MUST\n    update in React 16\n    // https://twitter.com/erikras/status/915866544558788608\n    return\n    !(this.props.children || nextProps.children || nextPropsKeys.length !== thisPropsKeys.length ||\n    nextPropsKeys.some(function (prop) {\n    if (~(nextProps.immutableProps || []).indexOf(prop)) {\n    return _this2.props[prop] !== nextProps[prop];\n    }\n\n    return !~propsToNotUpdateFor.indexOf(prop)\n    && !deepEqual(_this2.props[prop], nextProps[prop]);\n    }));\n    }}, {\n    key:\n    'getRenderedComponent',\n    value: function getRenderedComponent() {\n    return this.ref;\n    }}, {\n    key: 'render',\n    value: function render() {\n    var _props = this.props,\n        component =\n        _props.component,\n        withRef = _props.withRef,\n        name = _props.name,\n        _reduxForm =\n        _props._reduxForm,\n        normalize = _props.normalize,\n        onBlur = _props.onBlur,\n        onChange =\n        _props.onChange,\n        onFocus = _props.onFocus,\n        onDragStart = _props.onDragStart,\n        onDrop =\n        _props.onDrop,\n        immutableProps = _props.immutableProps,\n        rest =\n        _objectWithoutProperties(_props, ['component', 'withRef', 'name', '_reduxForm', 'normalize', 'onBlur', 'onChange',\n        'onFocus', 'onDragStart', 'onDrop', 'immutableProps']);\n\n    var _createFieldProps = createFieldProps(structure,\n    name, _extends({}, rest, {\n    form: _reduxForm.form,\n    onBlur: this.handleBlur,\n    onChange:\n    this.handleChange,\n    onDrop: this.handleDrop,\n    onDragStart: this.handleDragStart,\n    onFocus:\n    this.handleFocus\n    })),\n        custom = _createFieldProps.custom,\n        props =\n        _objectWithoutProperties(_createFieldProps, ['custom']);\n\n    if (withRef) {\n        custom.ref = this.saveRef;\n    }\n\n    if (typeof component === 'string') {\n        var input = props.input,\n            meta = props.meta; //\n    eslint-disable-line no-unused-vars\n    // flatten input into other props\n    return createElement(component,\n    _extends({}, input, custom));\n    } else {\n        return createElement(component, _extends({}, props,\n        custom));\n    }\n    }}, {\n    key: 'propTypes',\n    value: function\n    propTypes() {\n    return {\n    component: PropTypes.oneOfType([PropTypes.func, PropTypes.string, PropTypes.node]).isRequired,\n    props: PropTypes.object\n    };\n    }\n    }, {\n    key: 'connector',\n    value: function\n    connector() {\n    return connect(function (state, ownProps) {\n    var name =\n    ownProps.name,\n        _ownProps$_reduxForm = ownProps._reduxForm,\n        initialValues =\n        _ownProps$_reduxForm.initialValues,\n        getFormState = _ownProps$_reduxForm.getFormState;\n    var\n    formState = getFormState(state);\n    var initialState = getIn(formState, 'initial.' + name);\n    var initial = initialState\n    !== undefined ? initialState : initialValues && getIn(initialValues, name);\n    var value = getIn(formState, 'values.'\n    + name);\n    var submitting = getIn(formState, 'submitting');\n    var syncError = getSyncError(getIn(formState,\n    'syncErrors'), name);\n    var syncWarning = getSyncWarning(getIn(formState,\n    'syncWarnings'), name);\n    var\n    pristine = deepEqual(value, initial);\n    return {\n    asyncError: getIn(formState, 'asyncErrors.' + name),\n    asyncValidating: getIn(formState, 'asyncValidating') === name,\n    dirty: !pristine,\n    pristine: pristine,\n
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state: getIn(formState, 'fields.' + name),\n  submitError: getIn(formState, 'submitErrors.' + name),\n
submitFailed: getIn(formState, 'submitFailed'),\n  submitting: submitting,\n  syncError: syncError,\n
syncWarning: syncWarning,\n  initial: initial,\n  value: value,\n  _value: ownProps.value // save value passed
in (for checkboxes)\n\n  });\n }, undefined, undefined, {\n  withRef: true\n });\n return
connector(ConnectedField);\n};\n\nexport default createConnectedField;","import _isEqualWith from 'lodash-
es/isEqualWith';\n\nvar customizer = function customizer(objectValue, otherValue, indexOrKey, object, other, stack)
{\n // https://lodash.com/docs/4.17.4#isEqualWith\n if (stack) {\n // Shallow compares\n // For 1st level, stack
=== undefined.\n // -> Do nothing (and implicitly return undefined so that it goes to compare 2nd level)\n // For
2nd level and up, stack !== undefined.\n // -> Compare by === operator\n return objectValue ===
otherValue;\n }\n};\n\nvar shallowCompare = function shallowCompare(instance, nextProps, nextState) {\n var
propsEqual = _isEqualWith(instance.props, nextProps, customizer);\n\n var stateEqual =
_isEqualWith(instance.state, nextState, customizer);\n\n return !propsEqual || !stateEqual;\n};\n\nexport default
shallowCompare;","var _extends = Object.assign || function (target) {\n for (var i = 1; i < arguments.length; i++) {\n
var source = arguments[i];\n for (var key in source) {\n if (Object.prototype.hasOwnProperty.call(source,
key)) {\n target[key] = source[key];\n }\n }\n }\n\n return target;\n};\n\nvar _createClass = function () {\n
function defineProperties(target, props) {\n for (var i = 0; i < props.length; i++) {\n var descriptor = props[i];\n
descriptor.enumerable = descriptor.enumerable || false;\n descriptor.configurable = true;\n if (!"value" in
descriptor) descriptor.writable = true;\n Object.defineProperty(target, descriptor.key, descriptor);\n }\n }\n\n
return function (Constructor, protoProps, staticProps) {\n if (protoProps) defineProperties(Constructor.prototype,
protoProps);\n if (staticProps) defineProperties(Constructor, staticProps);\n return Constructor;\n
};\n};\n\nfunction _classCallCheck(instance, Constructor) {\n if (!(instance instanceof Constructor)) {\n throw
new TypeError("Cannot call a class as a function");\n }\n}\n\nfunction _possibleConstructorReturn(self, call) {\n
if (!self) {\n throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n }\n\n
return call && (typeof call === "object" || typeof call === "function") ? call : self;\n}\n\nfunction _inherits(subClass,
superClass) {\n if (typeof superClass !== "function" && superClass !== null) {\n throw new TypeError("Super
expression must either be null or a function, not " + typeof superClass);\n }\n\n subClass.prototype =
Object.create(superClass && superClass.prototype, {\n constructor: {\n value: subClass,\n enumerable:
false,\n writable: true,\n configurable: true\n }\n });\n if (superClass) Object.setPrototypeOf ?
Object.setPrototypeOf(subClass, superClass) : subClass.__proto__ = superClass;\n}\n\nimport React, { Component,
createElement } from 'react';\nimport { polyfill } from 'react-lifecycles-compat';\nimport PropTypes from 'prop-
types';\nimport invariant from 'invariant';\nimport createConnectedField from './ConnectedField';\nimport
shallowCompare from './util/shallowCompare';\nimport prefixName from './util/prefixName';\nimport plain from
'./structure/plain';\n\nvar createField = function createField(structure) {\n var ConnectedField =
createConnectedField(structure);\n var setIn = structure.setIn;\n\n var Field = function (_Component) {\n
_inherits(Field, _Component);\n\n function Field(props, context) {\n _classCallCheck(this, Field);\n\n var
_this = _possibleConstructorReturn(this, (Field.__proto__ || Object.getPrototypeOf(Field)).call(this, props,
context));\n\n _this.saveRef = function (ref) {\n return _this.ref = ref;\n }; \n\n _this.normalize =
function (name, value) {\n var normalize = _this.props.normalize;\n\n if (!normalize) {\n return
value;\n }\n\n var previousValues = _this.context._reduxForm.getValues();\n\n var previousValue =
_this.value;\n\n var nextValues = setIn(previousValues, name, value);\n\n return normalize(value,
previousValue, nextValues, previousValues);\n }; \n\n if (!context._reduxForm) {\n throw new
Error('Field must be inside a component decorated with reduxForm());\n }\n\n return _this;\n }\n\n
_createClass(Field, [{\n key: 'componentDidMount',\n value: function componentDidMount() {\n var
_this2 = this;\n\n this.context._reduxForm.register(this.name, 'Field', function () {\n return
_this2.props.validate;\n }, function () {\n return _this2.props.warn;\n });\n }\n }, {\n key:
'shouldComponentUpdate',\n value: function shouldComponentUpdate(nextProps, nextState) {\n return
shallowCompare(this, nextProps, nextState);\n }\n }, {\n key: 'componentWillReceiveProps',\n value:
function componentWillReceiveProps(nextProps, nextContext) {\n var oldName = prefixName(this.context,

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this.props.name);\n    var newName = prefixName(nextContext, nextProps.name);\n\n    if (oldName !==
newName || // use deepEqual here because they could be a function or an array of functions\n
!plain.deepEqual(this.props.validate, nextProps.validate) || !plain.deepEqual(this.props.warn, nextProps.warn)) {\n
    // unregister old name\n    this.context._reduxForm.unregister(oldName); // register new name\n\n    this.context._reduxForm.register(newName, 'Field', function () {\n        return nextProps.validate;\n    },
function () {\n        return nextProps.warn;\n    });\n    }\n    }, {\n    key:
'componentWillUnmount',\n    value: function componentWillUnmount() {\n
this.context._reduxForm.unregister(this.name);\n    }\n    }, {\n    key: 'getRenderedComponent',\n    value:
function getRenderedComponent() {\n        invariant(this.props.withRef, 'If you want to access
getRenderedComponent(), ' + 'you must specify a withRef prop to Field');\n        return this.ref ?
this.ref.getWrappedInstance().getRenderedComponent() : undefined;\n    }\n    }, {\n    key: 'render',\n    value:
function render() {\n        return createElement(ConnectedField, _extends({}, this.props, {\n        name:
this.name,\n        normalize: this.normalize,\n        _reduxForm: this.context._reduxForm,\n        ref:
this.saveRef\n        }));\n    }\n    }, {\n    key: 'name',\n    get: function get() {\n        return
prefixName(this.context, this.props.name);\n    }\n    }, {\n    key: 'dirty',\n    get: function get() {\n        return
!this.pristine;\n    }\n    }, {\n    key: 'pristine',\n    get: function get() {\n        return
!!(this.ref &&
this.ref.getWrappedInstance().isPristine());\n    }\n    }, {\n    key: 'value',\n    get: function get() {\n        return
this.ref && this.ref.getWrappedInstance().getValue();\n    }\n    });\n\n    return Field;\n    }(Component);\n\n    Field.propTypes = {\n    name: PropTypes.string.isRequired,\n    component:
PropTypes.oneOfType([PropTypes.func, PropTypes.string, PropTypes.node]).isRequired,\n    format:
PropTypes.func,\n    normalize: PropTypes.func,\n    onBlur: PropTypes.func,\n    onChange: PropTypes.func,\n
onFocus: PropTypes.func,\n    onDragStart: PropTypes.func,\n    onDrop: PropTypes.func,\n    parse:
PropTypes.func,\n    props: PropTypes.object,\n    validate: PropTypes.oneOfType([PropTypes.func,
PropTypes.arrayOf(PropTypes.func)]),\n    warn: PropTypes.oneOfType([PropTypes.func,
PropTypes.arrayOf(PropTypes.func)]),\n    withRef: PropTypes.bool,\n    immutableProps:
PropTypes.arrayOf(PropTypes.string)\n    };\n    Field.contextTypes = {\n    _reduxForm: PropTypes.object\n    };\n    polyfill(Field);\n    return Field;\n};\n\nexport default createField;","import createField from './createField';\nimport
plain from './structure/plain';\nexport default createField(plain);","var _extends = Object.assign || function (target)
{\n    for (var i = 1; i < arguments.length; i++) {\n        var source = arguments[i];\n\n        for (var key in source) {\n            if
(Object.prototype.hasOwnProperty.call(source, key)) {\n                target[key] = source[key];\n            }\n        }\n    }\n\n    return
target;\n};\n\nfunction _objectWithoutProperties(obj, keys) {\n    var target = {};\n\n    for (var i in obj) {\n        if
(keys.indexOf(i) >= 0) continue;\n        if (!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n        target[i] =
obj[i];\n    }\n\n    return target;\n}\n\nvar createFieldArrayProps = function createFieldArrayProps(_ref2, name, form,
sectionPrefix, getValue, _ref) {\n    var getIn = _ref2.getIn;\n\n    var arrayInsert = _ref.arrayInsert,\n        arrayMove =
_ref.arrayMove,\n        arrayPop = _ref.arrayPop,\n        arrayPush = _ref.arrayPush,\n        arrayRemove =
_ref.arrayRemove,\n        arrayRemoveAll = _ref.arrayRemoveAll,\n        arrayShift = _ref.arrayShift,\n        arraySplice
= _ref.arraySplice,\n        arraySwap = _ref.arraySwap,\n        arrayUnshift = _ref.arrayUnshift,\n        asyncError =
_ref.asyncError,\n        dirty = _ref.dirty,\n        length = _ref.length,\n        pristine = _ref.pristine,\n        submitError =
_ref.submitError,\n        state = _ref.state,\n        submitFailed = _ref.submitFailed,\n        submitting = _ref.submitting,\n
syncError = _ref.syncError,\n        syncWarning = _ref.syncWarning,\n        value = _ref.value,\n        props =
_ref.props,\n        rest = _objectWithoutProperties(_ref, ['arrayInsert', 'arrayMove', 'arrayPop', 'arrayPush',
'arrayRemove', 'arrayRemoveAll', 'arrayShift', 'arraySplice', 'arraySwap', 'arrayUnshift', 'asyncError', 'dirty', 'length',
'pristine', 'submitError', 'state', 'submitFailed', 'submitting', 'syncError', 'syncWarning', 'value', 'props']);\n\n    var error
= syncError || asyncError || submitError;\n    var warning = syncWarning;\n    var fieldName = sectionPrefix ?
name.replace(sectionPrefix + '.', '') : name;\n\n    var finalProps = _extends({\n        fields: {\n        _isFieldArray: true,\n        forEach: function forEach(callback) {\n            return (value || []).forEach(function (item, index) {\n                return
callback(fieldName + '[' + index + ']', index, finalProps.fields);\n            });\n        },\n        get: getValue,\n        getAll:
function getAll() {\n            return value;\n        },\n        insert: arrayInsert,\n        length: length,\n        map: function

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map(callback) {\n    return (value || []).map(function (item, index) {\n        return callback(fieldName + '[' +
index + ']', index, finalProps.fields);\n    });\n    },\n    move: arrayMove,\n    name: name,\n    pop: function
pop() {\n    arrayPop();\n    return getIn(value, String(length - 1));\n    },\n    push: arrayPush,\n    reduce:
function reduce(callback, initial) {\n    return (value || []).reduce(function (accumulator, item, index) {\n
return callback(accumulator, fieldName + '[' + index + ']', index, finalProps.fields);\n    }, initial);\n    },\n
remove: arrayRemove,\n    removeAll: arrayRemoveAll,\n    shift: function shift() {\n    arrayShift();\n
return getIn(value, '0');\n    },\n    splice: arraySplice,\n    swap: arraySwap,\n    unshift: arrayUnshift\n    },\n
meta: {\n    dirty: dirty,\n    error: error,\n    form: form,\n    warning: warning,\n    invalid: !!error,\n
pristine: pristine,\n    submitting: submitting,\n    submitFailed: submitFailed,\n    valid: !error\n    }\n    }, props,
rest);\n\n    return finalProps;\n};\n\nexport default createFieldArrayProps;";\nimport _mapValues from 'lodash-
es/mapValues';\n\nvar _createClass = function () {\n    function defineProperties(target, props) {\n        for (var i = 0; i <
props.length; i++) {\n            var descriptor = props[i];\n            descriptor.enumerable = descriptor.enumerable || false;\n
descriptor.configurable = true;\n            if (!"value" in descriptor) descriptor.writable = true;\n
Object.defineProperty(target, descriptor.key, descriptor);\n        }\n    }\n\n    return function (Constructor, protoProps,
staticProps) {\n        if (protoProps) defineProperties(Constructor.prototype, protoProps);\n        if (staticProps)
defineProperties(Constructor, staticProps);\n        return Constructor;\n    };
}();\n\nfunction
_objectWithoutProperties(obj, keys) {\n    var target = {};\n\n    for (var i in obj) {\n        if (keys.indexOf(i) >= 0)
continue;\n        if (!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n        target[i] = obj[i];\n    }\n\n    return
target;\n}\n\nfunction _classCallCheck(instance, Constructor) {\n    if (!(instance instanceof Constructor)) {\n        throw
new TypeError("Cannot call a class as a function");\n    }\n}\n\nfunction _possibleConstructorReturn(self, call) {\n
if (!self) {\n        throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n    }\n\n    return
call && (typeof call === "object" || typeof call === "function") ? call : self;\n}\n\nfunction _inherits(subClass,
superClass) {\n    if (typeof superClass !== "function" && superClass !== null) {\n        throw new TypeError("Super
expression must either be null or a function, not " + typeof superClass);\n    }\n\n    subClass.prototype =
Object.create(superClass && superClass.prototype, {\n        constructor: {\n            value: subClass,\n            enumerable:
false,\n            writable: true,\n            configurable: true\n        }\n    });\n    if (superClass) Object.setPrototypeOf ?
Object.setPrototypeOf(subClass, superClass) : subClass.__proto__ = superClass;\n}\n\nimport * as React from
'react';\nimport PropTypes from 'prop-types';\nimport { connect } from 'react-redux';\nimport { bindActionCreators
} from 'redux';\nimport createFieldArrayProps from './createFieldArrayProps';\nimport plain from
'./structure/plain';\n\nvar propsToNotUpdateFor = ['_reduxForm', 'value'];\n\nvar createConnectedFieldArray =
function createConnectedFieldArray(structure) {\n    var deepEqual = structure.deepEqual,\n        getIn =
structure.getIn,\n        size = structure.size;\n\n    var getSyncError = function getSyncError(syncErrors, name) {\n        //
For an array, the error can _ONLY_ be under _error.\n        // This is why this getSyncError is not the same as the\n        //
one in Field.\n        return plain.getIn(syncErrors, name + '._error');\n    };\n\n    var getSyncWarning = function
getSyncWarning(syncWarnings, name) {\n        // For an array, the warning can _ONLY_ be under _warning.\n        //
This is why this getSyncError is not the same as the\n        // one in Field.\n        return getIn(syncWarnings, name +
'._warning');\n    };\n\n    var ConnectedFieldArray = function (_React$Component) {\n        _inherits(ConnectedFieldArray,
_React$Component);\n\n        function ConnectedFieldArray() {\n            var _ref;\n\n            var _temp, _this, _ret;\n\n            _classCallCheck(this, ConnectedFieldArray);\n\n            for (var _len = arguments.length,
args = Array(_len), _key = 0; _key < _len; _key++) {\n                args[_key] = arguments[_key];\n            }\n\n            return _ret
= (_temp = (_this = _possibleConstructorReturn(this, (_ref = ConnectedFieldArray.__proto__ ||
Object.getPrototypeOf(ConnectedFieldArray)).call.apply(_ref, [this].concat(args))), _this), _this.saveRef = function
(ref) {\n                _this.ref = ref;\n            }, _this.getValue = function (index) {\n                return _this.props.value &&
getIn(_this.props.value, String(index));\n            }, _temp), _possibleConstructorReturn(_this, _ret));\n        }\n\n        _createClass(ConnectedFieldArray, [{\n            key: 'shouldComponentUpdate',\n            value: function
shouldComponentUpdate(nextProps) {\n                var _this2 = this; // Update if the elements of the value array was
updated.\n\n                var thisValue = this.props.value;\n                var nextValue = nextProps.value;\n\n                if (thisValue
&& nextValue) {\n                    var nextValueItemsSame = nextValue.every(function (val) {\n                        return

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for (var key in source) {\n  if (Object.prototype.hasOwnProperty.call(source, key)) {\n    target[key] =
source[key];\n  }\n}\n\nreturn target;\n};\n\nvar _createClass = function () {\n  function
defineProperties(target, props) {\n    for (var i = 0; i < props.length; i++) {\n      var descriptor = props[i];\n      descriptor.enumerable = descriptor.enumerable || false;\n      descriptor.configurable = true;\n      if (!"value" in
descriptor) descriptor.writable = true;\n      Object.defineProperty(target, descriptor.key, descriptor);\n    }\n  }\n\n  return function (Constructor, protoProps, staticProps) {\n    if (protoProps) defineProperties(Constructor.prototype,
protoProps);\n    if (staticProps) defineProperties(Constructor, staticProps);\n    return Constructor;\n  };\n};\n\nfunction _classCallCheck(instance, Constructor) {\n  if (!(instance instanceof Constructor)) {\n    throw
new TypeError("Cannot call a class as a function");\n  }\n}\n\nfunction _possibleConstructorReturn(self, call) {\n  if (!self) {\n    throw new ReferenceError("this hasn't been initialised - super() hasn't been called");\n  }\n\n  return
call && (typeof call === "object" || typeof call === "function") ? call : self;\n}\n\nfunction _inherits(subClass,
superClass) {\n  if (typeof superClass !== "function" && superClass !== null) {\n    throw new TypeError("Super
expression must either be null or a function, not " + typeof superClass);\n  }\n\n  subClass.prototype =
Object.create(superClass && superClass.prototype, {\n    constructor: {\n      value: subClass,\n      enumerable:
false,\n      writable: true,\n      configurable: true\n    }\n  });\n  if (superClass) Object.setPrototypeOf ?
Object.setPrototypeOf(subClass, superClass) : subClass.__proto__ = superClass;\n}\n\nfunction
_defineProperty(obj, key, value) {\n  if (key in obj) {\n    Object.defineProperty(obj, key, {\n      value: value,\n      enumerable: true,\n      configurable: true,\n      writable: true\n    });\n  } else {\n    obj[key] = value;\n  }\n\n  return
obj;\n}\n\nimport React, { Component, createElement } from 'react';\nimport { polyfill } from 'react-lifecycles-
compat';\nimport PropTypes from 'prop-types';\nimport invariant from 'invariant';\nimport
createConnectedFieldArray from './ConnectedFieldArray';\nimport prefixName from './util/prefixName';\n\nvar
toArray = function toArray(value) {\n  return Array.isArray(value) ? value : [value];\n};\n\nvar wrapError =
function wrapError(fn, key) {\n  return fn && function () {\n    var validators = toArray(fn);\n\n    for (var i = 0; i <
validators.length; i++) {\n      var result = validators[i].apply(validators, arguments);\n\n      if (result) {\n        return
_defineProperty({}, key, result);\n      }\n    }\n  };\n}\n\nvar createFieldArray = function
createFieldArray(structure) {\n  var ConnectedFieldArray = createConnectedFieldArray(structure);\n\n  var
FieldArray = function (_Component) {\n    _inherits(FieldArray, _Component);\n\n    function FieldArray(props,
context) {\n      _classCallCheck(this, FieldArray);\n\n      var _this = _possibleConstructorReturn(this,
(FieldArray.__proto__ || Object.getPrototypeOf(FieldArray)).call(this, props, context));\n\n      _this.saveRef =
function (ref) {\n        _this.ref = ref;\n      };\n\n      if (!context._reduxForm) {\n        throw new Error('FieldArray
must be inside a component decorated with reduxForm());\n      }\n\n      return _this;\n    }\n\n    _createClass(FieldArray, [{\n      key: 'componentDidMount',\n      value: function componentDidMount() {\n        var _this2 = this;\n\n        this.context._reduxForm.register(this.name, 'FieldArray', function () {\n          return
wrapError(_this2.props.validate, '_error');\n        }, function () {\n          return wrapError(_this2.props.warn,
'_warning');\n        });\n      }\n    }, {\n      key: 'componentWillReceiveProps',\n      value: function
componentWillReceiveProps(nextProps, nextContext) {\n        var oldName = prefixName(this.context,
this.props.name);\n        var newName = prefixName(nextContext, nextProps.name);\n\n        if (oldName !==
newName) {\n          // unregister old name\n          this.context._reduxForm.unregister(oldName); // register new
name\n\n          this.context._reduxForm.register(newName, 'FieldArray');\n        }\n      }\n    }, {\n      key:
'componentWillUnmount',\n      value: function componentWillUnmount() {\n        this.context._reduxForm.unregister(this.name);\n      }\n    }, {\n      key: 'getRenderedComponent',\n      value:
function getRenderedComponent() {\n        invariant(this.props.withRef, 'If you want to access
getRenderedComponent(), ' + 'you must specify a withRef prop to FieldArray');\n        return this.ref &&
this.ref.getWrappedInstance().getRenderedComponent();\n      }\n    }, {\n      key: 'render',\n      value: function
render() {\n        return createElement(ConnectedFieldArray, _extends({}, this.props, {\n          name: this.name,\n          _reduxForm: this.context._reduxForm,\n          ref: this.saveRef\n        }));\n      }\n    }, {\n      key: 'name',\n      get: function get() {\n        return prefixName(this.context, this.props.name);\n      }\n    }, {\n      key: 'dirty',\n      get: function get() {\n        return !this.ref || this.ref.getWrappedInstance().dirty;\n      }\n    }, {\n      key: 'pristine',\n

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    get: function get() {\n      return !!(this.ref && this.ref.getWrappedInstance().pristine);\n    }\n  }, {\n    key:
'value',\n    get: function get() {\n      return this.ref ? this.ref.getWrappedInstance().value : undefined;\n    }\n  }
});\n\n return FieldArray;\n }(Component);\n\n FieldArray.propTypes = {\n  name:
PropTypes.string.isRequired,\n  component: PropTypes.oneOfType([PropTypes.func, PropTypes.string,
PropTypes.node]).isRequired,\n  props: PropTypes.object,\n  validate: PropTypes.oneOfType([PropTypes.func,
PropTypes.arrayOf(PropTypes.func)]),\n  warn: PropTypes.oneOfType([PropTypes.func,
PropTypes.arrayOf(PropTypes.func)]),\n  withRef: PropTypes.bool\n };
\n FieldArray.contextTypes = {\n  _reduxForm: PropTypes.object\n };
\n polyfill(FieldArray);\n return FieldArray;\n};\n\nexport default
createFieldArray;"", "import createFieldArray from './createFieldArray';\nimport plain from './structure/plain';\nexport
default createFieldArray(plain);", "import _toPath from 'lodash-es/toPath';\n\nfunction
createDeleteInWithCleanup(structure) {\n  var shouldDeleteDefault = function shouldDeleteDefault(structure) {\n
return function (state, path) {\n      return structure.getIn(state, path) !== undefined;\n    };\n  };\n\n  var deepEqual =
structure.deepEqual,\n  empty = structure.empty,\n  getIn = structure.getIn,\n  deleteIn = structure.deleteIn,\n
setIn = structure.setIn;\n  return function () {\n    var shouldDelete = arguments.length > 0 && arguments[0] !==
undefined ? arguments[0] : shouldDeleteDefault;\n\n    var deleteInWithCleanup = function
deleteInWithCleanup(state, path) {\n      if (path[path.length - 1] === ']') {\n        // array path\n        var pathTokens
= _toPath(path);\n        pathTokens.pop();\n        var parent = getIn(state, pathTokens.join('.'));\n        return parent
? setIn(state, path) : state;\n      }\n\n      var result = state;\n\n      if (shouldDelete(structure)(state, path)) {\n
result = deleteIn(state, path);\n      }\n\n      var dotIndex = path.lastIndexOf('.');\n\n      if (dotIndex > 0) {\n        var
parentPath = path.substr(0, dotIndex);\n\n        if (parentPath[parentPath.length - 1] !== ']') {\n          var _parent
= getIn(result, parentPath);\n\n          if (deepEqual(_parent, empty)) {\n            return deleteInWithCleanup(result,
parentPath);\n          }\n        }\n      }\n\n      return result;\n    };\n\n    return deleteInWithCleanup;\n  };\n}\n\nexport default createDeleteInWithCleanup;"", "function _defineProperty(obj, key, value) {\n if (key in obj)
{\n   Object.defineProperty(obj, key, {\n     value: value,\n     enumerable: true,\n     configurable: true,\n     writable: true\n   });\n } else {\n   obj[key] = value;\n }\n\n return obj;\n}\n\nfunction
_objectWithoutProperties(obj, keys) {\n  var target = {};\n  for (var i in obj) {\n    if (keys.indexOf(i) >= 0)
continue;\n    if (!Object.prototype.hasOwnProperty.call(obj, i)) continue;\n    target[i] = obj[i];\n  }\n\n  return
target;\n}\n\nimport { ARRAY_INSERT, ARRAY_MOVE, ARRAY_POP, ARRAY_PUSH, ARRAY_REMOVE,
ARRAY_REMOVE_ALL, ARRAY_SHIFT, ARRAY_SPLICE, ARRAY_SWAP, ARRAY_UNSHIFT,
AUTOFILL, BLUR, CHANGE, CLEAR_ASYNC_ERROR, CLEAR_SUBMIT, CLEAR_SUBMIT_ERRORS,
DESTROY, FOCUS, INITIALIZE, prefix, REGISTER_FIELD, RESET, RESET_SECTION,
SET_SUBMIT_FAILED, SET_SUBMIT_SUCCEEDED, START_ASYNC_VALIDATION, START_SUBMIT,
STOP_ASYNC_VALIDATION, STOP_SUBMIT, SUBMIT, TOUCH, UNREGISTER_FIELD, UNTOUCH,
UPDATE_SYNC_ERRORS, CLEAR_FIELDS, UPDATE_SYNC_WARNINGS } from './actionTypes';\nimport
createDeleteInWithCleanup from './deleteInWithCleanup';\nimport plain from './structure/plain';\n\nvar
shouldDelete = function shouldDelete(_ref) {\n  var getIn = _ref.getIn;\n  return function (state, path) {\n    var
initialValuesPath = null;\n\n    if (path.startsWith('values')) {\n      initialValuesPath = path.replace('values',
'initial');\n    }\n\n    var initialValueComparison = initialValuesPath ? getIn(state, initialValuesPath) === undefined
: true;\n\n    return getIn(state, path) !== undefined && initialValueComparison;\n  };\n};\n\nvar isReduxFormAction
= function isReduxFormAction(action) {\n  return action && action.type && action.type.length > prefix.length &&
action.type.substr(0, prefix.length) === prefix;\n};\n\nfunction createReducer(structure) {\n  var _behaviors;\n\n  var deepEqual = structure.deepEqual,\n  empty = structure.empty,\n  forEach = structure.forEach,\n  getIn =
structure.getIn,\n  setIn = structure.setIn,\n  deleteIn = structure.deleteIn,\n  fromJS = structure.fromJS,\n  keys = structure.keys,\n  size = structure.size,\n  some = structure.some,\n  splice = structure.splice;\n  var
deleteInWithCleanup = createDeleteInWithCleanup(structure)(shouldDelete);\n  var plainDeleteInWithCleanup =
createDeleteInWithCleanup(plain)(shouldDelete);\n\n  var doSplice = function doSplice(state, key, field, index,
removeNum, value, force) {\n    var existing = getIn(state, key + '.' + field);\n    return existing || force ? setIn(state,
key + '.' + field, splice(existing, index, removeNum, value)) : state;\n  };\n\n  var doPlainSplice = function

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doPlainSplice(state, key, field, index, removeNum, value, force) {\n  var slice = getIn(state, key);\n  var existing =
plain.getIn(slice, field);\n  return existing || force ? setIn(state, key, plain.setIn(slice, field, plain.splice(existing,
index, removeNum, value))) : state;\n };\n\n var rootKeys = ['values', 'fields', 'submitErrors', 'asyncErrors'];\n\n var
arraySplice = function arraySplice(state, field, index, removeNum, value) {\n  var result = state;\n  var
nonValuesValue = value !== null ? empty : undefined;\n  result = doSplice(result, 'values', field, index, removeNum,
value, true);\n  result = doSplice(result, 'fields', field, index, removeNum, nonValuesValue);\n  result =
doPlainSplice(result, 'syncErrors', field, index, removeNum, undefined);\n  result = doPlainSplice(result,
'syncWarnings', field, index, removeNum, undefined);\n  result = doSplice(result, 'submitErrors', field, index,
removeNum, undefined);\n  result = doSplice(result, 'asyncErrors', field, index, removeNum, undefined);\n  return
result;\n };\n\n var behaviors = (_behaviors = { }, _defineProperty(_behaviors, ARRAY_INSERT, function (state,
_ref2) {\n  var _ref2$meta = _ref2.meta,\n      field = _ref2$meta.field,\n      index = _ref2$meta.index,\n
payload = _ref2.payload;\n  return arraySplice(state, field, index, 0, payload);\n }), _defineProperty(_behaviors,
ARRAY_MOVE, function (state, _ref3) {\n  var _ref3$meta = _ref3.meta,\n      field = _ref3$meta.field,\n
from = _ref3$meta.from,\n      to = _ref3$meta.to;\n  var array = getIn(state, 'values.' + field);\n  var length =
array ? size(array) : 0;\n  var result = state;\n\n  if (length) {\n    rootKeys.forEach(function (key) {\n      var
path = key + '.' + field;\n\n      if (getIn(result, path)) {\n        var value = getIn(result, path + '[' + from +
']');\n        result = setIn(result, path, splice(getIn(result, path), from, 1)); // remove\n        result = setIn(result, path,
splice(getIn(result, path), to, 0, value)); // insert\n      }\n    });\n  }\n  return result;\n }),
_defineProperty(_behaviors, ARRAY_POP, function (state, _ref4) {\n  var field = _ref4.meta.field;\n  var array =
getIn(state, 'values.' + field);\n  var length = array ? size(array) : 0;\n  return length ? arraySplice(state, field,
length - 1, 1) : state;\n }), _defineProperty(_behaviors, ARRAY_PUSH, function (state, _ref5) {\n  var field =
_ref5.meta.field,\n      payload = _ref5.payload;\n  var array = getIn(state, 'values.' + field);\n  var length = array
? size(array) : 0;\n  return arraySplice(state, field, length, 0, payload);\n }), _defineProperty(_behaviors,
ARRAY_REMOVE, function (state, _ref6) {\n  var _ref6$meta = _ref6.meta,\n      field = _ref6$meta.field,\n
index = _ref6$meta.index;\n  return arraySplice(state, field, index, 1);\n }), _defineProperty(_behaviors,
ARRAY_REMOVE_ALL, function (state, _ref7) {\n  var field = _ref7.meta.field;\n  var array = getIn(state,
'values.' + field);\n  var length = array ? size(array) : 0;\n  return length ? arraySplice(state, field, 0, length) :
state;\n }), _defineProperty(_behaviors, ARRAY_SHIFT, function (state, _ref8) {\n  var field = _ref8.meta.field;\n
return arraySplice(state, field, 0, 1);\n }), _defineProperty(_behaviors, ARRAY_SPLICE, function (state, _ref9)
{\n  var _ref9$meta = _ref9.meta,\n      field = _ref9$meta.field,\n      index = _ref9$meta.index,\n
removeNum = _ref9$meta.removeNum,\n      payload = _ref9.payload;\n  return arraySplice(state, field, index,
removeNum, payload);\n }), _defineProperty(_behaviors, ARRAY_SWAP, function (state, _ref10) {\n  var
_ref10$meta = _ref10.meta,\n      field = _ref10$meta.field,\n      indexA = _ref10$meta.indexA,\n      indexB =
_ref10$meta.indexB;\n  var result = state;\n  rootKeys.forEach(function (key) {\n    var valueA = getIn(result,
key + '.' + field + '[' + indexA + ']');\n    var valueB = getIn(result, key + '.' + field + '[' + indexB +
']');\n\n    if (valueA !== undefined || valueB !== undefined) {\n      result = setIn(result, key + '.' + field + '[' + indexA +
']', valueB);\n      result = setIn(result, key + '.' + field + '[' + indexB +
']', valueA);\n    }\n  });\n  return result;\n }), _defineProperty(_behaviors, ARRAY_UNSHIFT, function (state, _ref11) {\n  var field = _ref11.meta.field,\n
payload = _ref11.payload;\n  return arraySplice(state, field, 0, 0, payload);\n }), _defineProperty(_behaviors,
AUTOFILL, function (state, _ref12) {\n  var field = _ref12.meta.field,\n      payload = _ref12.payload;\n  var
result = state;\n  result = deleteInWithCleanup(result, 'asyncErrors.' + field);\n  result =
deleteInWithCleanup(result, 'submitErrors.' + field);\n  result = setIn(result, 'fields.' + field + '.autofilled', true);\n
result = setIn(result, 'values.' + field, payload);\n  return result;\n }), _defineProperty(_behaviors, BLUR, function
(state, _ref13) {\n  var _ref13$meta = _ref13.meta,\n      field = _ref13$meta.field,\n      touch =
_ref13$meta.touch,\n      payload = _ref13.payload;\n  var result = state;\n  var initial = getIn(result, 'initial.' +
field);\n\n  if (initial === undefined && payload === "") {\n    result = deleteInWithCleanup(result, 'values.' +
field);\n  } else if (payload !== undefined) {\n    result = setIn(result, 'values.' + field, payload);\n  }\n\n  if
(field === getIn(result, 'active')) {\n    result = deleteIn(result, 'active');\n  }\n\n  result = deleteIn(result, 'fields.'

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+ field + '.active');\n\n if (touch) {\n  result = setIn(result, 'fields.' + field + '.touched', true);\n  result =
setIn(result, 'anyTouched', true);\n } \n\n return result;\n }}, _defineProperty(_behaviors, CHANGE, function
(state, _ref14) {\n  var _ref14$meta = _ref14.meta,\n      field = _ref14$meta.field,\n      touch =
_ref14$meta.touch,\n      persistentSubmitErrors = _ref14$meta.persistentSubmitErrors,\n      payload =
_ref14.payload;\n  var result = state;\n  var initial = getIn(result, 'initial.' + field);\n\n  if (initial === undefined
&& payload === "") {\n    result = deleteInWithCleanUp(result, 'values.' + field);\n  } else if (payload !==
undefined) {\n    result = setIn(result, 'values.' + field, payload);\n  } \n\n  result = deleteInWithCleanUp(result,
'asyncErrors.' + field);\n\n  if (!persistentSubmitErrors) {\n    result = deleteInWithCleanUp(result, 'submitErrors.'
+ field);\n  } \n\n  result = deleteInWithCleanUp(result, 'fields.' + field + '.autofilled');\n\n  if (touch) {\n    result
= setIn(result, 'fields.' + field + '.touched', true);\n    result = setIn(result, 'anyTouched', true);\n  } \n\n  return
result;\n }}, _defineProperty(_behaviors, CLEAR_SUBMIT, function (state) {\n  return deleteIn(state,
'triggerSubmit');\n }}, _defineProperty(_behaviors, CLEAR_SUBMIT_ERRORS, function (state) {\n  var result =
state;\n  result = deleteInWithCleanUp(result, 'submitErrors');\n  result = deleteIn(result, 'error');\n  return
result;\n }}, _defineProperty(_behaviors, CLEAR_ASYNC_ERROR, function (state, _ref15) {\n  var field =
_ref15.meta.field;\n  return deleteIn(state, 'asyncErrors.' + field);\n }}, _defineProperty(_behaviors,
CLEAR_FIELDS, function (state, _ref16) {\n  var _ref16$meta = _ref16.meta,\n      keepTouched =
_ref16$meta.keepTouched,\n      persistentSubmitErrors = _ref16$meta.persistentSubmitErrors,\n      fields =
_ref16$meta.fields;\n  var result = state;\n  fields.forEach(function (field) {\n    result =
deleteInWithCleanUp(result, 'values.' + field);\n    result = deleteInWithCleanUp(result, 'asyncErrors.' + field);\n\n
    if (!persistentSubmitErrors) {\n      result = deleteInWithCleanUp(result, 'submitErrors.' + field);\n    } \n\n
result = deleteInWithCleanUp(result, 'fields.' + field + '.autofilled');\n\n    if (!keepTouched) {\n      result =
deleteIn(result, 'fields.' + field + '.touched');\n    } \n\n  });\n  var anyTouched = some(keys(getIn(result,
'registeredFields')), function (key) {\n    return getIn(result, 'fields.' + key + '.touched');\n  });\n  result =
anyTouched ? setIn(result, 'anyTouched', true) : deleteIn(result, 'anyTouched');\n  return result;\n }},
_defineProperty(_behaviors, FOCUS, function (state, _ref17) {\n  var field = _ref17.meta.field;\n  var result =
state;\n  var previouslyActive = getIn(state, 'active');\n  result = deleteIn(result, 'fields.' + previouslyActive +
'.active');\n  result = setIn(result, 'fields.' + field + '.visited', true);\n  result = setIn(result, 'fields.' + field + '.active',
true);\n  result = setIn(result, 'active', field);\n  return result;\n }}, _defineProperty(_behaviors, INITIALIZE,
function (state, _ref18) {\n  var payload = _ref18.payload,\n      _ref18$meta = _ref18.meta,\n      keepDirty =
_ref18$meta.keepDirty,\n      keepSubmitSucceeded = _ref18$meta.keepSubmitSucceeded,\n      updateUnregisteredFields = _ref18$meta.updateUnregisteredFields,\n      keepValues = _ref18$meta.keepValues;\n  var mapData = fromJS(payload);\n  var result = empty; // clean all field state\n  // persist old warnings, they will
get recalculated if the new form values are different from the old values\n\n  var warning = getIn(state,
'warning');\n\n  if (warning) {\n    result = setIn(result, 'warning', warning);\n  } \n\n  var syncWarnings =
getIn(state, 'syncWarnings');\n\n  if (syncWarnings) {\n    result = setIn(result, 'syncWarnings', syncWarnings);\n  }
// persist old errors, they will get recalculated if the new form values are different from the old values\n\n\n  var
error = getIn(state, 'error');\n\n  if (error) {\n    result = setIn(result, 'error', error);\n  } \n\n  var syncErrors =
getIn(state, 'syncErrors');\n\n  if (syncErrors) {\n    result = setIn(result, 'syncErrors', syncErrors);\n  } \n\n  var
registeredFields = getIn(state, 'registeredFields');\n\n  if (registeredFields) {\n    result = setIn(result,
'registeredFields', registeredFields);\n  } \n\n  var previousValues = getIn(state, 'values');\n  var
previousInitialValues = getIn(state, 'initial');\n  var newInitialValues = mapData;\n  var newValues =
previousValues;\n\n  if (keepDirty && registeredFields) {\n    if (!deepEqual(newInitialValues,
previousInitialValues)) {\n      //\n      // Keep the value of dirty fields while updating the value of\n      // pristine
fields. This way, apps can reinitialize forms while\n      // avoiding stomping on user edits.\n      //\n      // Note 1:
The initialize action replaces all initial values\n      // regardless of keepDirty.\n      //\n      // Note 2: When a field
is dirty, keepDirty is enabled, and the field\n      // value is the same as the new initial value for the field, the\n
// initialize action causes the field to become pristine. That effect\n      // is what we want.\n      //\n      var
overwritePristineValue = function overwritePristineValue(name) {\n        var previousInitialValue =

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getIn(previousInitialValues, name);\n        var previousValue = getIn(previousValues, name);\n        if
(deepEqual(previousValue, previousInitialValue)) {\n            // Overwrite the old pristine value with the new
pristine value\n            var newInitialValue = getIn(newInitialValues, name); // This check prevents any 'setIn' call
that would create useless\n            // nested objects, since the path to the new field value would\n            // evaluate
to the same (especially for undefined values)\n            if (getIn(newValues, name) !== newInitialValue) {\n
newValues = setIn(newValues, name, newInitialValue);\n            }\n            }\n        };\n        if
(!updateUnregisteredFields) {\n            forEach(keys(registeredFields), function (name) {\n                return
overwritePristineValue(name);\n            });\n        }\n        forEach(keys(newInitialValues), function (name) {\n
var previousInitialValue = getIn(previousInitialValues, name);\n            if (typeof previousInitialValue ===
'undefined') {\n                // Add new values at the root level.\n                var newInitialValue = getIn(newInitialValues,
name);\n                newValues = setIn(newValues, name, newInitialValue);\n            }\n            if
(updateUnregisteredFields) {\n                overwritePristineValue(name);\n            }\n        });\n    } else {\n
newValues = newInitialValues;\n    }\n    if (keepValues) {\n        forEach(keys(previousValues), function (name)
{\n            var previousValue = getIn(previousValues, name);\n            newValues = setIn(newValues, name,
previousValue);\n        });\n        forEach(keys(previousInitialValues), function (name) {\n            var
previousInitialValue = getIn(previousInitialValues, name);\n            newInitialValues = setIn(newInitialValues, name,
previousInitialValue);\n        });\n    }\n    if (keepSubmitSucceeded && getIn(state, 'submitSucceeded')) {\n
result = setIn(result, 'submitSucceeded', true);\n    }\n    result = setIn(result, 'values', newValues);\n    result =
setIn(result, 'initial', newInitialValues);\n    return result;\n    }}, _defineProperty(_behaviors, REGISTER_FIELD,
function (state, _ref19) {\n    var _ref19$payload = _ref19.payload,\n        name = _ref19$payload.name,\n        type
= _ref19$payload.type;\n    var key = 'registeredFields[\" + name + \"]';\n    var field = getIn(state, key);\n    if
(field) {\n        var count = getIn(field, 'count') + 1;\n        field = setIn(field, 'count', count);\n    } else {\n        field =
fromJS({\n            name: name,\n            type: type,\n            count: 1\n        });\n    }\n    return setIn(state, key, field);\n    }},
_defineProperty(_behaviors, RESET, function (state) {\n    var result = empty;\n    var registeredFields = getIn(state,
'registeredFields');\n    if (registeredFields) {\n        result = setIn(result, 'registeredFields', registeredFields);\n
    }\n    var values = getIn(state, 'initial');\n    if (values) {\n        result = setIn(result, 'values', values);\n        result =
setIn(result, 'initial', values);\n    }\n    return result;\n    }}, _defineProperty(_behaviors, RESET_SECTION,
function (state, _ref20) {\n    var sections = _ref20.meta.sections;\n    var result = state;\n
sections.forEach(function (section) {\n        result = deleteInWithCleanUp(result, 'asyncErrors.' + section);\n        result
= deleteInWithCleanUp(result, 'submitErrors.' + section);\n        result = deleteInWithCleanUp(result, 'fields.' +
section);\n        var values = getIn(state, 'initial.' + section);\n        result = values ? setIn(result, 'values.' + section,
values) : deleteInWithCleanUp(result, 'values.' + section);\n    });\n    var anyTouched = some(keys(getIn(result,
'registeredFields')), function (key) {\n        return getIn(result, 'fields.' + key + '.touched');\n    });\n    result =
anyTouched ? setIn(result, 'anyTouched', true) : deleteIn(result, 'anyTouched');\n    return result;\n    }},
_defineProperty(_behaviors, SUBMIT, function (state) {\n    return setIn(state, 'triggerSubmit', true);\n    }},
_defineProperty(_behaviors, START_ASYNC_VALIDATION, function (state, _ref21) {\n    var field =
_ref21.meta.field;\n    return setIn(state, 'asyncValidating', field || true);\n    }}, _defineProperty(_behaviors,
START_SUBMIT, function (state) {\n    return setIn(state, 'submitting', true);\n    }}, _defineProperty(_behaviors,
STOP_ASYNC_VALIDATION, function (state, _ref22) {\n    var payload = _ref22.payload;\n    var result = state;\n
result = deleteIn(result, 'asyncValidating');\n    if (payload && Object.keys(payload).length) {\n        var _error =
payload._error,\n            fieldErrors = _objectWithoutProperties(payload, ['_error']);\n        if (_error) {\n            result =
setIn(result, 'error', _error);\n        }\n        if (Object.keys(fieldErrors).length) {\n            result = setIn(result,
'asyncErrors', fromJS(fieldErrors));\n        }\n    } else {\n        result = deleteIn(result, 'error');\n        result =
deleteIn(result, 'asyncErrors');\n    }\n    return result;\n    }}, _defineProperty(_behaviors, STOP_SUBMIT, function
(state, _ref23) {\n    var payload = _ref23.payload;\n    var result = state;\n    result = deleteIn(result, 'submitting');\n
result = deleteIn(result, 'submitFailed');\n    result = deleteIn(result, 'submitSucceeded');\n    if (payload &&
Object.keys(payload).length) {\n        var _error = payload._error,\n            fieldErrors =
_objectWithoutProperties(payload, ['_error']);\n        if (_error) {\n            result = setIn(result, 'error', _error);\n        }

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else {\n    result = deleteIn(result, 'error');\n  }\n  if (Object.keys(fieldErrors).length) {\n    result =
setIn(result, 'submitErrors', fromJS(fieldErrors));\n  } else {\n    result = deleteIn(result, 'submitErrors');\n
}\n\n  result = setIn(result, 'submitFailed', true);\n  } else {\n    result = deleteIn(result, 'error');\n    result =
deleteIn(result, 'submitErrors');\n  }\n\n  return result;\n  }}, _defineProperty(_behaviors,
SET_SUBMIT_FAILED, function (state, _ref24) {\n    var fields = _ref24.meta.fields;\n    var result = state;\n
result = setIn(result, 'submitFailed', true);\n    result = deleteIn(result, 'submitSucceeded');\n    result =
deleteIn(result, 'submitting');\n    fields.forEach(function (field) {\n      return result = setIn(result, 'fields.' + field +
'.touched', true);\n    });\n\n    if (fields.length) {\n      result = setIn(result, 'anyTouched', true);\n    }\n\n    return
result;\n  }}, _defineProperty(_behaviors, SET_SUBMIT_SUCCEEDED, function (state) {\n    var result = state;\n
result = deleteIn(result, 'submitFailed');\n    result = setIn(result, 'submitSucceeded', true);\n    return result;\n  }},
_defineProperty(_behaviors, TOUCH, function (state, _ref25) {\n    var fields = _ref25.meta.fields;\n    var result =
state;\n    fields.forEach(function (field) {\n      return result = setIn(result, 'fields.' + field + '.touched', true);\n    });\n
result = setIn(result, 'anyTouched', true);\n    return result;\n  }}, _defineProperty(_behaviors,
UNREGISTER_FIELD, function (state, _ref26) {\n    var _ref26$payload = _ref26.payload,\n    name =
_ref26$payload.name,\n    destroyOnUnmount = _ref26$payload.destroyOnUnmount;\n    var result = state;\n
var key = 'registeredFields[\\' + name + '\\'];\n    var field = getIn(result, key);\n\n    if (!field) {\n      return result;\n
}\n\n    var count = getIn(field, 'count') - 1;\n\n    if (count <= 0 && destroyOnUnmount) {\n      // Note: Cannot use
deleteWithCleanUp here because of the flat nature of registeredFields\n      result = deleteIn(result, key);\n\n      if
(deepEqual(getIn(result, 'registeredFields'), empty)) {\n        result = deleteIn(result, 'registeredFields');\n      }\n\n
var syncErrors = getIn(result, 'syncErrors');\n\n      if (syncErrors) {\n        syncErrors =
plainDeleteInWithCleanUp(syncErrors, name);\n\n        if (plain.deepEqual(syncErrors, plain.empty)) {\n
result = deleteIn(result, 'syncErrors');\n        } else {\n          result = setIn(result, 'syncErrors', syncErrors);\n        }\n
}\n\n      var syncWarnings = getIn(result, 'syncWarnings');\n\n      if (syncWarnings) {\n        syncWarnings =
plainDeleteInWithCleanUp(syncWarnings, name);\n\n        if (plain.deepEqual(syncWarnings, plain.empty)) {\n
result = deleteIn(result, 'syncWarnings');\n        } else {\n          result = setIn(result, 'syncWarnings',
syncWarnings);\n        }\n      }\n\n      result = deleteInWithCleanUp(result, 'submitErrors.' + name);\n      result =
deleteInWithCleanUp(result, 'asyncErrors.' + name);\n    } else {\n      field = setIn(field, 'count', count);\n      result
= setIn(result, key, field);\n    }\n\n    return result;\n  }}, _defineProperty(_behaviors, UNTOUCH, function (state,
_ref27) {\n    var fields = _ref27.meta.fields;\n    var result = state;\n    fields.forEach(function (field) {\n      return
result = deleteIn(result, 'fields.' + field + '.touched');\n    });\n\n    var anyTouched = some(keys(getIn(result,
'registeredFields')), function (key) {\n      return getIn(result, 'fields.' + key + '.touched');\n    });\n\n    result =
anyTouched ? setIn(result, 'anyTouched', true) : deleteIn(result, 'anyTouched');\n    return result;\n  }},
_defineProperty(_behaviors, UPDATE_SYNC_ERRORS, function (state, _ref28) {\n    var _ref28$payload =
_ref28.payload,\n    syncErrors = _ref28$payload.syncErrors,\n    error = _ref28$payload.error;\n    var result =
state;\n\n    if (error) {\n      result = setIn(result, 'error', error);\n      result = setIn(result, 'syncError', true);\n    } else
{\n      result = deleteIn(result, 'error');\n      result = deleteIn(result, 'syncError');\n    }\n\n    if
(Object.keys(syncErrors).length) {\n      result = setIn(result, 'syncErrors', syncErrors);\n    } else {\n      result =
deleteIn(result, 'syncErrors');\n    }\n\n    return result;\n  }}, _defineProperty(_behaviors,
UPDATE_SYNC_WARNINGS, function (state, _ref29) {\n    var _ref29$payload = _ref29.payload,\n    syncWarnings =
_ref29$payload.syncWarnings,\n    warning = _ref29$payload.warning;\n    var result = state;\n\n    if (warning) {\n      result = setIn(result, 'warning', warning);\n    } else {\n      result = deleteIn(result, 'warning');\n
}\n\n    if (Object.keys(syncWarnings).length) {\n      result = setIn(result, 'syncWarnings', syncWarnings);\n    } else
{\n      result = deleteIn(result, 'syncWarnings');\n    }\n\n    return result;\n  }}, _behaviors);\n\n  var reducer =
function reducer() {\n    var state = arguments.length > 0 && arguments[0] !== undefined ? arguments[0] : empty;\n
var action = arguments[1];\n    var behavior = behaviors[action.type];\n    return behavior ? behavior(state, action) :
state;\n  };\n\n  var byForm = function byForm(reducer) {\n    return function () {\n      var state = arguments.length
> 0 && arguments[0] !== undefined ? arguments[0] : empty;\n      var action = arguments.length > 1 &&
arguments[1] !== undefined ? arguments[1] : {\n        type: 'NONE'\n      };\n      var form = action && action.meta

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&& action.meta.form;\n\n    if (!form || !isReduxFormAction(action)) {\n        return state;\n    }\n\n    if (action.type === DESTROY && action.meta && action.meta.form) {\n        return\n        action.meta.form.reduce(function (result, form) {\n            return deleteInWithCleanUp(result, form);\n        },\n        state);\n    }\n\n    var formState = getIn(state, form);\n    var result = reducer(formState, action);\n    return\n    result === formState ? state : setIn(state, form, result);\n  });\n  });\n  /**\n   * Adds additional functionality to the\n   * reducer\n   * ^\n   * function decorate(target) {\n   *   target.plugin = function (reducers) {\n   *     var _this = this; // use\n   *     'function' keyword to enable 'this'\n   *     return decorate(function () {\n   *       var state = arguments.length > 0 &&\n   *       arguments[0] !== undefined ? arguments[0] : empty;\n   *       var action = arguments.length > 1 && arguments[1] !==\n   *       undefined ? arguments[1] : {\n   *         type: 'NONE'\n   *       };\n   *       var callPlugin = function callPlugin(processed,\n   *       key) {\n   *         var previousState = getIn(processed, key);\n   *         var nextState = reducers[key](previousState, action,\n   *         getIn(state, key));\n   *         return nextState !== previousState ? setIn(processed, key, nextState) : processed;\n   *       };\n   *       var processed = _this(state, action); // run through redux-form reducer\n   *       var form = action &&\n   *       action.meta && action.meta.form;\n   *       if (form) {\n   *         // this is an action aimed at forms, so only give it to\n   *         the specified form's plugin\n   *         return reducers[form] ? callPlugin(processed, form) : processed;\n   *       } else {\n   *         // this is not a form-specific action, so send it to all the plugins\n   *         return\n   *         Object.keys(reducers).reduce(callPlugin, processed);\n   *       }\n   *     });\n   *   }\n   *   return target;\n   * }\n   * }\n   * return\n   * decorate(byForm(reducer));\n   * }\n   * }\n   * export default createReducer;","import createReducer from\n   * './createReducer';\n   * import plain from './structure/plain';\n   * export default createReducer(plain);","import invariant\n   * from 'invariant';\n   * import plain from './structure/plain';\n   * nvar createFormValueSelector = function\n   * createFormValueSelector(_ref) {\n   *   var getIn = _ref.getIn;\n   *   return function (form, getFormState) {\n   *     invariant(form, 'Form value must be specified');\n   *     var nonNullGetFormState = getFormState || function (state)\n   *     {\n   *       return getIn(state, 'form');\n   *     };\n   *     return function (state) {\n   *       for (var _len = arguments.length, fields =\n   *       Array(_len > 1 ? _len - 1 : 0), _key = 1; _key < _len; _key++) {\n   *         fields[_key - 1] = arguments[_key];\n   *       }\n   *       invariant(fields.length, 'No fields specified');\n   *       return fields.length === 1 ? // only selecting one field, so\n   *       return its value\n   *       getIn(nonNullGetFormState(state), form + '.values.' + fields[0]) : // selecting many fields, so\n   *       return an object of field values\n   *       fields.reduce(function (accumulator, field) {\n   *         var value =\n   *         getIn(nonNullGetFormState(state), form + '.values.' + field);\n   *         return value === undefined ? accumulator :\n   *         plain.setIn(accumulator, field, value);\n   *       }, {});\n   *     };\n   *   };\n   * }\n   * }\n   * export default\n   * createFormValueSelector;","import createFormValueSelector from './createFormValueSelector';\n   * import plain from\n   * './structure/plain';\n   * export default createFormValueSelector(plain);"],"sourceRoot":"" }

```

Found in path(s):

```

* /opt/cola/permits/1142727072_1615475201.48/0/mockserver-netty-5-5-1-sources-1-
jar/org/mockserver/dashboard/static/js/1.66a8a6fc.chunk.js.map

```

1.376 yanger 1

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1.377 hmac-drbg 1.0.1

1.378 angular-animate 1.8.2

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1.379 libxrender 0.9.10-1

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1.380 evictor 1.0.0

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1.381 libxdmcp 1.1.2-3

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1.382 jakarta-inject 2.5.0

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1.383 redux-logger 3.0.6

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1.384 jnr-a64asm 1.0.0

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Found in path(s):

```
* /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Util.java
* /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/OP.java
* /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Offset.java
* /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Mem.java
* /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Post_index.java
* /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Asm.java
* /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Register.java
* /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/PrefOp.java
```

- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Assembler_A64.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/LABEL_STATE.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SerializerIntrinsics_a64.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/InstructionGroup.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/CodeBuffer.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/EXTEND_ENUM.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/InstructionDescription.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Shift.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SHIFT_ENUM.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/ERROR_CODE.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SIZE.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/CPU_A64.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Serializer.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/OperandFlags.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/PRFOP_ENUM.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Logger.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Pre_index.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/CpuInfo.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Label.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Immediate.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Conditions.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Ext.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/REG.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/Operand.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SysRegister.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SerializerCore.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/BaseReg.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/RelocData.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/CONDITION.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/PREF_ENUM.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/RELOC_MODE.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/LinkData.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SYSREG_CODE.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/ExtendedValue.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/SysRegDescription.java
- * /opt/cola/permits/1199743872_1630577637.85/0/jnr-a64asm-1-0-0-sources-4-jar/jnr/a64asm/INST_CODE.java

1.385 jnr-ffi 2.1.10

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1.386 annotation-processor 2.3.1.RELEASE

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1.387 iee754 1.2.1

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1.388 zstd 1.3.8+dfsg-3+deb10u2

1.388.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: Zstd

Source: <https://github.com/facebook/zstd>

Files-Excluded: appveyor.yml

circle.yml

build/*

programs/windres/*

.travis.yml

.buckversion

.buckconfig

.circleci/*

Files: *

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Comment: Starting from 1.3.1 zstd's patent claim is removed

see: <https://github.com/facebook/zstd/pull/801>

Files: zlibWrapper/examples/*.c

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Files: zlibWrapper/gz*.c

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Files: contrib/linux-kernel/fs/squashfs/*

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1.389 js-tokens 4.0.0

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jar/org/springframework/security/config/method/MethodConfigUtils.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
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- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/rsocket/PayloadInterceptorOrder.java
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- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/rsocket/RSocketSecurity.java

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- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/core/userdetails/UserDetailsMapFactoryBean.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/server/SecurityWebFiltersOrder.java
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jar/org/springframework/security/config/annotation/authentication/configuration/GlobalAuthenticationConfigurerAdapter.java

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jar/org/springframework/security/config/annotation/web/reactive/EnableWebFluxSecurity.java

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jar/org/springframework/security/config/core/userdetails/ReactiveUserDetailsServiceResourceFactoryBean.java

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Found in path(s):

- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/RequiresChannelDsl.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/OAuth2ClientBeanDefinitionParser.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/headers/ContentTypeOptionsDsl.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/PortMapperDsl.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/oauth2/login/UserInfoEndpointDsl.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/AnonymousDsl.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/RequestCacheDsl.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/headers/CacheControlDsl.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/oauth2/login/TokenEndpointDsl.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/oauth2/client/ClientRegistrationsBeanDefinitionParser.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/headers/ContentSecurityPolicyDsl.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/headers/HttpPublicKeyPinningDsl.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/FormLoginDsl.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/HttpConfigurationBuilder.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/SecurityMarker.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/OAuth2LoginBeanDefinitionParser.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/CsrfBeanDefinitionParser.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/oauth2/server/resource/OAuth2ResourceServerConfigurer.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/server/ServerHttpSecurity.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/CorsDsl.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/OAuth2ResourceServerBeanDefinitionParser.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/web/servlet/ExceptionHandlerDsl.kt
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

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* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/session/SessionConcurrencyDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/headers/ReferrerPolicyDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/oauth2/client/AuthorizationCodeGrantDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
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* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/Elements.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/headers/FrameOptionsDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/AuthorizeRequestsDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/SessionManagementDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/headers/XssProtectionConfigDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/HttpSecurityDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/OAuth2ResourceServerDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/session/SessionFixationDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/HeadersDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/http/SecurityFilters.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/oauth2/resourceserver/JwtDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/X509Dsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/oauth2/login/RedirectionEndpointDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/oauth2/resourceserver/OpaqueTokenDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/oauth2/login/AuthorizationEndpointDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/annotation/web/configuration/SecurityReactorContextConfiguration.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/Saml2Dsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/http/AuthenticationConfigBuilder.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/OAuth2LoginDsl.kt
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/web/servlet/OAuth2ClientDsl.kt
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* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/debug/SecurityDebugBeanFactoryPostProcessor.java
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- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/builders/HttpSecurity.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configuration/OAuth2ClientConfiguration.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/CsrfConfigurer.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/authentication/configuration/InitializeAuthenticationProviderBeanManagerConfigurer.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/method/configuration/GlobalMethodSecurityConfiguration.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/SessionManagementConfigurer.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/crypto/RsaKeyConversionServicePostProcessor.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/reactive/ServerHttpSecurityConfiguration.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/reactive/WebFluxSecurityConfiguration.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/method/configuration/Jsrf250MetadataSourceConfiguration.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/saml2/Saml2LoginConfigurer.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/reactive/ReactiveOAuth2ClientImportSelector.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/openid/OpenIDLoginConfigurer.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configuration/WebSecurityConfiguration.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/servlet/configuration/WebMvcSecurityConfiguration.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/ldap/LdapServerBeanDefinitionParser.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/AbstractRequestMatcherRegistry.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/authentication/configuration/AuthenticationConfiguration.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/HeadersConfigurer.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/configuration/ObjectPostProcessorConfiguration.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/socket/AbstractSecurityWebSocketMessageBrokerConfigurer.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/Customizer.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/annotation/method/configuration/ReactiveMethodSecurityConfiguration.java
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* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/authentication/configuration/InitializeUserDetailsBeanManager
Configurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/configurers/oauth2/client/OAuth2LoginConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/http/HeadersBeanDefinitionParser.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/configuration/OAuth2ImportSelector.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/http/LogoutBeanDefinitionParser.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/configurers/oauth2/client/OAuth2ClientConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/configurers/LogoutConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/configurers/AbstractAuthenticationFilterConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/configuration/WebMvcSecurityConfiguration.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
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* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/authentication/AuthenticationManagerFactoryBean.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/configurers/oauth2/client/OAuth2ClientConfigurerUtils.jav

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* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/configuration/AutowiredBeanFactoryObjectPostProcessor.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/authentication/configurers/ldap/LdapAuthenticationProviderConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/UrlAuthorizationConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/SecurityContextConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/oauth2/client/CommonOAuth2Provider.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/CorsBeanDefinitionParser.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configuration/WebSecurityConfigurerAdapter.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/method/configuration/MethodSecurityMetadataSourceAdvisorRegistrar.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/method/GlobalMethodSecurityBeanDefinitionParser.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/CorsConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/X509Configurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/builders/WebSecurity.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/ExceptionHandlerConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/FormLoginBeanDefinitionParser.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/ServletApiConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/core/userdetails/UserDetailsResourceFactoryBean.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configurers/ExpressionUrlAuthorizationConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/authentication/AuthenticationManagerBeanDefinitionParser.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/method/configuration/GlobalMethodSecuritySelector.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/configuration/EnableWebSecurity.java

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- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/FilterChainBeanDefinitionParser.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/BeanIds.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/ldap/ContextSourceSettingPostProcessor.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/authentication/package-info.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/method/package-info.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/UserDetailsServiceFactoryBean.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/ldap/LdapUserServiceBeanDefinitionParser.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/FilterChainMapBeanDefinitionDecorator.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/authentication/AuthenticationProviderBeanDefinitionParser.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/SessionCreationPolicy.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/authentication/PasswordEncoderParser.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/HttpFirewallBeanDefinitionParser.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/core/GrantedAuthorityDefaults.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/method/MethodSecurityMetadataSourceBeanDefinitionParser.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/annotation/web/messaging/MessageSecurityMetadataSourceRegistry.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/package-info.java
- * /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/authentication/AbstractUserDetailsServiceBeanDefinitionParser.java

* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/authentication/UserServiceBeanDefinitionParser.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/MatcherType.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/FilterInvocationSecurityMetadataSourceParser.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/ldap/LdapProviderBeanDefinitionParser.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/ldap/package-info.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/PortMappingsBeanDefinitionParser.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/ChannelAttributeFactory.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/method/ProtectPointcutPostProcessor.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/method/InterceptMethodsBeanDefinitionDecorator.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/DefaultFilterChainValidator.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/http/package-info.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/DebugBeanDefinitionParser.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-jar/org/springframework/security/config/authentication/JdbcUserServiceBeanDefinitionParser.java
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* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/http/HandlerMappingIntrospectorFactoryBean.java

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jar/org/springframework/security/config/annotation/web/configuration/SpringWebMvcImportSelector.java

* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/annotation/web/configurers/PortMapperConfigurer.java

* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/annotation/web/configurers/ChannelSecurityConfigurer.java

* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/annotation/web/builders/FilterComparator.java

* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/annotation/web/WebSecurityConfigurer.java

* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/annotation/web/configurers/AbstractConfigAttributeRequestMatcherRegistry.java

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jar/org/springframework/security/config/annotation/authentication/configurers/userdetails/UserDetailsAwareConfigurer.java

* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/annotation/web/configurers/AnonymousConfigurer.java

* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/annotation/authentication/configurers/provisioning/UserDetailsManagerConfigurer.java

* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/annotation/AbstractSecurityBuilder.java

* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/annotation/web/configurers/FormLoginConfigurer.java

* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/annotation/authentication/builders/AuthenticationManagerBuilder.java

* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

jar/org/springframework/security/config/annotation/web/configurers/DefaultLoginPageConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/authentication/configurers/userdetails/AbstractDaoAuthenticatio
nConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/configurers/JeeConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/configurers/AbstractInterceptUrlConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/HttpSecurityBuilder.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/authentication/configuration/EnableGlobalAuthentication.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/authentication/configurers/provisioning/InMemoryUserDetails
ManagerConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/method/configuration/EnableGlobalMethodSecurity.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/configuration/AutowiredWebSecurityConfigurersIgnorePar
ents.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/authentication/configurers/provisioning/JdbcUserDetailsManage
rConfigurer.java
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jar/org/springframework/security/config/annotation/SecurityBuilder.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/AbstractConfiguredSecurityBuilder.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/servlet/configuration/EnableWebMvcSecurity.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/authentication/ProviderManagerBuilder.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/method/configuration/GlobalMethodSecurityAspectJAutoProxy
Registrar.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/SecurityConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/configurers/AbstractHttpConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/authentication/configurers/userdetails/DaoAuthenticationConfig
urer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/AlreadyBuiltException.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/configurers/PermitAllSupport.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/SecurityConfigurerAdapter.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-

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jar/org/springframework/security/config/annotation/ObjectPostProcessor.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/web/configurers/RequestCacheConfigurer.java
* /opt/cola/permits/1136246070_1613716108.22/0/spring-security-config-5-3-3-release-sources-1-
jar/org/springframework/security/config/annotation/authentication/configurers/userdetails/UserDetailsServiceConfig
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1.394 libsodium 1.0.17-1

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1.396 jersey-media-sse 2.28

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1.398 latencyutils 2.0.3

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Found in path(s):

- * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/ZipkinRestTemplateCustomizer.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/DefaultZipkinRestTemplateCustomizer.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/sender/ZipkinKafkaSenderConfiguration.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/sender/ZipkinRestTemplateSenderConfiguration.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/sender/RestTemplateSender.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/ZipkinLoadBalancer.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/sender/ZipkinSenderProperties.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/ZipkinAutoConfiguration.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/sender/ZipkinActiveMqSenderConfiguration.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/EndpointLocator.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/ZipkinProperties.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/DefaultEndpointLocator.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/sender/ZipkinSenderConfigurationImportSelector.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/sender/LoadBalancerClientZipkinLoadBalancer.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/sender/ZipkinRabbitSenderConfiguration.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/sender/ZipkinSenderCondition.java
 - * /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/org/springframework/cloud/sleuth/zipkin2/ZipkinBackwardsCompatibilityAutoConfiguration.java
- No license file was found, but licenses were detected in source scan.

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Found in path(s):

* /opt/cola/permits/1096695323_1601878506.89/0/spring-cloud-sleuth-zipkin-2-2-3-release-sources-jar/META-INF/maven/org.springframework.cloud/spring-cloud-sleuth-zipkin/pom.xml

1.400 ng-focus-if 1.0.7

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1.401 xorg-randr 1.20.8

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1.402 jackson-datatype-jdk8 2.11.0

1.402.1 Available under license :

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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1047446195_1593257280.79/0/jackson-datatype-jdk8-2-8-11-jar/META-INF/MANIFEST.MF

1.403 tiny-emitter 1.2.0

1.403.1 Available under license :

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1.404 slf4j 1.7.30

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1.405 libcap-ng 0.7.9 2

1.405.1 Available under license :

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1.406 hoist-non-react-statics 3.3.0

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1.407 reactor-extra 3.3.3.RELEASE

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```
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/retry/AbstractRetry.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/retry/DefaultContext.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/retry/BackoffDelay.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/retry/RepeatContext.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/retry/Backoff.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/retry/IterationContext.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/retry/DefaultRepeat.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/retry/RetryExhaustedException.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/math/MathFlux.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/retry/Repeat.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/retry/Jitter.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/retry/DefaultRetry.java
```

* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/reactor-extra-3-3-3-release-sources-jar/reactor/retry/RetryContext.java

* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/reactor-extra-3-3-3-release-sources-jar/reactor/retry/Retry.java

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* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/function/Consumer5.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/math/MonoMinMax.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/function/Function3.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/scheduler/forkjoin/ForkJoinPoolScheduler.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/function/Predicate7.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/math/MonoSumFloat.java
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* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/function/Predicate4.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/function/Predicate3.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/function/Function5.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/cache/CacheFlux.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/function/Consumer4.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/math/MonoSumDouble.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/function/Predicate5.java
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* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/function/Predicate8.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-

jar/reactor/swing/SwingScheduler.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/cache/CacheMono.java
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jar/reactor/function/Function4.java
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* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/math/MonoFromFluxOperator.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/function/Consumer3.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/function/Predicate6.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/math/MonoSumInt.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/math/MathSubscriber.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/function/Consumer8.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-
jar/reactor/function/Function6.java

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* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/math/MonoAverageBigDecimal.java

* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/extra/processor/WorkQueueProcessor.java

* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/math/MonoSumBigDecimal.java

* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/extra/processor/TopicProcessor.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/extra/processor/EventLoopProcessor.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/math/MonoSumBigDecimal.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/extra/processor/WaitStrategy.java
* /opt/ws_local/PERMITS_SQL/1077482473_1596857753.28/0/reactor-extra-3-3-3-release-sources-jar/reactor/math/MonoAverageBigInteger.java

1.408 jettison 1.3

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1.409 batik-css 1.11

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1.414 debian-archive-keyring 2019.1+deb10u1

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1.415 jetty-servlets 9.4.29.v20200521

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Eclipse

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- * org.eclipse.jetty.orbit:org.eclipse.jdt.core

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- * org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.

- * org.eclipse.jetty.orbit:javafx.mail.glassfish

Oracle

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- * javax.servlet:javax.servlet-api
- * javax.annotation:javax.annotation-api
- * javax.transaction:javax.transaction-api
- * javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

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org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by

Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.
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1.416 settimmediate 1.0.5

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1.417 jetty-xml 9.4.29.v20200521

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* org.eclipse.jetty.orbit;org.eclipse.jdt.core

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* org.eclipse.jetty.orbit;javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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1.418 httpclient 4.5.6

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1.419 instrumentation-servlet 5.12.3

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1.420 ripemd160 2.0.2

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1.429 angular-messages 1.8.2

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1.430 jquery-ui-dist 1.12.1

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1.431 jetty 9.4.29.v20200521

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* org.eclipse.jetty.orbit;javax.security.auth.message

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* org.eclipse.jetty.orbit:javafx.mail.glassfish

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

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<http://openjdk.java.net/legal/gplv2+ce.html>

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org.ow2.asm:asm-commons

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Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.432 readline 7.0 5

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1.435 exenv 1.2.2

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1.436 slf4j 1.7.25

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Found in path(s):

```
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/spi/LocationAwareLogger.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-zip/org/slf4j/Logger.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/impl/StaticMarkerBinder.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-zip/org/slf4j/MarkerFactory.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-zip/org/slf4j/Marker.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-zip/org/slf4j/LoggerFactory.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
```

zip/org/slf4j/helpers/BasicMarkerFactory.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/BasicMDCAdapter.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/BasicMarkerFactory.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/spi/MarkerFactoryBinder.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/spi/LoggerFactoryBinder.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/NOPMDCAdapter.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
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* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/MessageFormatter.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/spi/MDCAdapter.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/impl/StaticMDCBinder.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/NOPLLogger.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/ILoggerFactory.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/Util.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/SubstituteLogger.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/MDC.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/MarkerIgnoringBase.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/NOPLLoggerFactory.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/SubstituteLoggerFactory.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/NamedLoggerBase.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
zip/org/slf4j/helpers/FormattingTuple.java
* /opt/cola/permits/1126029915_1611547194.91/0/slf4j-api-1-7-25-sources-
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1.439 ms 2.0.0

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1.441 spring-data-commons 2.3.1.RELEASE

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1.442 xorg 7.7+19

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Source Package: xorg

Debian/Ubuntu package authors: Branden Robinson, Fabio M. Di Nitto, Daniel Stone and others

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1.443 slf4j 1.7.5

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1.444 jersey-media-jaxb 2.28

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1.445 moment 2.27.0

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ASpB,EAaqBc,GAC1BpB,EAAaoB;;;;;AA+LrBpD,EAAQ2D;;;;;AApCR,SAASA,EAA6BC,GACIC,OA
AO3B,EAAQ,2BAA4B,IACtC4B,SAhLkB,0BAgLa,GAC/B9D,QAPLU,oBAoLY,CAhMf,YAkMR,SAAUqC,GA
KN,OAJA3B,EAAQqD,QAAQC,uBAAuB,CACnCC,QAASJ,EACTL,UAAW,CAAC,CAAEC,QArMd,YAqMkCS
,SAAU7B,MAEzC3B,EAAQqD,QAAQI,OAAOxD,EAakgD,aAGtCS,MAwBTnE,EAAQoE,2BAvHR,SAASA,E
AA2BC,EAakBC,GAKID,OAJArC,EAAQ,2BAA4BoC,GAC/BR,SA9FkB,0BA8Fa,GAC/B9D,QAIGU,qBAkGY,
WAAC,OAAOiC,KACHDI,EA/HW,SAAUmC,EAASD,GAAY,OAAOjD,EAAQG,SA+HPC,CAAC,KAAM,4BA/
H+C8C,GA+H/D9C,CAAS,EAaoC8C,GACIDhC,GAMHXtC,EAAQwE,mDAAqDvC,EAC7DjC,EAAQyE,mDAr
NmB,0BASn3BzE,EAAQ0E,mDAzNW,oBA2NnBzB,OAAOI,eAAerD,EAAS,aAAc,CAAE2E,OAAO","sourcesC
ontent":["/*\n * @license Angular v9.0.7\n * (c) 2010-2020 Google LLC. https://angular.io\n * License: MIT\n
*\n\n(function (global, factory) {\n  typeof exports === 'object' && typeof module !== 'undefined' ?
factory(exports, require('@angular/core'), require('@angular/core/testing')) :\n  typeof define === 'function' &&
define.amd ? define('@angular/upgrade/static/testing', ['exports', '@angular/core', '@angular/core/testing'], factory)
:\n  (global = global || self, factory((global.ng = global.ng || {}), global.ng.upgrade = global.ng.upgrade || {}),
global.ng.upgrade.static = global.ng.upgrade.static || {}, global.ng.upgrade.static.testing = {}), global.ng.core,
global.ng.core.testing);\n})(this, (function (exports, core, testing) { 'use strict';\n\n /*!
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FITNESS FOR A PARTICULAR PURPOSE,\r\n MERCHANTABILITY OR NON-INFRINGEMENT.\r\n\r\n See the Apache Version 2.0 License for specific language governing permissions\r\n and limitations under the

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License.\r\n ***** */\r\n
/* global Reflect, Promise */\r\n\r\n var extendStatics = function(d, b) {\r\n    extendStatics =
Object.setPrototypeOf ||\r\n    ({ __proto__: [] } instanceof Array && function (d, b) { d.__proto__ = b; }) ||\r\n    function (d, b) { for (var p in b) if (b.hasOwnProperty(p)) d[p] = b[p]; }; \r\n    return extendStatics(d, b);\r\n};\r\n\r\n function __extends(d, b) {\r\n    extendStatics(d, b);\r\n    function __() { this.constructor = d; }\r\n    d.prototype = b === null ? Object.create(b) : (__proto__ = b.prototype, new __());\r\n}\r\n\r\n var __assign
= function() {\r\n    __assign = Object.assign || function __assign(t) {\r\n        for (var s, i = 1, n =
arguments.length; i < n; i++) {\r\n            s = arguments[i];\r\n            for (var p in s) if
(Object.prototype.hasOwnProperty.call(s, p)) t[p] = s[p];\r\n        }\r\n        return
__assign.apply(this, arguments);\r\n    };\r\n\r\n    function __rest(s, e) {\r\n        var t = {};\r\n        for (var p in s) if
(Object.prototype.hasOwnProperty.call(s, p) && e.indexOf(p) < 0)\r\n            t[p] = s[p];\r\n        if (s != null &&
typeof Object.getPrototypeOf === "function")\r\n            for (var i = 0, p =
Object.getPrototypeOf(s); i < p.length; i++) {\r\n                if (e.indexOf(p[i]) < 0 &&
Object.prototype.propertyIsEnumerable.call(s, p[i]))\r\n                    t[p[i]] = s[p[i)];\r\n            }\r\n        return t;\r\n    }\r\n\r\n    function __decorate(decorators, target, key, desc) {\r\n        var c = arguments.length, r = c < 3 ? target :
desc === null ? desc = Object.getOwnPropertyDescriptor(target, key) : desc, d;\r\n        if (typeof Reflect ===
"object" && typeof Reflect.decorate === "function") r = Reflect.decorate(decorators, target, key, desc);\r\n        else for (var i = decorators.length - 1; i >= 0; i--) if (d = decorators[i]) r = (c < 3 ? d(r) : c > 3 ? d(target, key, r) :
d(target, key)) || r;\r\n        return c > 3 && r && Object.defineProperty(target, key, r, r);\r\n    }\r\n\r\n    function
__param(paramIndex, decorator) {\r\n        return function (target, key) { decorator(target, key, paramIndex); }\r\n    }\r\n\r\n    function __metadata(metadataKey, metadataValue) {\r\n        if (typeof Reflect === "object" && typeof
Reflect.metadata === "function") return Reflect.metadata(metadataKey, metadataValue);\r\n    }\r\n\r\n    function
__awaiter(thisArg, _arguments, P, generator) {\r\n        return new (P || (P = Promise))(function (resolve, reject) {\r\n            function fulfilled(value) { try { step(generator.next(value)); } catch (e) { reject(e); } }\r\n            function
rejected(value) { try { step(generator["throw"](value)); } catch (e) { reject(e); } }\r\n            function step(result) {
result.done ? resolve(result.value) : new P(function (resolve) { resolve(result.value); }).then(fulfilled, rejected); }\r\n            step((generator = generator.apply(thisArg, _arguments || []).next());\r\n        );\r\n    });\r\n\r\n    function
__generator(thisArg, body) {\r\n        var _ = { label: 0, sent: function() { if (t[0] & 1) throw t[1]; return t[1]; }, trys:
[], ops: [] }, f, y, t, g;\r\n        return g = { next: verb(0), "throw": verb(1), "return": verb(2) }, typeof Symbol ===
"function" && (g[Symbol.iterator] = function() { return this; }), g;\r\n        function verb(n) { return function (v) {
return step([n, v]); }; }\r\n        function step(op) {\r\n            if (f) throw new TypeError("Generator is already
executing.");\r\n            while (__) try {\r\n                if (f = 1, y && (t = op[0] & 2 ? y["return"] : op[0] ?
y["throw"] || ((t = y["return"]) && t.call(y), 0) : y.next) && !(t = t.call(y, op[1])).done) return t;\r\n                if (y
= 0, t) op = [op[0] & 2, t.value];\r\n                switch (op[0]) {\r\n                    case 0: case 1: t = op; break;\r\n                    case 4: _.label++; return { value: op[1], done: false }; \r\n                    case 5: _.label++; y = op[1]; op = [0];
continue;\r\n                    case 7: op = _.ops.pop(); _.trys.pop(); continue;\r\n                    default: \r\n                        if
(!t = _.trys, t = t.length > 0 && t[t.length - 1]) && (op[0] === 6 || op[0] === 2)) { _ = 0; continue; }\r\n                        if (op[0] === 3 && (!t || (op[1] > t[0] && op[1] < t[3]))) { _.label = op[1]; break; }\r\n                        if (op[0] ===
6 && _.label < t[1]) { _.label = t[1]; t = op; break; }\r\n                        if (t && _.label < t[2]) { _.label = t[2];
_.ops.push(op); break; }\r\n                        if (t[2] && !_.ops.pop())\r\n                            _.trys.pop(); continue;\r\n                }\r\n                op = body.call(thisArg, _);\r\n            } catch (e) { op = [6, e]; y = 0; } finally { f = t = 0; }\r\n            if (op[0] & 5) throw op[1]; return { value: op[0] ? op[1] : void 0, done: true }; }\r\n        }\r\n    }\r\n\r\n    function
__exportStar(m, exports) {\r\n        for (var p in m) if (!exports.hasOwnProperty(p)) exports[p] = m[p];\r\n    }\r\n\r\n    function __values(o) {\r\n        var m = typeof Symbol === "function" && o[Symbol.iterator], i = 0;\r\n        if (m) return m.call(o);\r\n        return { value: o && o[i++], done: !o }; }\r\n\r\n    function __read(o, n)
{\r\n        var m = typeof Symbol === "function" && o[Symbol.iterator];\r\n        if (!m) return o;\r\n        var i =
m.call(o), r, ar = [], e;\r\n        try {\r\n            while ((n === void 0 || n-- > 0) && !(r = i.next()).done)

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ar.push(r.value);\r\n    }\r\n    catch (error) { e = { error: error }; }\r\n    finally {\r\n        try {\r\n
if (r && !r.done && (m = i[\"return\"])) m.call(i);\r\n        }\r\n        finally { if (e) throw e.error; }\r\n        }\r\n
    return ar;\r\n  }\r\n\r\n  function __spread() {\r\n    for (var ar = [], i = 0; i < arguments.length; i++)\r\n
ar = ar.concat(__read(arguments[i]));\r\n    return ar;\r\n  }\r\n\r\n  function __spreadArrays() {\r\n    for (var
s = 0, i = 0, il = arguments.length; i < il; i++) s += arguments[i].length;\r\n    for (var r = Array(s), k = 0, i = 0; i <
il; i++)\r\n      for (var a = arguments[i], j = 0, jl = a.length; j < jl; j++, k++)\r\n        r[k] = a[j];\r\n
return r;\r\n  };\r\n\r\n  function __await(v) {\r\n    return this instanceof __await ? (this.v = v, this) : new
__await(v);\r\n  }\r\n\r\n  function __asyncGenerator(thisArg, _arguments, generator) {\r\n    if
(!Symbol.asyncIterator) throw new TypeError(\"Symbol.asyncIterator is not defined.\");\r\n    var g =
generator.apply(thisArg, _arguments || []), i, q = [];\r\n    return i = { }, verb(\"next\"), verb(\"throw\"),
verb(\"return\"), i[Symbol.asyncIterator] = function () { return this; }, i;\r\n    function verb(n) { if (g[n]) i[n] =
function (v) { return new Promise(function (a, b) { q.push([n, v, a, b]) > 1 || resume(n, v); }); }; }\r\n    function
resume(n, v) { try { step(g[n](v)); } catch (e) { settle(q[0][3], e); } }\r\n    function step(r) { r.value instanceof
__await ? Promise.resolve(r.value.v).then(fulfill, reject) : settle(q[0][2], r); }\r\n    function fulfill(value) {
resume(\"next\", value); }\r\n    function reject(value) { resume(\"throw\", value); }\r\n    function settle(f, v) {
if (f(v), q.shift(), q.length) resume(q[0][0], q[0][1]); }\r\n  }\r\n\r\n  function __asyncDelegator(o) {\r\n    var i,
p;\r\n    return i = { }, verb(\"next\"), verb(\"throw\"), function (e) { throw e; }, verb(\"return\"), i[Symbol.iterator]
= function () { return this; }, i;\r\n    function verb(n, f) { i[n] = o[n] ? function (v) { return (p = !p) ? { value:
__await(o[n](v)), done: n === \"return\" } : f ? f(v) : v; } : f; }\r\n  }\r\n\r\n  function __asyncValues(o) {\r\n
if (!Symbol.asyncIterator) throw new TypeError(\"Symbol.asyncIterator is not defined.\");\r\n    var m =
o[Symbol.asyncIterator], i;\r\n    return m ? m.call(o) : (o = typeof __values === \"function\" ? __values(o) :
o[Symbol.iterator](), i = { }, verb(\"next\"), verb(\"throw\"), verb(\"return\"), i[Symbol.asyncIterator] = function () {
return this; }, i);\r\n    function verb(n) { i[n] = o[n] && function (v) { return new Promise(function (resolve,
reject) { v = o[n](v), settle(resolve, reject, v.done, v.value); }); }; }\r\n    function settle(resolve, reject, d, v) {
Promise.resolve(v).then(function(v) { resolve({ value: v, done: d }); }, reject); }\r\n  }\r\n\r\n  function
__makeTemplateObject(cooked, raw) {\r\n    if (Object.defineProperty) { Object.defineProperty(cooked, \"raw\",
{ value: raw }); } else { cooked.raw = raw; }\r\n    return cooked;\r\n  };\r\n\r\n  function __importStar(mod)
{\r\n    if (mod && mod.__esModule) return mod;\r\n    var result = {};\r\n    if (mod != null) for (var k in
mod) if (Object.hasOwnProperty.call(mod, k)) result[k] = mod[k];\r\n    result.default = mod;\r\n    return
result;\r\n  }\r\n\r\n  function __importDefault(mod) {\r\n    return (mod && mod.__esModule) ? mod : {
default: mod }; }\r\n}\n\n/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use
of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n *\n function noNg() {\n   throw new Error('AngularJS v1.x is not loaded!');\n
}\n var noNgElement = (function () { return noNg(); });\n noNgElement.cleanData = noNg;\n var angular =
{\n   bootstrap: noNg,\n   module: noNg,\n   element: noNgElement,\n   injector: noNg,\n   version:
undefined,\n   resumeBootstrap: noNg,\n   getTestability: noNg\n };\n try {\n   if
(window.hasOwnProperty('angular')) {\n     angular = window.angular;\n     }\n   }\n catch (_a) {\n     //
ignore in CJS mode.\n   }\n /**\n * @deprecated Use `setAngularJSGlobal` instead.\n *\n * @publicApi\n *\n function setAngularLib(ng) {\n   setAngularJSGlobal(ng);\n   }\n /**\n * @deprecated Use
`getAngularJSGlobal` instead.\n *\n * @publicApi\n *\n function getAngularLib() {\n   return
getAngularJSGlobal();\n   }\n /**\n * Resets the AngularJS global.\n *\n * Used when AngularJS is
loaded lazily, and not available on `window`.\n *\n * @publicApi\n *\n function setAngularJSGlobal(ng)
{\n   angular = ng;\n   }\n /**\n * Returns the current AngularJS global.\n *\n * @publicApi\n *\n function getAngularJSGlobal() {\n   return angular;\n   }\n var bootstrap = function (e, modules, config) {\n
return angular.bootstrap(e, modules, config);\n   };\n // Do not declare as `module` to avoid webpack bug\n //
(see https://github.com/angular/angular/issues/30050).\n var module_ = function (prefix, dependencies) {\n
return angular.module(prefix, dependencies);\n   };\n var element = (function (e) { return angular.element(e); });\n
element.cleanData = function (nodes) { return angular.element.cleanData(nodes); };
var injector = function

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(modules, strictDi) { return angular.injector(modules, strictDi); };
var resumeBootstrap = function () { return angular.resumeBootstrap(); };
var getTestability = function (e) { return angular.getTestability(e); };
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be
 * found in the LICENSE file at https://angular.io/license
 */
var $COMPILE = '$compile';
var $CONTROLLER = '$controller';
var $DELEGATE = '$delegate';
var $EXCEPTION_HANDLER = '$exceptionHandler';
var $HTTP_BACKEND = '$httpBackend';
var $INJECTOR = '$injector';
var $INTERVAL = '$interval';
var $PARSE = '$parse';
var $PROVIDE = '$provide';
var $ROOT_SCOPE = '$rootScope';
var $SCOPE = '$scope';
var $TEMPLATE_CACHE = '$templateCache';
var $TEMPLATE_REQUEST = '$templateRequest';
var $$TESTABILITY = '$$testability';
var COMPILER_KEY = '$$angularCompiler';
var DOWNGRADED_MODULE_COUNT_KEY = '$$angularDowngradedModuleCount';
var GROUP_PROJECTABLE_NODES_KEY = '$$angularGroupProjectableNodes';
var INJECTOR_KEY = '$$angularInjector';
var LAZY_MODULE_REF = '$$angularLazyModuleRef';
var NG_ZONE_KEY = '$$angularNgZone';
var UPGRADE_APP_TYPE_KEY = '$$angularUpgradeAppType';
var REQUIRE_INJECTOR = '?^^' + INJECTOR_KEY;
var REQUIRE_NG_MODEL = '?ngModel';
var UPGRADE_MODULE_NAME = '$$UpgradeModule';
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be
 * found in the LICENSE file at https://angular.io/license
 */
var $injector = null;
var injector$1;
function $injectorFactory() {
  return $injector;
}
var AngularTestingModule = /** @class */ (function () {
  function AngularTestingModule(i) {
    injector$1 = i;
  }
  AngularTestingModule = __decorate([
    core.NgModule({
      providers: [{
        provide: $INJECTOR,
        useFactory: $injectorFactory
      }
    ]),
    __metadata("design:paramtypes", [core.Injector])
  ], AngularTestingModule);
  return AngularTestingModule;
})();
/**
 * A helper function to use when unit testing Angular services that depend upon upgraded AngularJS services.
 * This function returns an `NgModule` decorated class that is configured to wire up the Angular and AngularJS injectors without the need to actually bootstrap a hybrid application.
 * This makes it simpler and faster to unit test services.
 * Use the returned class as an `import` when configuring the `TestBed`.
 * In the following code snippet, we are configuring the TestBed with two imports.
 * The `Ng2AppModule` is the Angular part of our hybrid application and the `ng1AppModule` is the AngularJS part.
 * <code-example path="upgrade/static/ts/full/module.spec.ts" region="angular-setup"></code-example>
 * Once this is done we can get hold of services via the Angular `Injector` as normal.
 * Services that are (or have dependencies on) an upgraded AngularJS service, will be instantiated as needed by the AngularJS `$injector`.
 * In the following code snippet, `HeroesService` is an Angular service that depends upon an AngularJS service, `titleCase`.
 * <code-example path="upgrade/static/ts/full/module.spec.ts" region="angular-spec"></code-example>
 * <div class="alert is-important">
 * This helper is for testing services not Components.
 * For Component testing you must still bootstrap a hybrid app. See `UpgradeModule` or `downgradeModule` for more information.
 * </div>
 * <div class="alert is-important">
 * The resulting configuration does not wire up AngularJS digests to Zone hooks. It is the responsibility of the test writer to call `$rootScope.$apply`, as necessary, to trigger AngularJS handlers of async events from Angular.
 * </div>
 * <div class="alert is-important">
 * The helper sets up global variables to hold the shared Angular and AngularJS injectors.
 * Only call this helper once per spec.
 * Do not use `createAngularTestingModule` in the same spec as `createAngularJSTestingModule`.
 * </div>
 * Here is the example application and its unit tests that use `createAngularTestingModule` and `createAngularJSTestingModule`.
 * <code-tabs>
 * <code-pane header="module.spec.ts" path="upgrade/static/ts/full/module.spec.ts"></code-pane>
 * <code-pane header="module.ts" path="upgrade/static/ts/full/module.ts"></code-pane>
 * </code-tabs>
 * @param angularJSMODULES a collection of the names of AngularJS modules to include in the configuration.
 * @param [strictDi] whether the AngularJS injector should have `strictDI` enabled.

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@publicApi\n  *^ function createAngularTestingModule(angularJSMODULES, strictDi) {\n
module_('$angularJSTestingModule', angularJSMODULES)\n      .constant(UPGRADE_APP_TYPE_KEY, 2 /*
Static */)\n      .factory(INJECTOR_KEY, function () { return injector$1; });\n      $injector = injector(['ng',
'$angularJSTestingModule'], strictDi);\n      return AngularTestingModule;\n    }\n\n  /**\n   * @license\n   *
Copyright Google Inc. All Rights Reserved.\n   *\n   * Use of this source code is governed by an MIT-style
license that can be\n   * found in the LICENSE file at https://angular.io/license\n   */\n\n   * A helper
function to use when unit testing AngularJS services that depend upon downgraded Angular\n   * services.\n   *\n   * This function returns an AngularJS module that is configured to wire up the AngularJS and Angular\n   *
injectors without the need to actually bootstrap a hybrid application.\n   * This makes it simpler and faster to unit
test services.\n   *\n   * Use the returned AngularJS module in a call to\n   *
[angular.mocks.module`](https://docs.angularjs.org/api/ngMock/function/angular.mock.module) to\n   * include
this module in the unit test injector.\n   *\n   * In the following code snippet, we are configuring the `injector`
with two modules:\n   * The AngularJS `ng1AppModule`, which is the AngularJS part of our hybrid application
and the\n   * `Ng2AppModule`, which is the Angular part.\n   *\n   * <code-example\n
path=\"upgrade/static/ts/full/module.spec.ts\"\n   * region=\"angularjs-setup\"></code-example>\n   *\n   * Once
this is done we can get hold of services via the AngularJS `injector` as normal.\n   * Services that are (or have
dependencies on) a downgraded Angular service, will be instantiated as\n   * needed by the Angular root
`Injector`.\n   *\n   * In the following code snippet, `heroesService` is a downgraded Angular service that we are\n
   * accessing from AngularJS.\n   *\n   * <code-example path=\"upgrade/static/ts/full/module.spec.ts\"\n   *
region=\"angularjs-spec\"></code-example>\n   *\n   * <div class=\"alert is-important\">\n   *\n   * This helper
is for testing services not components.\n   * For Component testing you must still bootstrap a hybrid app. See
`UpgradeModule` or\n   * `downgradeModule` for more information.\n   *\n   * </div>\n   *\n   * <div
class=\"alert is-important\">\n   *\n   * The resulting configuration does not wire up AngularJS digests to Zone
hooks. It is the\n   * responsibility of the test writer to call `$rootScope.$apply`, as necessary, to trigger\n   *
AngularJS handlers of async events from Angular.\n   *\n   * </div>\n   *\n   * <div class=\"alert is-
important\">\n   *\n   * The helper sets up global variables to hold the shared Angular and AngularJS injectors.\n
   *\n   * * Only call this helper once per spec.\n   * * Do not use `createAngularJSTestingModule` in the same spec
as `createAngularTestingModule`.\n   *\n   * </div>\n   *\n   * Here is the example application and its unit tests
that use `createAngularTestingModule` and `createAngularJSTestingModule`.\n   *\n   * <code-tabs>\n   *
<code-pane header=\"module.spec.ts\" path=\"upgrade/static/ts/full/module.spec.ts\"></code-pane>\n   * <code-
pane header=\"module.ts\" path=\"upgrade/static/ts/full/module.ts\"></code-pane>\n   * </code-tabs>\n   *\n
   *\n   * @param angularModules a collection of Angular modules to include in the configuration.\n   *\n   *
@publicApi\n   *^ function createAngularJSTestingModule(angularModules) {\n      return
module_('$angularJSTestingModule', [])\n      .constant(UPGRADE_APP_TYPE_KEY, 2 /* Static */)\n      .factory(INJECTOR_KEY, [\n        $INJECTOR,\n        function ($injector) {\n
testing.TestBed.configureTestingModule({\n          imports: angularModules,\n          providers: [{\n
provide: $INJECTOR, useValue: $injector }])\n          });\n          return
testing.TestBed.inject(core.Injector);\n        }])\n        .name;\n      })\n\n      /**\n       * @license\n       *
Copyright Google Inc. All Rights Reserved.\n       *\n       * Use of this source code is governed by an MIT-style
license that can be\n       * found in the LICENSE file at https://angular.io/license\n       */\n\n       * @license\n       *
Copyright Google Inc. All Rights Reserved.\n       *\n       * Use of this source code is governed by an MIT-style
license that can be\n       * found in the LICENSE file at https://angular.io/license\n       */\n\n       * Generated
bundle index. Do not edit.\n       */\n\n       exports.createAngularJSTestingModule = createAngularJSTestingModule;\n
       exports.createAngularTestingModule = createAngularTestingModule;\n
       exports.angular_packages_upgrade_static_testing_testing_a = module_;\n
       exports.angular_packages_upgrade_static_testing_testing_b = UPGRADE_APP_TYPE_KEY;\n
       exports.angular_packages_upgrade_static_testing_testing_d = INJECTOR_KEY;\n
       Object.defineProperty(exports, '__esModule', { value: true });\n     });\n\n     //# sourceMappingURL=upgrade-static-

```

testing.umd.js.map\n"]}

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1047774535_1591199783.98/0/angular-upgrade-9-0-7-src-zip/bundles/upgrade-static-testing.umd.min.js.map

No license file was found, but licenses were detected in source scan.

```
{"version":3,"file":"static.js","sources":["../../../../../../packages/upgrade/src/common/src/angular1.ts","../../../../../../packages/upgrade/src/common/src/constants.ts","../../../../../../packages/upgrade/src/common/src/component_info.ts","../../../../../../packages/upgrade/src/common/src/util.ts","../../../../../../packages/upgrade/src/common/src/downgrade_component_adapter.ts","../../../../../../packages/upgrade/src/common/src/promise_util.ts","../../../../../../packages/upgrade/src/common/src/downgrade_component.ts","../../../../../../packages/upgrade/src/common/src/downgrade_injectable.ts","../../../../../../packages/upgrade/src/common/src/version.ts","../../../../../../packages/upgrade/static/src/angular1_providers.ts","../../../../../../packages/upgrade/static/src/util.ts","../../../../../../packages/upgrade/static/src/downgrade_module.ts","../../../../../../packages/upgrade/src/common/src/upgrade_helper.ts","../../../../../../packages/upgrade/static/src/upgrade_component.ts","../../../../../../packages/upgrade/static/src/upgrade_module.ts","../../../../../../packages/upgrade/public_api.ts","../../../../../../packages/upgrade/static/index.ts","../../../../../../packages/upgrade/static/static.ts"],"sourcesContent":["/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at\n https://angular.io/license\n *\n\nexport type Ng1Token = string;\n\nexport type Ng1Expression = string | Function;\n\nexport interface IAnnotatedFunction extends Function {\n // Older versions of `@types/angular` typings extend the global `Function` interface with\n // `$inject?: string[]`, which is not compatible with `$inject?: ReadonlyArray<string>` (used in\n // latest versions).\n $inject?: Function extends{$inject?: string[]}? Ng1Token[]: ReadonlyArray<Ng1Token>;\n}\n\nexport type IInjectable = (Ng1Token | Function)[] | IAnnotatedFunction;\n\nexport type SingleOrListOrMap<T> = T | T[] | {[key: string]: T};\n\nexport interface IModule {\n name: string;\n requires: (string|IInjectable)[];\n config(fn: IInjectable): IModule;\n directive(selector: string, factory: IInjectable): IModule;\n component(selector: string, component: IComponent): IModule;\n controller(name: string, type: IInjectable): IModule;\n factory(key: Ng1Token, factoryFn: IInjectable): IModule;\n value(key: Ng1Token, value: any): IModule;\n constant(token: Ng1Token, value: any): IModule;\n run(a: IInjectable): IModule;\n}\n\nexport interface ICompileService {\n (element: Element|NodeList|Node[])string, transclude?: Function): ILinkFn;\n}\n\nexport interface ILinkFn {\n (scope: IScope, cloneAttachFn?: ICloneAttachFunction, options?: ILinkFnOptions): IAugmentedJQuery;\n $$slots?: {[slotName: string]: ILinkFn};\n}\n\nexport interface ILinkFnOptions {\n parentBoundTranscludeFn?: Function;\n transcludeControllers?: {[key: string]: any};\n futureParentElement?: Node;\n}\n\nexport interface IRootScopeService {\n $new(isolate?: boolean): IScope;\n $id: string;\n $parent: IScope;\n $root: IScope;\n $watch(exp: Ng1Expression, fn?: (a1?: any, a2?: any) => void): Function;\n $on(event: string, fn?: (event?: any, ...args: any[]) => void): Function;\n $destroy(): any;\n $apply(exp?: Ng1Expression): any;\n $digest(): any;\n $evalAsync(exp: Ng1Expression, locals?: any): void;\n $on(event: string, fn?: (event?: any, ...args: any[]) => void): Function;\n $$childTail: IScope;\n $$childHead: IScope;\n $$nextSibling: IScope;\n [key: string]: any;\n}\n\nexport interface IScope extends IRootScopeService {\n}\n\nexport interface IAngularBootstrapConfig { strictDi?: boolean; }\n\nexport interface IDirective {\n compile?: IDirectiveCompileFn;\n controller?: IController;\n controllerAs?: string;\n bindToController?: boolean|[key: string]: string};\n link?: IDirectiveLinkFn|IDirectivePrePost;\n name?: string;\n priority?: number;\n replace?: boolean;\n require?: DirectiveRequireProperty;\n restrict?: string;\n scope?: boolean|[key: string]: string};\n template?: string|Function;\n templateUrl?: string|Function;\n templateNamespace?: string;\n terminal?: boolean;\n transclude?: DirectiveTranscludeProperty;\n}\n\nexport type DirectiveRequireProperty = SingleOrListOrMap<string>;\n\nexport type DirectiveTranscludeProperty = boolean | 'element' | {[key: string]: string};\n\nexport interface IDirectiveCompileFn {\n (templateElement: IAugmentedJQuery, templateAttributes: IAttributes,\n transclude: ITranscludeFunction):
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IDirectivePrePost;\n}\nexport interface IDirectivePrePost {\n  pre?: IDirectiveLinkFn;\n  post?:
IDirectiveLinkFn;\n}\nexport interface IDirectiveLinkFn {\n  (scope: IScope, instanceElement: IAugmentedJQuery,
instanceAttributes: IAttributes,\n  controller: any, transclude: ITranscludeFunction): void;\n}\nexport interface
IComponent {\n  bindings?: {[key: string]: string};\n  controller?: string|IInjectable;\n  controllerAs?: string;\n
require?: DirectiveRequireProperty;\n  template?: string|Function;\n  templateUrl?: string|Function;\n  transclude?:
DirectiveTranscludeProperty;\n}\nexport interface IAttributes {\n  $observe(attr: string, fn: (v: string) => void):
void;\n  [key: string]: any;\n}\nexport interface ITranscludeFunction {\n  // If the scope is provided, then the
cloneAttachFn must be as well.\n  (scope: IScope, cloneAttachFn: ICloneAttachFunction): IAugmentedJQuery;\n  //
If one argument is provided, then it's assumed to be the cloneAttachFn.\n  (cloneAttachFn?: ICloneAttachFunction):
IAugmentedJQuery;\n}\nexport interface ICloneAttachFunction { (clonedElement: IAugmentedJQuery, scope:
IScope): any; }\nexport type IAugmentedJQuery = Node[] & {\n  on?: (name: string, fn: () => void) => void;\n
data?: (name: string, value?: any) => any;\n  text?: () => string;\n  inheritedData?: (name: string, value?: any) =>
any;\n  contents?: () => IAugmentedJQuery;\n  parent?: () => IAugmentedJQuery;\n  empty?: () => void;\n
append?: (content: IAugmentedJQuery | string) => IAugmentedJQuery;\n  controller?: (name: string) => any;\n
isolateScope?: () => IScope;\n  injector?: () => IInjectorService;\n  triggerHandler?: (eventTypeOrObject: string |
Event, extraParameters?: any[]) => IAugmentedJQuery;\n  remove?: () => void;\n  removeData?: () =>
void;\n};\nexport interface IProvider { $get: IInjectable; }\nexport interface IProvideService {\n  provider(token:
Ng1Token, provider: IProvider): IProvider;\n  factory(token: Ng1Token, factory: IInjectable): IProvider;\n
service(token: Ng1Token, type: IInjectable): IProvider;\n  value(token: Ng1Token, value: any): IProvider;\n
constant(token: Ng1Token, value: any): void;\n  decorator(token: Ng1Token, factory: IInjectable): void;\n}\nexport
interface IParseService { (expression: string): ICompiledExpression; }\nexport interface ICompiledExpression {\n
(context: any, locals: any): any;\n  assign?: (context: any, value: any) => any;\n}\nexport interface
IHttpBackendService {\n  (method: string, url: string, post?: any, callback?: Function, headers?: any, timeout?:
number,\n  withCredentials?: boolean): void;\n}\nexport interface ICacheObject {\n  put<T>(key: string, value?: T):
T;\n  get(key: string): any;\n}\nexport interface ITemplateCacheService extends ICacheObject { }\nexport interface
ITemplateRequestService {\n  (template: string|any /* TrustedResourceUrl */, ignoreRequestError?: boolean):
Promise<string>;\n  totalPendingRequests: number;\n}\nexport type IController = string | IInjectable;\nexport
interface IControllerService {\n  (controllerConstructor: IController, locals?: any, later?: any, ident?: any): any;\n
(controllerName: string, locals?: any): any;\n}\nexport interface IInjectorService {\n  get(key: string): any;\n
has(key: string): boolean;\n}\nexport interface IIntervalService {\n  (func: Function, delay: number, count?:
number, invokeApply?: boolean,\n  ...args: any[]): Promise<any>;\n  cancel(promise: Promise<any>):
boolean;\n}\nexport interface ITestabilityService {\n  findBindings(element: Element, expression: string,
opt_exactMatch?: boolean): Element[];\n  findModels(element: Element, expression: string, opt_exactMatch?:
boolean): Element[];\n  getLocation(): string;\n  setLocation(url: string): void;\n  whenStable(callback: Function):
void;\n}\nexport interface INgModelController {\n  $render(): void;\n  $isEmpty(value: any): boolean;\n
$setValidity(validationErrorKey: string, isValid: boolean): void;\n  $setPristine(): void;\n  $setDirty(): void;\n
$setUntouched(): void;\n  $setTouched(): void;\n  $rollbackViewValue(): void;\n  $validate(): void;\n
$commitViewValue(): void;\n  $setViewValue(value: any, trigger: string): void;\n  $viewValue: any;\n
$modelValue: any;\n  $parsers: Function[];\n  $formatters: Function[];\n  $validators: {[key: string]: Function};\n
$asyncValidators: {[key: string]: Function};\n  $viewChangeListeners: Function[];\n  $error: Object;\n  $pending:
Object;\n  $untouched: boolean;\n  $touched: boolean;\n  $pristine: boolean;\n  $dirty: boolean;\n  $valid: boolean;\n
$invalid: boolean;\n  $name: string;\n}\n\nfunction noNg(): never {\n  throw new Error('AngularJS v1.x is not
loaded!');\n}\n\nconst noNgElement: typeof angular.element = ((() => noNg()) as any);\nnoNgElement.cleanData =
noNg;\n\nlet angular: {\n  bootstrap: (e: Element, modules: (string | IInjectable)[], config?:
IAngularBootstrapConfig) =>{\n
IInjectorService,\n  module: (prefix: string, dependencies?: string[]) =>
IModule,\n  element: {\n    (e: string | Element | Document | IAugmentedJQuery): IAugmentedJQuery;\n
cleanData: (nodes: Node[] | NodeList) => void;\n  },\n  injector: (modules: Array<string|IInjectable>, strictDi?:
boolean) => IInjectorService,\n  version: {major: number},\n  resumeBootstrap: () => void,\n  getTestability: (e:

```

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Element) => ITestabilityService\n} = {\n bootstrap: noNg,\n module: noNg,\n element: noNgElement,\n injector:
noNg,\n version: undefined as any,\n resumeBootstrap: noNg,\n getTestability: noNg\n};\n\ntry {\n if
(window.hasOwnProperty('angular')) {\n angular = (<any>window).angular;\n }\n} catch {\n // ignore in CJS
mode.\n}\n\n/**\n * @deprecated Use `setAngularJSGlobal` instead.\n *\n * @publicApi\n */\nexport function
setAngularLib(ng: any): void {\n setAngularJSGlobal(ng);\n}\n\n/**\n * @deprecated Use `getAngularJSGlobal`
instead.\n *\n * @publicApi\n */\nexport function getAngularLib(): any {\n return
getAngularJSGlobal();\n}\n\n/**\n * Resets the AngularJS global.\n *\n * Used when AngularJS is loaded lazily,
and not available on `window`.\n *\n * @publicApi\n */\nexport function setAngularJSGlobal(ng: any): void {\n
angular = ng;\n}\n\n/**\n * Returns the current AngularJS global.\n *\n * @publicApi\n */\nexport function
getAngularJSGlobal(): any {\n return angular;\n}\n\nexport const bootstrap: typeof angular.bootstrap = (e, modules,
config?) =>\n angular.bootstrap(e, modules, config);\n\n// Do not declare as `module` to avoid webpack bug\n//
(see https://github.com/angular/angular/issues/30050).\nexport const module_: typeof angular.module = (prefix,
dependencies?) =>\n angular.module(prefix, dependencies);\n\nexport const element: typeof angular.element = (e
=> angular.element(e)) as typeof angular.element;\n\nexport const element.cleanData = nodes =>
angular.element.cleanData(nodes);\n\nexport const injector: typeof angular.injector = (modules:
Array<string|IInjectable>, strictDi?: boolean) => angular.injector(modules, strictDi);\n\nexport const
resumeBootstrap: typeof angular.resumeBootstrap = () => angular.resumeBootstrap();\n\nexport const
getTestability: typeof angular.getTestability = e => angular.getTestability(e);\n\n"/**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\n\nexport const $COMPILE = '$compile';\nexport const
$CONTROLLER = '$controller';\nexport const $DELEGATE = '$delegate';\nexport const
$EXCEPTION_HANDLER = '$exceptionHandler';\nexport const $HTTP_BACKEND = '$httpBackend';\nexport const
$INJECTOR = '$injector';\nexport const $INTERVAL = '$interval';\nexport const $PARSE = '$parse';\nexport const
$PROVIDE = '$provide';\nexport const $ROOT_SCOPE = '$rootScope';\nexport const $SCOPE =
$scope;\nexport const $TEMPLATE_CACHE = '$templateCache';\nexport const $TEMPLATE_REQUEST =
$templateRequest;\nexport const $TESTABILITY = '$$testability';\nexport const COMPILER_KEY =
'$angularCompiler';\nexport const DOWNGRADED_MODULE_COUNT_KEY =
'$angularDowngradedModuleCount';\nexport const GROUP_PROJECTABLE_NODES_KEY =
'$angularGroupProjectableNodes';\nexport const INJECTOR_KEY = '$angularInjector';\nexport const
LAZY_MODULE_REF = '$angularLazyModuleRef';\nexport const NG_ZONE_KEY = '$angularNgZone';\nexport const
UPGRADE_APP_TYPE_KEY = '$angularUpgradeAppType';\nexport const REQUIRE_INJECTOR = '?^^ + INJECTOR_KEY;\nexport const
REQUIRE_NG_MODEL = '?ngModel';\n\nexport const UPGRADE_MODULE_NAME = '$$UpgradeModule';\n\n"/**\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n */\n\n/**\n * A `PropertyBinding` represents a
mapping between a property name\n * and an attribute name. It is parsed from a string of the form\n * `"prop:
attr"`; or simply `"propAndAttr"` where the property\n * and attribute have the same identifier.\n */\nexport class
PropertyBinding {\n // TODO(issue/24571): remove '!'\n bracketAttr!: string;\n // TODO(issue/24571): remove
'!\n bracketParenAttr!: string;\n // TODO(issue/24571): remove '!\n parenAttr!: string;\n //
TODO(issue/24571): remove '!\n onAttr!: string;\n // TODO(issue/24571): remove '!\n bindAttr!: string;\n //
TODO(issue/24571): remove '!\n bindonAttr!: string;\n\n constructor(public prop: string, public attr: string) {\n
this.parseBinding();\n}\n\n private parseBinding() {\n this.bracketAttr = `[$${this.attr}]`;\n this.parenAttr =
`[${this.attr}]`;\n this.bracketParenAttr = `[$${this.attr}]`;\n const capitalAttr =
this.attr.charAt(0).toUpperCase() + this.attr.substr(1);\n this.onAttr = `on${capitalAttr}`;\n this.bindAttr =
`bind${capitalAttr}`;\n this.bindonAttr = `bindon${capitalAttr}`;\n }\n}\n\n"/**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\n\nimport {Injector, Type} from
'@angular/core';\nimport {IInjectorService, INgModelController} from './angular1';\nimport

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component.registerOnTouched(ngModel.$setTouched.bind(ngModel));\n  }\n }\n\n\n\n * Test two values for
strict equality, accounting for the fact that `NaN !== NaN`.\n */\nexport function strictEquals(val1: any, val2: any):
boolean {\n  return val1 === val2 || (val1 !== val1 && val2 !== val2);\n}\n\n", /**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\n\nimport { ApplicationRef, ChangeDetectorRef,
ComponentFactory, ComponentRef, EventEmitter, Injector, OnChanges, SimpleChange, SimpleChanges,
StaticProvider, Testability, TestabilityRegistry, Type } from '@angular/core';\n\nimport { IAttributes,
IAugmentedJQuery, ICompileService, IInjectorService, INgModelController, IParseService, IScope } from
'./angular1';\n\nimport { PropertyBinding } from './component_info';\n\nimport { $SCOPE } from './constants';\n\nimport
{ getTypeName, hookupNgModel, strictEquals } from './util';\n\nconst INITIAL_VALUE = {\n
__UNINITIALIZED__: true\n};\n\nexport class DowngradeComponentAdapter {\n  private implementsOnChanges
= false;\n  private inputChangeCount: number = 0;\n  private inputChanges: SimpleChanges = {};\n  private
componentScope: IScope;\n  // TODO(issue/24571): remove '!.\n  private componentRef!: ComponentRef<any>;\n
private component: any;\n  // TODO(issue/24571): remove '!.\n  private changeDetector!: ChangeDetectorRef;\n  //
TODO(issue/24571): remove '!.\n  private viewChangeDetector!: ChangeDetectorRef;\n\n  constructor(\n
private element: IAugmentedJQuery, private attrs: IAttributes, private scope: IScope,\n  private ngModel:
INgModelController, private parentInjector: Injector,\n  private $injector: IInjectorService, private $compile:
ICompileService,\n  private $parse: IParseService, private componentFactory: ComponentFactory<any>,\n
private wrapCallback: <T>(cb: () => T) => () => T) {\n  this.componentScope = scope.$new();\n  }\n\n
compileContents(): Node[][] {\n  const compiledProjectableNodes: Node[][] = [];\n  const projectableNodes:
Node[][] = this.groupProjectableNodes();\n  const linkFns = projectableNodes.map(nodes =>
this.$compile(nodes));\n\n  this.element.empty !();\n\n  linkFns.forEach(linkFn => {\n  linkFn(this.scope,
(clone: Node[]) => {\n  compiledProjectableNodes.push(clone);\n  this.element.append !(clone);\n  });\n
});\n\n  return compiledProjectableNodes;\n  }\n\n  createComponent(projectableNodes: Node[][]): {\n  const
providers: StaticProvider[] = [{ provide: $SCOPE, useValue: this.componentScope }];\n  const childInjector =
Injector.create(\n  { providers: providers, parent: this.parentInjector, name:
'DowngradeComponentAdapter'});\n\n  this.componentRef =\n  this.componentFactory.create(childInjector,
projectableNodes, this.element[0]);\n  this.viewChangeDetector =
this.componentRef.injector.get(ChangeDetectorRef);\n  this.changeDetector =
this.componentRef.changeDetectorRef;\n  this.component = this.componentRef.instance;\n\n  // testability hook is
commonly added during component bootstrap in\n  // packages/core/src/application_ref.bootstrap()\n  // in
downgraded application, component creation will take place here as well as adding the\n  // testability hook.\n
const testability = this.componentRef.injector.get(Testability, null);\n  if (testability) {\n
this.componentRef.injector.get(TestabilityRegistry)\n
.registerApplication(this.componentRef.location.nativeElement, testability);\n  }\n\n
hookupNgModel(this.ngModel, this.component);\n  }\n\n  setupInputs(attachView: boolean,
propagateDigest = true): void {\n  const attrs = this.attrs;\n  const inputs = this.componentFactory.inputs || [];\n
for (let i = 0; i < inputs.length; i++) {\n  const input = new PropertyBinding(inputs[i].propName,
inputs[i].templateName);\n  let expr: string|null = null;\n  if (attrs.hasOwnProperty(input.attr)) {\n  const
observeFn = (prop => {\n  let prevValue = INITIAL_VALUE;\n  return (currValue: any) => {\n  //
Initially, both `observe()` and `watch()` will call this function.\n  if (!strictEquals(prevValue, currValue))
{\n  if (prevValue === INITIAL_VALUE) {\n  prevValue = currValue;\n  }\n\n
this.updateInput(prop, prevValue, currValue);\n  prevValue = currValue;\n  }\n  });\n
})(input.prop);\n  attrs.$observe(input.attr, observeFn);\n\n  // Use `watch()` (in addition to `observe()`) in
order to initialize the input in time\n  // for `ngOnChanges()`. This is necessary if we are already in a `digest`,
which means that\n  // `ngOnChanges()` (which is called by a watcher) will run before the `observe()`
callback.\n  let unwatch: Function|null = this.componentScope.$watch(() => {\n  unwatch !();\n
unwatch = null;\n  observeFn(attrs[input.attr]);\n  });\n  } else if (attrs.hasOwnProperty(input.bindAttr))

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{\n    expr = attrs[input.bindAttr];\n    } else if (attrs.hasOwnProperty(input.bracketAttr)) {\n    expr =
attrs[input.bracketAttr];\n    } else if (attrs.hasOwnProperty(input.bindonAttr)) {\n    expr =
attrs[input.bindonAttr];\n    } else if (attrs.hasOwnProperty(input.bracketParenAttr)) {\n    expr =
attrs[input.bracketParenAttr];\n    }\n    if (expr != null) {\n    const watchFn =\n    (prop => (currValue:
any, prevValue: any) =>\n        this.updateInput(prop, prevValue, currValue))(input.prop);\n    this.componentScope.$watch(expr, watchFn);\n    }\n    }\n\n    // Invoke `ngOnChanges()` and Change Detection
(when necessary)\n    const detectChanges = () => this.changeDetector.detectChanges();\n    const prototype =
this.componentFactory.componentType.prototype;\n    this.implementsOnChanges = !(prototype &&
(<OnChanges>prototype).ngOnChanges);\n    this.componentScope.$watch(() => this.inputChangeCount,
this.wrapCallback(() => {\n    // Invoke `ngOnChanges()`\n    if (this.implementsOnChanges) {\n    const
inputChanges = this.inputChanges;\n    this.inputChanges = {};\n    (<OnChanges>this.component).ngOnChanges(inputChanges !);\n    }\n    }\n\n    this.viewChangeDetector.markForCheck();\n\n    // If opted out of propagating digests, invoke change detection
when inputs change.\n    if (!propagateDigest) {\n    detectChanges();\n    }\n    });\n\n    // If not opted out of
propagating digests, invoke change detection on every digest\n    if (propagateDigest) {\n
this.componentScope.$watch(this.wrapCallback(detectChanges));\n    }\n\n    // If necessary, attach the view so that
it will be dirty-checked.\n    // (Allow time for the initial input values to be set and `ngOnChanges()` to be called.)\n    if (manuallyAttachView || !propagateDigest) {\n    let unwatch: Function|null = this.componentScope.$watch(() =>
{\n    unwatch !();\n    unwatch = null;\n    }\n\n    const appRef =
this.parentInjector.get<ApplicationRef>(ApplicationRef);\n    appRef.attachView(this.componentRef.hostView);\n    });\n    }\n\n    }\n\n    setupOutputs() {\n    const attrs =
this.attrs;\n    const outputs = this.componentFactory.outputs || [];\n    for (let j = 0; j < outputs.length; j++) {\n
const output = new PropertyBinding(outputs[j].propName, outputs[j].templateName);\n    const bindonAttr =
output.bindonAttr.substring(0, output.bindonAttr.length - 6);\n    const bracketParenAttr =\n    `[$${output.bracketParenAttr.substring(2, output.bracketParenAttr.length - 8)}]`; \n    // order below is important -
first update bindings then evaluate expressions\n    if (attrs.hasOwnProperty(bindonAttr)) {\n
this.subscribeToOutput(output, attrs[bindonAttr], true);\n    }\n    if (attrs.hasOwnProperty(bracketParenAttr)) {\n
this.subscribeToOutput(output, attrs[bracketParenAttr], true);\n    }\n    if
(attrs.hasOwnProperty(output.onAttr)) {\n    this.subscribeToOutput(output, attrs[output.onAttr]);\n    }\n    if
(attrs.hasOwnProperty(output.parenAttr)) {\n    this.subscribeToOutput(output, attrs[output.parenAttr]);\n    }\n    }\n    }\n\n    private subscribeToOutput(output: PropertyBinding, expr: string, isAssignment: boolean = false) {\n
const getter = this.$parse(expr);\n    const setter = getter.assign;\n    if (isAssignment && !setter) {\n    throw new
Error(`Expression '${expr}' is not assignable!`);\n    }\n    const emitter = this.component[output.prop] as
EventEmitter<any>;\n    if (emitter) {\n    emitter.subscribe({\n    next: isAssignment ? (v: any) => setter
!(this.scope, v) :\n    (v: any) => getter(this.scope, {'$event': v})\n    });\n    } else {\n    throw new
Error(\n    `Missing emitter '${output.prop}' on component
'${getTypeName(this.componentFactory.componentType)}'`);\n    }\n    }\n\n    registerCleanup() {\n    const
testabilityRegistry = this.componentRef.injector.get(TestabilityRegistry);\n    const destroyComponentRef =
this.wrapCallback(() => this.componentRef.destroy());\n    let destroyed = false;\n\n    this.element.on !('$destroy', ()
=> this.componentScope.$destroy());\n    this.componentScope.$on('$destroy', () => {\n    if (!destroyed) {\n
destroyed = true;\n    testabilityRegistry.unregisterApplication(this.componentRef.location.nativeElement);\n
destroyComponentRef();\n    }\n    });\n    }\n\n    getInjector(): Injector { return this.componentRef.injector; }\n\n    private updateInput(prop: string, prevValue: any, currValue: any) {\n    if (this.implementsOnChanges) {\n
this.inputChanges[prop] = new SimpleChange(prevValue, currValue, prevValue === currValue);\n    }\n\n    this.inputChangeCount++;\n    this.component[prop] = currValue;\n    }\n\n    groupProjectableNodes() {\n    let
ngContentSelectors = this.componentFactory.ngContentSelectors;\n    return
groupNodesBySelector(ngContentSelectors, this.element.contents !());\n    }\n\n    /**\n    * Group a set of DOM nodes
into `ngContent` groups, based on the given content selectors.\n    */\n    export function

```

```

groupNodesBySelector(ngContentSelectors: string[], nodes: Node[]): Node[][] {\n
  const projectableNodes: Node[][] = [];\n
  let wildcardNgContentIndex: number;\n
  for (let i = 0, ii = ngContentSelectors.length; i < ii; ++i)\n
  {\n
    projectableNodes[i] = [];\n
  }\n
  for (let j = 0, jj = nodes.length; j < jj; ++j) {\n
    const node = nodes[j];\n
    const ngContentIndex = findMatchingNgContentIndex(node, ngContentSelectors);\n
    if (ngContentIndex != null)\n
    {\n
      projectableNodes[ngContentIndex].push(node);\n
    }\n
  }\n
  return projectableNodes;\n
}\n
function\n
findMatchingNgContentIndex(element: any, ngContentSelectors: string[]): number|null {\n
  const ngContentIndices: number[] = [];\n
  let wildcardNgContentIndex: number = -1;\n
  for (let i = 0; i < ngContentSelectors.length; i++) {\n
    const selector = ngContentSelectors[i];\n
    if (selector === '*') {\n
      wildcardNgContentIndex = i;\n
    } else {\n
      if (matchesSelector(element, selector)) {\n
        ngContentIndices.push(i);\n
      }\n
    }\n
  }\n
  ngContentIndices.sort();\n
  if (wildcardNgContentIndex !== -1) {\n
    ngContentIndices.push(wildcardNgContentIndex);\n
  }\n
  return ngContentIndices.length ? ngContentIndices[0] : null;\n
}\n
let _matches: (this: any, selector: string) => boolean;\n
function matchesSelector(el: any, selector: string): boolean {\n
  if (!_matches) {\n
    const elProto = <any>Element.prototype;\n
    _matches = elProto.matches || elProto.matchesSelector || elProto.mozMatchesSelector || elProto.msMatchesSelector || elProto.oMatchesSelector || elProto.webkitMatchesSelector;\n
  }\n
  return el.nodeType === Node.ELEMENT_NODE ? _matches.call(el, selector) : false;\n
}\n
"/**\n
 * @license\n
 * Copyright Google Inc. All Rights Reserved.\n
 * Use of this source code is governed by an MIT-style license that can be\n
 * found in the LICENSE file at https://angular.io/license\n
 */\n
import {isFunction} from './util';\n
export interface Thenable<T> {\n
  then(callback: (value: T) => any): any;\n
}\n
export function isThenable<T>(obj: unknown): obj is Thenable<T> {\n
  return !!obj && isFunction((obj as any).then);\n
}\n
/**\n
 * Synchronous, promise-like object.\n
 */\n
export class SyncPromise<T> {\n
  protected value: T|undefined;\n
  private resolved = false;\n
  private callbacks: ((value: T) => unknown)[] = [];\n
  static all<T>(valuesOrPromises: (T|Thenable<T>][]): SyncPromise<T[]> {\n
    const aggrPromise = new SyncPromise<T[]>();\n
    let resolvedCount = 0;\n
    const results: T[] = [];\n
    const resolve = (idx: number, value: T) => {\n
      results[idx] = value;\n
      if (++resolvedCount === valuesOrPromises.length) aggrPromise.resolve(results);\n
    };\n
    valuesOrPromises.forEach((p, idx) => {\n
      if (isThenable(p)) {\n
        p.then(v => resolve(idx, v));\n
      } else {\n
        resolve(idx, p);\n
      }\n
    });\n
    return aggrPromise;\n
  }\n
  resolve(value: T): void {\n
    // Do nothing, if already resolved.\n
    if (this.resolved) return;\n
    this.value = value;\n
    this.resolved = true;\n
    // Run the queued callbacks.\n
    this.callbacks.forEach(callback => callback(value));\n
    this.callbacks.length = 0;\n
  }\n
  then(callback: (value: T) => unknown): void {\n
    if (this.resolved) {\n
      callback(this.value!);\n
    } else {\n
      this.callbacks.push(callback);\n
    }\n
  }\n
}\n
"/**\n
 * @license\n
 * Copyright Google Inc. All Rights Reserved.\n
 * Use of this source code is governed by an MIT-style license that can be\n
 * found in the LICENSE file at https://angular.io/license\n
 */\n
import {ComponentFactory, ComponentFactoryResolver, Injector, NgZone, Type} from '@angular/core';\n
import {IAnnotatedFunction, IAttributes, IAugmentedJQuery, ICompileService, IDirective, IInjectorService, INgModelController, IParseService, IScope} from './angular1';\n
import {$COMPILE, $INJECTOR, $PARSE, INJECTOR_KEY, LAZY_MODULE_REF, REQUIRE_INJECTOR, REQUIRE_NG_MODEL} from './constants';\n
import {DowngradeComponentAdapter} from './downgrade_component_adapter';\n
import {SyncPromise, Thenable} from './promise_util';\n
import {LazyModuleRef, UpgradeAppType, controllerKey, getDowngradedModuleCount, getTypeName, getUpgradeAppType, validateInjectionKey} from './util';\n
/**\n
 * @description\n
 * A helper function that allows an Angular component to be used from AngularJS.\n
 * Part of the [upgrade/static](api?query=upgrade%2Fstatic)\n
 * library for hybrid upgrade apps that support AOT compilation.\n
 * This helper function returns a factory function to be used for registering\n
 * an AngularJS wrapper directive for "downgrading" an Angular component.\n
 * @usageNotes\n
 * ### Examples\n
 * Let's assume that you have an Angular component called `ng2Heroes` that needs\n
 * to be made available in AngularJS templates.\n
 * @example upgrade/static/ts/full/module.ts region="ng2-heroes"\n
 * We must create an AngularJS [directive](https://docs.angularjs.org/guide/directive)\n
 * that will make this Angular component available inside AngularJS templates.\n
 * The `downgradeComponent()` function returns a factory function that we\n
 * can use to

```

define the AngularJS directive that wraps the `"downgraded"` component.

```

@Example
upgrade/static/ts/full/module.ts region="ng2-heroes-wrapper"
For more details and examples on downgrading Angular components to AngularJS components please visit the [Upgrade guide](guide/upgrade#using-angular-components-from-angularjs-code).
@param info contains information about the Component that is being downgraded:
  - component: Type<any>: The type of the Component that will be downgraded
  - `downgradedModule?: string`: The name of the downgraded module (if any) that the component "belongs to", as returned by a call to `downgradeModule()`. It is the module, whose corresponding Angular module will be bootstrapped, when the component needs to be instantiated.
  - <br />
  (This option is only necessary when using `downgradeModule()` to downgrade more than one Angular module.)
  - `propagateDigest?: boolean`: Whether to perform { @link ChangeDetectorRef#detectChanges change detection } on the component on every
  [$digest](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest). If set to `false`, change detection will still be performed when any of the component's inputs changes. (Default: true)
  @returns a factory function that can be used to register the component in an AngularJS module.
  @publicApi
  ^next export function downgradeComponent(info: {
    component: Type<any>;
    downgradedModule?: string;
    propagateDigest?: boolean;
  } /** @deprecated since v4. This parameter is no longer used */
  inputs?: string[]; /** @deprecated since v4. This parameter is no longer used */
  outputs?: string[]; /** @deprecated since v4. This parameter is no longer used */
  selectors?: string[];
}): any /* angular.IInjectable */ {
  const directiveFactory: IAnnotatedFunction = function(
    $compile: ICompileService, $injector: IInjectorService, $parse: IParseService): IDirective {
    // When using `downgradeModule()`, we need to handle certain things specially. For example:
    // - We always need to attach the component view to the `ApplicationRef` for it to be dirty-checked.
    // - We need to ensure callbacks to Angular APIs (e.g. change detection) are run inside the Angular zone.
    // NOTE: This is not needed, when using `UpgradeModule`, because `digest()` will be run inside the Angular zone (except if explicitly escaped, in which case we shouldn't force it back in).
    const isNgUpgradeLite = getUpgradeAppType($injector) === UpgradeAppType.Lite;
    const wrapCallback: <T>(cb: () => T) => typeOf cb = isNgUpgradeLite ? cb => cb : cb => () => NgZone.isInAngularZone() ? cb() : ngZone.run(cb);
    let ngZone: NgZone;
    // When downgrading multiple modules, special handling is needed wrt injectors.
    const hasMultipleDowngradedModules = isNgUpgradeLite && (getDowngradedModuleCount($injector) > 1);
    return {
      restrict: 'E',
      terminal: true,
      require: [REQUIRE_INJECTOR, REQUIRE_NG_MODEL],
      link: (scope: IScope, element: IAugmentedJQuery, attrs: IAttributes, required: any[]) => {
        // We might have to compile the contents asynchronously, because this might have been triggered by `UpgradeNg1ComponentAdapterBuilder`, before the Angular templates have been compiled.
        const ngModel: INgModelController = required[1];
        const parentInjector: Injector|Thenable<Injector>|undefined = required[0];
        let moduleInjector: Injector|Thenable<Injector>|undefined = undefined;
        let ranAsync = false;
        if (!parentInjector || hasMultipleDowngradedModules) {
          const downgradedModule = info.downgradedModule || "";
          const lazyModuleRefKey = `${LAZY_MODULE_REF}${downgradedModule}`;
          const attemptedAction = `instantiating component '${getTypeName(info.component)}';`
          validateInjectionKey($injector, downgradedModule, lazyModuleRefKey, attemptedAction);
          const lazyModuleRef = $injector.get(lazyModuleRefKey) as LazyModuleRef;
          moduleInjector = lazyModuleRef.injector || lazyModuleRef.promise as Promise<Injector>;
        }
        // Notes:
        // There are two injectors: `finalModuleInjector` and `finalParentInjector` (they might be the same instance, but that is irrelevant):
        // - `finalModuleInjector` is used to retrieve `ComponentFactoryResolver`, thus it must be on the same tree as the `NgModule` that declares this downgraded component.
        // - `finalParentInjector` is used for all other injection purposes. (Note that Angular knows to only traverse the component-tree part of that injector, when looking for an injectable and then switch to the module injector.)
        // There are basically three cases:
        // - If there is no parent component (thus no `parentInjector`), we bootstrap the downgraded `NgModule` and use its injector as both

```

```

`finalModuleInjector` and\n    // `finalParentInjector`.\n    // - If there is a parent component (and thus a
`parentInjector`) and we are sure that it\n    // belongs to the same `NgModule` as this downgraded component
(e.g. because there is only\n    // one downgraded module, we use that `parentInjector` as both
`finalModuleInjector` and\n    // `finalParentInjector`.\n    // - If there is a parent component, but it may belong
to a different `NgModule`, then we\n    // use the `parentInjector` as `finalParentInjector` and this downgraded
component's\n    // declaring `NgModule`'s injector as `finalModuleInjector`.\n    // Note 1: If the
`NgModule` is already bootstrapped, we just get its injector (we don't\n    // bootstrap again).\n    // Note
2: It is possible that (while there are multiple downgraded modules) this\n    // downgraded component and
its parent component both belong to the same NgModule.\n    // In that case, we could have used the
`parentInjector` as both\n    // `finalModuleInjector` and `finalParentInjector`, but (for simplicity) we are\n
    // treating this case as if they belong to different `NgModule`s. That doesn't\n    // really affect
anything, since `parentInjector` has `moduleInjector` as ancestor\n    // and trying to resolve
`ComponentFactoryResolver` from either one will return\n    // the same instance.\n\n    // If there is a
parent component, use its injector as parent injector.\n    // If this is a \"top-level\" Angular component, use the
module injector.\n    const finalParentInjector = parentInjector || moduleInjector !;\n\n    // If this is a \"top-
level\" Angular component or the parent component may belong to a\n    // different `NgModule`, use the module
injector for module-specific dependencies.\n    // If there is a parent component that belongs to the same
`NgModule`, use its injector.\n    const finalModuleInjector = moduleInjector || parentInjector !;\n    const
doDowngrade = (injector: Injector, moduleInjector: Injector) => {\n    // Retrieve `ComponentFactoryResolver`
from the injector tied to the `NgModule` this\n    // component belongs to.\n    const
componentFactoryResolver: ComponentFactoryResolver =\n
moduleInjector.get(ComponentFactoryResolver);\n    const componentFactory: ComponentFactory<any> =\n
componentFactoryResolver.resolveComponentFactory(info.component) !;\n\n    if (!componentFactory) {\n
throw new Error(`Expecting ComponentFactory for: ${getTypeName(info.component)}`);\n    }\n\n
const injectorPromise = new ParentInjectorPromise(element);\n    const facade = new
DowngradeComponentAdapter(\n    element, attrs, scope, ngModel, injector, $injector, $compile, $parse,\n
componentFactory, wrapCallback);\n\n    const projectableNodes = facade.compileContents();\n
facade.createComponent(projectableNodes);\n    facade.setupInputs(isNgUpgradeLite, info.propagateDigest);\n
facade.setupOutputs();\n    facade.registerCleanup();\n\n
injectorPromise.resolve(facade.getInjector());\n\n    if (ranAsync) {\n    // If this is run async, it is possible
that it is not run inside a\n    // digest and initial input values will not be detected.\n    scope.$evalAsync(()
=> {});\n    }\n    }; \n\n    const downgradeFn =\n    !isNgUpgradeLite ? doDowngrade : (pInjector:
Injector, mInjector: Injector) => {\n    if (!ngZone) {\n    ngZone = pInjector.get(NgZone);\n
}\n\n    wrapCallback(() => doDowngrade(pInjector, mInjector));\n    }; \n\n    // NOTE:\n    // Not
using `ParentInjectorPromise.all()` (which is inherited from `SyncPromise`), because\n    // Closure Compiler (or
some related tool) complains:\n    // `TypeError: ...$src$downgrade_component_ParentInjectorPromise.all is not a
function`\n    SyncPromise.all([finalParentInjector, finalModuleInjector])\n    .then(([pInjector, mInjector])
=> downgradeFn(pInjector, mInjector));\n\n    ranAsync = true;\n    }\n    }; \n\n    // bracket-notation because
of closure - see #14441\n    directiveFactory['$inject'] = [$COMPILE, $INJECTOR, $PARSE];\n    return
directiveFactory;\n    }\n\n    /**\n    * Synchronous promise-like object to wrap parent injectors,\n    * to preserve the
synchronous nature of AngularJS's `$compile`.\n    */\n    class ParentInjectorPromise extends SyncPromise<Injector>
{\n    private injectorKey: string = controllerKey(INJECTOR_KEY);\n\n    constructor(private element:
IAugmentedJQuery) {\n    super();\n\n    // Store the promise on the element.\n    element.data !(this.injectorKey,
this);\n    }\n\n    resolve(injector: Injector): void {\n    // Store the real injector on the element.\n    this.element.data
!(this.injectorKey, injector);\n\n    // Release the element to prevent memory leaks.\n    this.element = null !;\n\n    //
Resolve the promise.\n    super.resolve(injector);\n    }\n    }\n\n    /**\n    * @license\n    * Copyright Google Inc. All Rights
Reserved.\n    * Use of this source code is governed by an MIT-style license that can be\n    * found in the
LICENSE file at https://angular.io/license\n    */\n    import {Injector} from '@angular/core';\n    import

```


named functions for the ng2 factories to keep the compiler happy:\n // > Metadata collected contains an error that will be reported at runtime:\n // > Function calls are not supported.\n // > Consider replacing the function or lambda with a reference to an exported function\n {provide: '\$injector', useFactory: injectorFactory, deps: []},\n {provide: '\$rootScope', useFactory: rootScopeFactory, deps: ['\$injector']},\n {provide: '\$compile', useFactory: compileFactory, deps: ['\$injector']},\n {provide: '\$parse', useFactory: parseFactory, deps: ['\$injector']};\n";\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\nimport {Injector, ÉµNOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR as NOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR} from '@angular/core';\n\nexport class NgAdapterInjector implements Injector {\n constructor(private modInjector: Injector) {}\n // When Angular locate a service in the component injector tree, the not found value is set to\n // `NOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR`. In such a case we should not walk up to the module\n // injector.\n // AngularJS only supports a single tree and should always check the module injector.\n get(token: any, notFoundValue?: any): any {\n if (notFoundValue === NOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR) {\n return notFoundValue;\n }\n return this.modInjector.get(token, notFoundValue);\n }\n}\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\nimport {Injector, NgModuleFactory, NgModuleRef, StaticProvider} from '@angular/core';\nimport {platformBrowser} from '@angular/platform-browser';\nimport {IInjectorService, IProvideService, module_ as angularModule} from '../src/common/src/angular1';\nimport {\$INJECTOR, \$PROVIDE, DOWNGRADED_MODULE_COUNT_KEY, INJECTOR_KEY, LAZY_MODULE_REF, UPGRADE_APP_TYPE_KEY, UPGRADE_MODULE_NAME} from '../src/common/src/constants';\nimport {LazyModuleRef, UpgradeAppType, getDowngradedModuleCount, isFunction} from '../src/common/src/util';\nimport {angular1Providers, setTempInjectorRef} from './angular1_providers';\nimport {NgAdapterInjector} from './util';\n\nlet moduleId = 0;\n/**\n * @description\n * A helper function for creating an AngularJS module that can bootstrap an Angular module\n * "on-demand" (possibly lazily) when a {@link DowngradeComponent downgrade component} needs to be\n * instantiated.\n * Part of the [upgrade/static](api?query=upgrade/static) library for hybrid upgrade apps that\n * support AOT compilation.\n * It allows loading/bootstrapping the Angular part of a hybrid application lazily and not having to\n * pay the cost up-front. For example, you can have an AngularJS application that uses Angular for\n * specific routes and only instantiate the Angular modules if/when the user visits one of these\n * routes.\n * The Angular module will be bootstrapped once (when requested for the first time) and the same\n * reference will be used from that point onwards.\n * `downgradeModule()` requires either an `NgModuleFactory` or a function:\n * - `NgModuleFactory`: If you pass an `NgModuleFactory`, it will be used to instantiate a module\n * using `platformBrowser`'s {@link PlatformRef#bootstrapModuleFactory bootstrapModuleFactory()}. \n * - `Function`: If you pass a function, it is expected to return a promise resolving to an\n * `NgModuleRef`. The function is called with an array of extra {@link StaticProvider Providers} that are expected to be available from the returned\n * `NgModuleRef`'s `Injector`. \n * `downgradeModule()` returns the name of the created AngularJS wrapper module. You can use it to\n * declare a dependency in your main AngularJS module.\n * @example\n * upgrade/static/ts/lite/module.ts region="basic-how-to"\n * For more details on how to use `downgradeModule()` see [Upgrading for Performance](guide/upgrade-performance).\n * @usageNotes\n * Apart from `UpgradeModule`, you can use the rest of the `upgrade/static` helpers as usual to\n * build a hybrid application. Note that the Angular pieces (e.g. downgraded services) will not be\n * available until the downgraded module has been bootstrapped, i.e. by instantiating a downgraded\n * component.\n * <div class="alert is-important">\n * You cannot use `downgradeModule()` and `UpgradeModule` in the same hybrid application.\n * Use one or the other.\n * </div>\n * ### Differences with `UpgradeModule`\n * Besides their different API, there are two important internal differences between\n * `downgradeModule()` and `UpgradeModule` that affect the behavior of hybrid applications:\n * 1. Unlike `UpgradeModule`,

`downgradeModule()` does not bootstrap the main AngularJS module inside the `{ @link NgZone Angular zone}`.

2. Unlike `UpgradeModule`, `downgradeModule()` does not automatically run `$digest()` ([https://docs.angularjs.org/api/ng/type/\\$rootScope.Scope#\\$digest](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest)) when changes are detected in the Angular part of the application. What this means is that applications using `UpgradeModule` will run change detection more frequently in order to ensure that both frameworks are properly notified about possible changes. This will inevitably result in more change detection runs than necessary.

`downgradeModule()`, on the other side, does not try to tie the two change detection systems as tightly, restricting the explicit change detection runs only to cases where it knows it is necessary (e.g. when the inputs of a downgraded component change). This improves performance, especially in change-detection-heavy applications, but leaves it up to the developer to manually notify each framework as needed.

For a more detailed discussion of the differences and their implications, see [\[Upgrading for Performance\]\(guide/upgrade-performance\)](#).

You can manually trigger a change detection run in AngularJS using `[scope.$apply(...)]` ([https://docs.angularjs.org/api/ng/type/\\$rootScope.Scope#\\$apply](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$apply)) or `[$rootScope.$digest()]` ([https://docs.angularjs.org/api/ng/type/\\$rootScope.Scope#\\$digest](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest)).

You can manually trigger a change detection run in Angular using `{ @link NgZone#run ngZone.run(...) }`.

Downgrading multiple modules

It is possible to downgrade multiple modules and include them in an AngularJS application. In that case, each downgraded module will be bootstrapped when an associated downgraded component or injectable needs to be instantiated.

Things to keep in mind, when downgrading multiple modules:

- Each downgraded component/injectable needs to be explicitly associated with a downgraded module. See `downgradeComponent()` and `downgradeInjectable()` for more details.
- If you want some injectables to be shared among all downgraded modules, you can provide them as `StaticProvider`'s, when creating the `PlatformRef` (e.g. via `platformBrowser` or `platformBrowserDynamic`).
- When using `{ @link PlatformRef#bootstrapmodule bootstrapModule() }` or `{ @link PlatformRef#bootstrapmodulefactory bootstrapModuleFactory() }` to bootstrap the downgraded modules, each one is considered a `"root"` module. As a consequence, a new instance will be created for every injectable provided in `"root"` (via `{ @link Injectable#providedIn providedIn }`).

If this is not your intention, you can have a shared module (that will act as the `"root"` module) and create all downgraded modules using that module's injector:

```
@example upgrade/static/ts/lite-multi-shared/module.ts
region="shared-root-module"
@publicApi
export function downgradeModule<T>(
  moduleFactoryOrBootstrapFn: NgModuleFactory<T> |
    ((extraProviders: StaticProvider[]) =>
      Promise<NgModuleRef<T>>): string {
  const lazyModuleName =
    `${UPGRADE_MODULE_NAME}.lazy${++moduleId}`;
  const lazyModuleRefKey =
    `${LAZY_MODULE_REF}${lazyModuleName}`;
  const lazyInjectorKey =
    `${INJECTOR_KEY}${lazyModuleName}`;
  const bootstrapFn = isFunction(moduleFactoryOrBootstrapFn)
    ? moduleFactoryOrBootstrapFn :
      (extraProviders: StaticProvider[]) =>
        platformBrowser(extraProviders).bootstrapModuleFactory(
          moduleFactoryOrBootstrapFn);
  let injector;
  // Create an ng1 module to bootstrap.
  angularModule(lazyModuleName, [])
    .constant(UPGRADE_APP_TYPE_KEY, UpgradeAppType.Lite)
    .factory(INJECTOR_KEY,
      [lazyInjectorKey, identity])
    .factory(lazyInjectorKey, () => {
      if (!injector) {
        throw new Error(
          'Trying to get the Angular injector before bootstrapping the corresponding ' +
          'Angular module.');
```

```
      }
      return injector;
    })
    .factory(LAZY_MODULE_REF,
      [lazyModuleRefKey, identity])
    .factory(lazyModuleRefKey, [
      $INJECTOR,
      ($injector: IInjectorService) => {
        setTempInjectorRef($injector);
        const result: LazyModuleRef = {
          promise: bootstrapFn(angular1Providers).then(
            (ref => {
              injector = result.injector = new
                NgAdapterInjector(ref.injector);
              injector.get($INJECTOR);
              return injector;
            })
          );
          return result;
        });
        .config([
          $INJECTOR, $PROVIDE,
          ($injector: IInjectorService, $provide: IProvideService) => {
            $provide.constant(DOWNGRADED_MODULE_COUNT_KEY,
              getDowngradedModuleCount($injector) + 1);
```



```

    });\n\n    return lazyModuleName;\n\n\nfunction identity<T = any>(x: T): T {\n    return x;\n}\n\n"/**\n *
@license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nimport { ElementRef,
Injector, SimpleChanges } from '@angular/core';\n\nimport { DirectiveRequireProperty, IAugmentedJQuery,
ICloneAttachFunction, ICompileService, IController, IControllerService, IDirective, IHttpBackendService,
IInjectorService, ILinkFn, IScope, ITemplateCacheService, SingleOrListOrMap, element as angularElement } from
'./angular1';\n\nimport { $COMPILE, $CONTROLLER, $HTTP_BACKEND, $INJECTOR, $TEMPLATE_CACHE }
from './constants';\n\nimport { controllerKey, directiveNormalize, isFunction } from './util';\n\n\n// Constants\nconst
REQUIRE_PREFIX_RE = /^(\\|\\^|\\^?)?(\\|\\|)?(\\|\\^|\\^?)?;/\n\n// Interfaces\nexport interface IBindingDestination {\n
[key: string]: any;\n $onChanges?: (changes: SimpleChanges) => void;\n}\n\nexport interface IControllerInstance
extends IBindingDestination {\n $doCheck?: () => void;\n $onDestroy?: () => void;\n $onInit?: () => void;\n
$postLink?: () => void;\n}\n\n// Classes\nexport class UpgradeHelper {\n    public readonly $injector:
IInjectorService;\n    public readonly element: Element;\n    public readonly $element: IAugmentedJQuery;\n    public
readonly directive: IDirective;\n\n    private readonly $compile: ICompileService;\n    private readonly $controller:
IControllerService;\n\n    constructor(\n        private injector: Injector, private name: string, elementRef: ElementRef,\n        directive?: IDirective) {\n        this.$injector = injector.get($INJECTOR);\n        this.$compile =
this.$injector.get($COMPILE);\n        this.$controller = this.$injector.get($CONTROLLER);\n\n        this.element =
elementRef.nativeElement;\n        this.$element = angularElement(this.element);\n        this.directive = directive ||
UpgradeHelper.getDirective(this.$injector, name);\n    }\n\n    static getDirective($injector: IInjectorService, name:
string): IDirective {\n        const directives: IDirective[] = $injector.get(name + 'Directive');\n        if (directives.length >
1) {\n            throw new Error(`Only support single directive definition for: ${name}`);\n        }\n        const directive =
directives[0];\n        // AngularJS will transform `link: xyz` to `compile: () => xyz`. So we can only tell there was a\n
// user-defined `compile` if there is no `link`. In other cases, we will just ignore `compile`.\n        if (directive.compile
&& !directive.link) notSupported(name, 'compile');\n        if (directive.replace) notSupported(name, 'replace');\n        if
(directive.terminal) notSupported(name, 'terminal');\n        return directive;\n    }\n\n    static getTemplate(\n
$injector: IInjectorService, directive: IDirective, fetchRemoteTemplate = false,\n        $element?:
IAugmentedJQuery): string|Promise<string> {\n        if (directive.template !== undefined) {\n            return
getOrCall<string>(directive.template, $element);\n        } else if (directive.templateUrl) {\n            const $templateCache =
$injector.get($TEMPLATE_CACHE) as ITemplateCacheService;\n            const url =
getOrCall<string>(directive.templateUrl, $element);\n            const template = $templateCache.get(url);\n            if
(template !== undefined) {\n                return template;\n            } else if (!fetchRemoteTemplate) {\n                throw new
Error('loading directive templates asynchronously is not supported');\n            }\n            return new Promise((resolve,
reject) => {\n                const $httpBackend = $injector.get($HTTP_BACKEND) as IHttpBackendService;\n
$httpBackend('GET', url, null, (status: number, response: string) => {\n                    if (status === 200) {\n
                        resolve($templateCache.put(url, response));\n                    } else {\n                        reject(`GET component template from '${url}'
returned '${status}: ${response}'`);\n                    }\n                });\n            } else {\n                throw new Error(`Directive
'${directive.name}' is not a component, it is missing template.`);\n            }\n        }\n\n        buildController(controllerType:
IController, $scope: IScope) {\n            // TODO: Document that we do not pre-assign bindings on the controller
instance.\n            // Quoted properties below so that this code can be optimized with Closure Compiler.\n            const locals =
{'$scope': $scope, '$element': this.$element};\n            const controller = this.$controller(controllerType, locals, null,
this.directive.controllerAs);\n            this.$element.data !(controllerKey(this.directive.name !), controller);\n            return
controller;\n        }\n\n        compileTemplate(template?: string): ILinkFn {\n            if (template === undefined) {\n                template
= UpgradeHelper.getTemplate(this.$injector, this.directive, false, this.$element) as string;\n            }\n            return
this.compileHtml(template);\n        }\n\n        onDestroy($scope: IScope, controllerInstance?: any) {\n            if
(controllerInstance && isFunction(controllerInstance.$onDestroy)) {\n                controllerInstance.$onDestroy();\n            }\n
            $scope.$destroy();\n            // Clean the jQuery/jqLite data on the component+child elements.\n            // Equivalent to how
jQuery/jqLite invoke `cleanData` on an Element (this.element)\n            //
https://github.com/jquery/jquery/blob/e743cbd28553267f955f71ea7248377915613fd9/src/manipulation.js#L223\n

```

```

// https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/jqLite.js#L306-
L312\n // `cleanData` will invoke the AngularJS `$destroy` DOM event\n //
https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/Angular.js#L1911-
L1924\n angularElement.cleanData([this.element]);\n
angularElement.cleanData(this.element.querySelectorAll('*'));\n\n prepareTransclusion(): ILinkFn|undefined
{\n  const transclude = this.directive.transclude;\n  const contentChildNodes = this.extractChildNodes();\n  const
attachChildrenFn: ILinkFn = (scope, cloneAttachFn) => {\n    // Since AngularJS v1.5.8, `cloneAttachFn` will try
to destroy the transclusion scope if\n    // `$template` is empty. Since the transcluded content comes from Angular,
not AngularJS,\n    // there will be no transclusion scope here.\n    // Provide a dummy `scope.$destroy()` method
to prevent `cloneAttachFn` from throwing.\n    scope = scope || {$destroy: () => undefined};\n    return
cloneAttachFn !($template, scope);\n  };\n  let $template = contentChildNodes;\n\n  if (transclude) {\n    const
slots = Object.create(null);\n\n    if (typeof transclude === 'object') {\n      $template = [];\n\n      const slotMap =
Object.create(null);\n      const filledSlots = Object.create(null);\n\n      // Parse the element selectors.\n
Object.keys(transclude).forEach(slotName => {\n        let selector = transclude[slotName];\n        const optional =
selector.charAt(0) === '?';\n        selector = optional ? selector.substring(1) : selector;\n\n        slotMap[selector] =
slotName;\n        slots[slotName] = null; // `null`: Defined but not yet filled.\n        filledSlots[slotName] =
optional; // Consider optional slots as filled.\n      });\n\n      // Add the matching elements into their slot.\n
contentChildNodes.forEach(node => {\n        const slotName =
slotMap[directiveNormalize(node.nodeName.toLowerCase())];\n        if (slotName) {\n
filledSlots[slotName] = true;\n        slots[slotName] = slots[slotName] || [];\n        slots[slotName].push(node);\n
        } else {\n          $template.push(node);\n        }\n      });\n\n      // Check for required slots that were not
filled.\n      Object.keys(filledSlots).forEach(slotName => {\n        if (!filledSlots[slotName]) {\n          throw
new Error(`Required transclusion slot '${slotName}' on directive: ${this.name}`);\n        }\n      });\n\n      Object.keys(slots).filter(slotName => slots[slotName]).forEach(slotName => {\n        const nodes =
slots[slotName];\n        slots[slotName] = (scope: IScope, cloneAttach: ICloneAttachFunction) => {\n          return
cloneAttach !(nodes, scope);\n        };\n      });\n\n      // Attach `$$slots` to default slot transclude fn.\n
attachChildrenFn.$$slots = slots;\n\n      // AngularJS v1.6+ ignores empty or whitespace-only transcluded text
nodes. But Angular\n      // removes all text content after the first interpolation and updates it later, after\n      //
evaluating the expressions. This would result in AngularJS failing to recognize text\n      // nodes that start with an
interpolation as transcluded content and use the fallback\n      // content instead.\n      // To avoid this issue, we add
a\n      // [zero-width non-joiner character](https://en.wikipedia.org/wiki/Zero-width_non-joiner)\n      // to empty
text nodes (which can only be a result of Angular removing their initial content).\n      // NOTE: Transcluded text
content that starts with whitespace followed by an interpolation\n      // will still fail to be detected by AngularJS
v1.6+\n      $template.forEach(node => {\n        if (node.nodeType === Node.TEXT_NODE && !node.nodeValue)\n
{\n          node.nodeValue = '\\u200C';\n        }\n      });\n\n      return attachChildrenFn;\n    }\n\n    resolveAndBindRequiredControllers(controllerInstance: IControllerInstance|null) {\n      const directiveRequire =
this.getDirectiveRequire();\n      const requiredControllers = this.resolveRequire(directiveRequire);\n\n      if
(controllerInstance && this.directive.bindToController && isMap(directiveRequire)) {\n        const
requiredControllersMap = requiredControllers as {[key: string]: IControllerInstance};\n
Object.keys(requiredControllersMap).forEach(key => {\n          controllerInstance[key] =
requiredControllersMap[key];\n        });\n      }\n\n      return requiredControllers;\n    }\n\n    private compileHtml(html:
string): ILinkFn {\n      this.element.innerHTML = html;\n      return this.$compile(this.element.childNodes);\n    }\n\n    private extractChildNodes(): Node[] {\n      const childNodes: Node[] = [];\n      let childNode: Node|null;\n\n      while
(childNode = this.element.firstChild) {\n        this.element.removeChild(childNode);\n
childNodes.push(childNode);\n      }\n\n      return childNodes;\n    }\n\n    private getDirectiveRequire():
DirectiveRequireProperty {\n      const require = this.directive.require || (this.directive.controller &&
this.directive.name) !;\n\n      if (isMap(require)) {\n        Object.keys(require).forEach(key => {\n          const value =
require[key];\n          const match = value.match(REQUIRE_PREFIX_RE) !;\n          const name =

```

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value.substring(match[0].length);\n\n    if (!name) {\n        require[key] = match[0] + key;\n    }\n}\n\n    return require;\n}\n\nprivate resolveRequire(require: DirectiveRequireProperty, controllerInstance?:\nany):\n    SingleOrListOrMap<IControllerInstance>|null {\n    if (!require) {\n        return null;\n    } else if\n(Array.isArray(require)) {\n        return require.map(req => this.resolveRequire(req));\n    } else if (typeof require\n=== 'object') {\n        const value: {[key: string]: IControllerInstance} = {};\n        Object.keys(require).forEach(key =>\nvalue[key] = this.resolveRequire(require[key]) !);\n        return value;\n    } else if (typeof require === 'string') {\n        const match = require.match(REQUIRE_PREFIX_RE) !;\n        const inheritType = match[1] || match[3];\n        const name = require.substring(match[0].length);\n        const isOptional = !!match[2];\n        const searchParents =\n!!inheritType;\n        const startOnParent = inheritType === '^';\n        const ctrlKey = controllerKey(name);\n        const elem = startOnParent ? this.$element.parent !(): this.$element;\n        const value = searchParents ?\n        elem.inheritedData !(ctrlKey) : elem.data !(ctrlKey);\n\n        if (!value && !isOptional) {\n            throw new Error(\n                `Unable to find required '${require}' in upgraded directive '${this.name}'.`);\n        }\n        return value;\n    }\n    else {\n        throw new Error(\n            `Unrecognized 'require' syntax on upgraded directive '${this.name}':\n            ${require}`);\n    }\n}\n\nfunction getOrCall<T>(property: T | Function, ...args: any[]): T {\n    return\n    isFunction(property) ? property(...args) : property;\n}\n\n// NOTE: Only works for `typeof T !== 'object'.\nfunction\nisMap<T>(value: SingleOrListOrMap<T>): value is {[key: string]: T} {\n    return value && !Array.isArray(value)\n    && typeof value === 'object';\n}\n\nfunction notSupported(name: string, feature: string) {\n    throw new\n    Error(`Upgraded directive '${name}' contains unsupported feature: '${feature}'.`);\n}\n\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that\n * can be\n * found in the LICENSE file at https://angular.io/license\n */\nimport { DoCheck, ElementRef,\n    EventEmitter, Injector, OnChanges, OnDestroy, OnInit, SimpleChanges, É\nlooseIdentical as looseIdentical } from\n '@angular/core';\nimport { IAttributes, IAugmentedJQuery, IDirective, IDirectivePrePost, IInjectorService,\n    ILinkFn, IScope, ITranscludeFunction } from '././src/common/src/angular1';\nimport { $SCOPE } from\n '././src/common/src/constants';\nimport { IBindingDestination, IControllerInstance, UpgradeHelper } from\n '././src/common/src/upgrade_helper';\nimport { isFunction } from '././src/common/src/util';\n\nconst\nNOT_SUPPORTED: any = 'NOT_SUPPORTED';\nconst INITIAL_VALUE = {\n    __UNINITIALIZED__:\n    true\n};\n\nclass Bindings {\n    twoWayBoundProperties: string[] = [];\n    twoWayBoundLastValues: any[] = [];\n    expressionBoundProperties: string[] = [];\n\n    propertyToOutputMap: {[propName: string]: string} =\n    {};\n}\n\n/**\n * @description\n * A helper class that allows an AngularJS component to be used from\n * Angular.\n * Part of the [upgrade/static](api?query=upgrade%2Fstatic)\n * library for hybrid upgrade apps that\n * support AOT compilation.\n * This helper class should be used as a base class for creating Angular directives\n * that wrap AngularJS components that need to be `upgraded`.\n * @usageNotes\n * ### Examples\n * Let's assume that you have an AngularJS component called `ng1Hero` that needs\n * to be made available in\n * Angular templates.\n * { @example upgrade/static/ts/full/module.ts region="ng1-hero" }\n * We must create\n * a `Directive` that will make this AngularJS component\n * available inside Angular templates.\n * { @example\n * upgrade/static/ts/full/module.ts region="ng1-hero-wrapper" }\n * In this example you can see that we must\n * derive from the `UpgradeComponent`\n * base class but also provide an { @link Directive `@Directive` } decorator.\n * This is\n * because the AOT compiler requires that this information is statically available at\n * compile time.\n * Note that we must do the following:\n * * specify the directive's selector (`ng1-hero`)\n * * specify all inputs and\n * outputs that the AngularJS component expects\n * * derive from `UpgradeComponent`\n * * call the base class from\n * the constructor, passing\n * * the AngularJS name of the component (`ng1Hero`)\n * * the `ElementRef` and\n * `Injector` for the component wrapper\n * @publicApi\n */\nexport class UpgradeComponent implements\n    OnInit, OnChanges, DoCheck, OnDestroy {\n    private helper: UpgradeHelper;\n\n    private $injector:\n    IInjectorService;\n\n    private element: Element;\n    private $element: IAugmentedJQuery;\n    private\n    $componentScope: IScope;\n\n    private directive: IDirective;\n    private bindings: Bindings;\n\n    //\n    TODO(issue/24571): remove '!'.\n    private controllerInstance !: IControllerInstance;\n    // TODO(issue/24571):\n    remove '!'.\n    private bindingDestination !: IBindingDestination;\n\n    // We will be instantiating the controller in the\n    `ngOnInit` hook, when the\n    // first `ngOnChanges` will have been already triggered. We store the\n
```

```

`SimpleChanges` and `play them back` later.\n // TODO(issue/24571): remove '!.\n private pendingChanges !:
SimpleChanges | null;\n\n // TODO(issue/24571): remove '!.\n private unregisterDoCheckWatcher !: Function;\n\n
/**\n * Create a new `UpgradeComponent` instance. You should not normally need to do this.\n * Instead you
should derive a new class from this one and call the super constructor\n * from the base class.\n *\n *
{@example upgrade/static/ts/full/module.ts region=`ng1-hero-wrapper`} \n *\n * * The `name` parameter
should be the name of the AngularJS directive.\n * * The `elementRef` and `injector` parameters should be
acquired from Angular by dependency\n * injection into the base class constructor.\n */\n constructor(private
name: string, private elementRef: ElementRef, private injector: Injector) {\n this.helper = new
UpgradeHelper(injector, name, elementRef);\n\n this.$injector = this.helper.$injector;\n\n this.element =
this.helper.element;\n this.$element = this.helper.$element;\n\n this.directive = this.helper.directive;\n
this.bindings = this.initializeBindings(this.directive);\n\n // We ask for the AngularJS scope from the Angular
injector, since\n // we will put the new component scope onto the new injector for each component\n const
$parentScope = injector.get($SCOPE);\n // QUESTION 1: Should we create an isolated scope if the scope is only
true?\n // QUESTION 2: Should we make the scope accessible through `$element.scope()/isolateScope()`?\n
this.$componentScope = $parentScope.$new(!this.directive.scope);\n\n this.initializeOutputs();\n }\n\n
ngOnInit() {\n // Collect contents, insert and compile template\n const attachChildNodes: ILinkFn|undefined =
this.helper.prepareTransclusion();\n const linkFn = this.helper.compileTemplate();\n\n // Instantiate controller\n
const controllerType = this.directive.controller;\n const bindToController = this.directive.bindToController;\n
if (controllerType) {\n this.controllerInstance = this.helper.buildController(controllerType,
this.$componentScope);\n } else if (bindToController) {\n throw new Error(\n `Upgraded directive
`${this.directive.name}` specifies 'bindToController' but no controller.`);\n }\n\n // Set up outputs\n
this.bindingDestination = bindToController ? this.controllerInstance : this.$componentScope;\n
this.bindOutputs();\n\n // Require other controllers\n const requiredControllers =\n
this.helper.resolveAndBindRequiredControllers(this.controllerInstance);\n\n // Hook: $onChanges\n if
(this.pendingChanges) {\n this.forwardChanges(this.pendingChanges);\n this.pendingChanges = null;\n
}\n\n // Hook: $onInit\n if (this.controllerInstance && isFunction(this.controllerInstance.$onInit)) {\n
this.controllerInstance.$onInit();\n }\n\n // Hook: $doCheck\n if (this.controllerInstance &&
isFunction(this.controllerInstance.$doCheck)) {\n const callDoCheck = () => this.controllerInstance.$doCheck
!();\n this.unregisterDoCheckWatcher = this.$componentScope.$parent.$watch(callDoCheck);\n
callDoCheck();\n }\n\n // Linking\n const link = this.directive.link;\n const preLink = typeof link == 'object'
&& link.pre;\n const postLink = typeof link == 'object' ? link.post : link;\n const attrs: IAttributes =
NOT_SUPPORTED;\n const transcludeFn: ITranscludeFunction = NOT_SUPPORTED;\n if (preLink) {\n
preLink(this.$componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n }\n\n
linkFn(this.$componentScope, null !, {parentBoundTranscludeFn: attachChildNodes});\n\n if (postLink) {\n
postLink(this.$componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n }\n\n // Hook:
$postLink\n if (this.controllerInstance && isFunction(this.controllerInstance.$postLink)) {\n
this.controllerInstance.$postLink();\n }\n }\n\n ngOnChanges(changes: SimpleChanges) {\n if
(!this.bindingDestination) {\n this.pendingChanges = changes;\n } else {\n this.forwardChanges(changes);\n
}\n }\n\n ngDoCheck() {\n const twoWayBoundProperties = this.bindings.twoWayBoundProperties;\n const
twoWayBoundLastValues = this.bindings.twoWayBoundLastValues;\n const propertyToOutputMap =
this.bindings.propertyToOutputMap;\n\n twoWayBoundProperties.forEach((propName, idx) => {\n const
newValue = this.bindingDestination[propName];\n const oldValue = twoWayBoundLastValues[idx];\n\n if
(!looseIdentical(newValue, oldValue)) {\n const outputName = propertyToOutputMap[propName];\n const
eventEmitter: EventEmitter<any> = (this as any)[outputName];\n\n eventEmitter.emit(newValue);\n
twoWayBoundLastValues[idx] = newValue;\n }\n });\n }\n\n ngOnDestroy() {\n if
(isFunction(this.unregisterDoCheckWatcher)) {\n this.unregisterDoCheckWatcher();\n }\n\n
this.helper.onDestroy(this.$componentScope, this.controllerInstance);\n }\n\n private initializeBindings(directive:
IDirective) {\n const btcIsObject = typeof directive.bindToController === 'object';\n if (btcIsObject &&

```


UpgradeModule#examples examples } below.

Mental Model

When reasoning about how a hybrid application works it is useful to have a mental model which describes what is happening and explains what is happening at the lowest level.

1. There are two independent frameworks running in a single application, each framework treats the other as a black box.
2. Each DOM element on the page is owned exactly by one framework. Whichever framework instantiated the element is the owner. Each framework only updates/interacts with its own DOM elements and ignores others.
3. AngularJS directives always execute inside the AngularJS framework codebase regardless of where they are instantiated.
4. Angular components always execute inside the Angular framework codebase regardless of where they are instantiated.
5. An AngularJS component can be "upgraded" to an Angular component. This is achieved by defining an Angular directive, which bootstraps the AngularJS component at its location in the DOM. See `UpgradeComponent`.
6. An Angular component can be "downgraded" to an AngularJS component. This is achieved by defining an AngularJS directive, which bootstraps the Angular component at its location in the DOM. See `downgradeComponent`.
7. Whenever an "upgraded"/"downgraded" component is instantiated the host element is owned by the framework doing the instantiation. The other framework then instantiates and owns the view for that component.

1. This implies that the component bindings will always follow the semantics of the instantiation framework.
2. The DOM attributes are parsed by the framework that owns the current template. So attributes in AngularJS templates must use kebab-case, while AngularJS templates must use camelCase.
3. However the template binding syntax will always use the Angular style, e.g. square brackets (`[...]`) for property binding.
4. Angular is bootstrapped first; AngularJS is bootstrapped second. AngularJS always owns the root component of the application.
5. The new application is running in an Angular zone, and therefore it no longer needs calls to `$apply()`.

The `UpgradeModule` class

This class is an `NgModule`, which you import to provide AngularJS core services, and has an instance method used to bootstrap the hybrid upgrade application.

Core AngularJS services

Importing this `NgModule` will add providers for the core [AngularJS services](https://docs.angularjs.org/api/ng/service) to the root injector.

Bootstrap

The runtime instance of this class contains a `bootstrap()` method, which you use to bootstrap the top level AngularJS module onto an element in the DOM for the hybrid upgrade app.

It also contains properties to access the `root injector`, the `bootstrap NgZone` and the `[AngularJS $injector](https://docs.angularjs.org/api/auto/service/$injector)`.

Examples

Import the `UpgradeModule` into your top level `{ @link NgModule Angular NgModule }`.

`{ @example upgrade/static/ts/full/module.ts region='ng2-module' }`

Then inject `UpgradeModule` into your Angular `NgModule` and use it to bootstrap the top level [AngularJS module](https://docs.angularjs.org/api/ng/type/angular.Module) in the `ngDoBootstrap()` method.

`{ @example upgrade/static/ts/full/module.ts region='bootstrap-ng1' }`

Finally, kick off the whole process, by bootstrapping your top level Angular `NgModule`.

`{ @example upgrade/static/ts/full/module.ts region='bootstrap-ng2' }`

`{ @a upgrading-an-angular-1-service }`

Upgrading an AngularJS service

There is no specific API for upgrading an AngularJS service. Instead you should just follow the following recipe:

Let's say you have an AngularJS service:

`{ @example upgrade/static/ts/full/module.ts region='ng1-text-formatter-service' }`

Then you should define an Angular provider to be included in your `NgModule` `providers` property.

`{ @example upgrade/static/ts/full/module.ts region='upgrade-ng1-service' }`

Then you can use the "upgraded" AngularJS service by injecting it into an Angular component or service.

`{ @example upgrade/static/ts/full/module.ts region='use-ng1-upgraded-service' }`

```

@publicApi
@NgModule({
  providers: [angularProviders]
})
export class UpgradeModule {
  /**
   * The AngularJS $injector for the upgrade application.
   */
  public $injector: any /*angular.IInjectorService*/;

  /**
   * The Angular Injector
   */
  public injector: Injector;

  /**
   * The root Injector for the upgrade application.
   */
  public bootstrapZone: NgZone;

  /**
   * Bootstrap an AngularJS application from this NgModule
   * @param element the element on which to bootstrap the AngularJS

```

```

application\n * @param [modules] the AngularJS modules to bootstrap for this application\n * @param [config]
optional extra AngularJS bootstrap configuration\n */\n bootstrap(\n   element: Element, modules: string[] = [],
config?: any /*angular.IAngularBootstrapConfig*/) {\n   const INIT_MODULE_NAME =
UPGRADE_MODULE_NAME + '.init';\n\n   // Create an ng1 module to bootstrap\n   const initModule =\nangularModule(INIT_MODULE_NAME, [])\n     .constant(UPGRADE_APP_TYPE_KEY,
UpgradeAppType.Static)\n     .value(INJECTOR_KEY, this.injector)\n     .factory(\nLAZY_MODULE_REF,\n   [INJECTOR_KEY, (injector: Injector) => ({ injector } as
LazyModuleRef)])\n     .config([\n   $PROVIDE, $INJECTOR,\n   ($provide: IProvideService,
$Iinjector: IInjectorService) => {\n     if ($injector.has($$TESTABILITY)) {\n
$provide.decorator($$TESTABILITY, [\n       $DELEGATE,\n       (testabilityDelegate:
ITestabilityService) => {\n         const originalWhenStable: Function = testabilityDelegate.whenStable;\n
         const injector = this.injector;\n         // Cannot use arrow function below because we need the
context\n         const newWhenStable = function(callback: Function) {\n
originalWhenStable.call(testabilityDelegate, function() {\n           const ng2Testability: Testability =
injector.get(Testability);\n           if (ng2Testability.isStable()) {\n             callback();\n
           } else {\n             ng2Testability.whenStable(\n
newWhenStable.bind(testabilityDelegate, callback));\n           });\n           });\n           });\n\n
testabilityDelegate.whenStable = newWhenStable;\n           return testabilityDelegate;\n
         });\n       });\n     } if ($injector.has($INTERVAL)) {\n
$provide.decorator($INTERVAL, [\n       $DELEGATE,\n       (intervalDelegate: IIntervalService)
=> {\n         // Wrap the $interval service so that setInterval is called outside NgZone,\n         // but
the callback is still invoked within it. This is so that $interval\n         // won't block stability, which preserves
the behavior from AngularJS.\n         let wrappedInterval =\n           (fn: Function, delay: number,
count?: number, invokeApply?: boolean,\n           ...pass: any[]) => {\n             return
this.ngZone.runOutsideAngular(() => {\n               return intervalDelegate(...args: any[]) => {\n
// Run callback in the next VM turn - $interval calls\n               // $rootScope.$apply, and running
the callback in NgZone will\n               // cause a '$digest already in progress' error if it's in the\n
// same vm turn.\n               setTimeout(() => { this.ngZone.run(() => fn(...args)); });\n
             }, delay, count, invokeApply, ...pass);\n             });\n           });\n\n
(wrappedInterval as any)['cancel'] = intervalDelegate.cancel;\n           return wrappedInterval;\n
         });\n       });\n     }]);\n\n   .run([\n   $INJECTOR,\n   ($injector:
IInjectorService) => {\n     this.$injector = $injector;\n     // Initialize the ng1 $injector provider\n
     setTempInjectorRef($injector);\n     this.injector.get($INJECTOR);\n     // Put the injector on
the DOM, so that it can be \"required\"\n     angularElement(element).data
!(controllerKey(INJECTOR_KEY), this.injector);\n     // Wire up the ng1 rootScope to run a digest cycle
whenever the zone settles\n     // We need to do this in the next tick so that we don't prevent the bootup\n
// stabilizing\n     setTimeout(() => {\n       const $rootScope = $injector.get('$rootScope');\n
const subscription = this.ngZone.onMicrotaskEmpty.subscribe(() => {\n       if ($rootScope.$$phase) {\n
if (isDevMode()) {\n         console.warn(\n           'A digest was triggered while one
was already in progress. This may mean that something is triggering digests outside the Angular zone.);\n
       }\n       return $rootScope.$evalAsync();\n       });\n       return $rootScope.$digest();\n
     });\n     $rootScope.$on('$destroy', () => { subscription.unsubscribe(); });\n     }, 0);\n
   });\n\n   const upgradeModule = angularModule(UPGRADE_MODULE_NAME,
[INIT_MODULE_NAME].concat(modules));\n\n   // Make sure resumeBootstrap() only exists if the current
bootstrap is deferred\n   const windowAngular = (window as any)['angular'];\n   windowAngular.resumeBootstrap
= undefined;\n\n   // Bootstrap the AngularJS application inside our zone\n   this.ngZone.run(() => {\n
bootstrap(element, [upgradeModule.name], config); });\n\n   // Patch resumeBootstrap() to run inside the ngZone\n
if (windowAngular.resumeBootstrap) {\n     const originalResumeBootstrap: () => void =

```


CAAC;AAE7C,AAAO,IAAM,YAAY,GAAG,mBAAmB,CAAC;AACHD,AAAO,IAAM,2BAA2B,GAAG,gCAA
C,CAAC;AAC5E,AAAO,IAAM,2BAA2B,GAAG,gCAAgC,CAAC;AAC5E,AAAO,IAAM,YAAY,GAAG,mBAA
mB,CAAC;AACHD,AAAO,IAAM,eAAe,GAAG,wBAAwB,CAAC;AACxD,AAAO,IAAM,WAAW,GAAG,iBAAi
B,CAAC;AAC7C,AAAO,IAAM,oBAAoB,GAAG,yBAAyB,CAAC;AAE9D,AAAO,IAAM,gBAAgB,GAAG,KAA
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No license file was found, but licenses were detected in source scan.

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Ac,KACnBvd,KA AK+gB,aAAe,KACpB/gB,KA AKghB,YAAc,KAYvB,OA tBA3D,EA AkBtc,UAAUyc,eAAiB,S
AAUyD,EA Aa1D,GAChevD,KA AK+gB,aAAeE,EACpBjhB,KA AKghB,YAAcC,EAAYpd,SAC/B7D,KA AKud,Y
AAcA,EACnBvd,KA AK8gB,aAAevD,EAAY5W,IA11DtB,cA21DV3G,KA AK6gB,UAAAY7gB,KA AK6gB,SAAS
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EAhC2B;,,,,,,,,,,,,,AAwDtC/d,EA AQqb,eAAiBA,EACzBrb,EA AQ+d,kBA AoBA,EAC5B/d,EA AQW,QAAUA,E
AEIBK,OAAO+B,eAAe/C,EAAS,aAAc,CAAE8D,OAAO","sourcesContent":["/*\n * @license Angular v9.0.7\n * (c) 2010-2020 Google LLC. https://angular.io\n * License: MIT\n *\n(function (global, factory) {\n typeof exports === 'object' && typeof module !== 'undefined' ? factory(exports, require('@angular/core'),\n require('@angular/platform-browser-dynamic')) :\n typeof define === 'function' && define.amd ?\n define('@angular/upgrade', ['exports', '@angular/core', '@angular/platform-browser-dynamic'], factory) :\n (global\n = global || self, factory((global.ng = global.ng || {}), global.ng.upgrade = {}), global.ng.core,\n global.ng.platformBrowserDynamic));\n})(this, (function (exports, core, platformBrowserDynamic) { 'use strict';\n\n /*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is\n governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\n /*\n * @publicApi\n *\n var VERSION = new core.Version('9.0.7');\n\n /*!\n ****\n Copyright (c)\n Microsoft Corporation. All rights reserved.\n Licensed under the Apache License, Version 2.0 (the \"License\");\n you may not use\n this file except in compliance with the License. You may obtain a copy of the\n License at\n http://www.apache.org/licenses/LICENSE-2.0\n THIS CODE IS PROVIDED ON AN *AS IS* BASIS,\n WITHOUT WARRANTIES OR CONDITIONS OF ANY\n KIND, EITHER EXPRESS OR IMPLIED,\n INCLUDING WITHOUT LIMITATION ANY IMPLIED\n WARRANTIES OR CONDITIONS OF TITLE,\n FITNESS FOR A PARTICULAR PURPOSE,\n MERCHANTABILITY OR NON-INFRINGEMENT.\n See the Apache Version 2.0 License for specific language governing permissions\n and limitations under the\n License.\n ****\n\n /*\n /* global Reflect, Promise\n var extendStatics = function(d, b) {\n extendStatics =\n Object.setPrototypeOf ||\n ({ __proto__: [] } instanceof Array && function (d, b) { d.__proto__ = b; }) ||\n

```

function (d, b) { for (var p in b) if (b.hasOwnProperty(p)) d[p] = b[p]; }
return extendStatics(d, b);
};
function __extends(d, b) {
  extendStatics(d, b);
  function __() { this.constructor = d; }
  d.prototype = b === null ? Object.create(b) : (__.prototype = b.prototype, new __());
}
var __assign = function() {
  __assign = Object.assign || function __assign(t) {
    for (var s, i = 1, n = arguments.length; i < n; i++) {
      s = arguments[i];
      for (var p in s) if (Object.prototype.hasOwnProperty.call(s, p)) t[p] = s[p];
    }
    return t;
  };
  return __assign.apply(this, arguments);
}
function __rest(s, e) {
  var t = {};
  for (var p in s) if (Object.prototype.hasOwnProperty.call(s, p) && e.indexOf(p) < 0) t[p] = s[p];
  if (s != null && typeof Object.getPrototypeOf === "function")
    for (var i = 0, p = Object.getPrototypeOf(s); i < p.length; i++) {
      if (e.indexOf(p[i]) < 0 && Object.prototype.propertyIsEnumerable.call(s, p[i])) t[p[i]] = s[p[i]];
    }
  return t;
}
function __decorate(decorators, target, key, desc) {
  var c = arguments.length, r = c < 3 ? target : desc === null ? desc = Object.getOwnPropertyDescriptor(target, key) : desc, d;
  if (typeof Reflect === "object" && typeof Reflect.decorate === "function") r = Reflect.decorate(decorators, target, key, desc);
  else for (var i = decorators.length - 1; i >= 0; i--) if (d = decorators[i]) r = (c < 3 ? d(r) : c > 3 ? d(target, key, r) : d(target, key)) || r;
  return c > 3 && r && Object.defineProperty(target, key, r, r);
}
function __param(paramIndex, decorator) {
  return function (target, key) { decorator(target, key, paramIndex); }
}
function __metadata(metadataKey, metadataValue) {
  if (typeof Reflect === "object" && typeof Reflect.metadata === "function") return Reflect.metadata(metadataKey, metadataValue);
}
function __awaiter(thisArg, _arguments, P, generator) {
  return new (P || (P = Promise))(function (resolve, reject) {
    function fulfilled(value) { try { step(generator.next(value)); } catch (e) { reject(e); } }
    function rejected(value) { try { step(generator["throw"](value)); } catch (e) { reject(e); } }
    function step(result) { result.done ? resolve(result.value) : new P(function (resolve) { resolve(result.value); }).then(fulfilled, rejected); }
    step((generator = generator.apply(thisArg, _arguments || [])).next());
  });
}
function __generator(thisArg, body) {
  var _ = { label: 0, sent: function() { if (t[0] & 1) throw t[1]; return t[1]; }, trys: [], ops: [] }, f, y, t, g;
  return g = { next: verb(0), "throw": verb(1), "return": verb(2) }, typeof Symbol === "function" && (g[Symbol.iterator] = function() { return this; }), g;
  function verb(n) { return function (v) { return step([n, v]); }; }
  function step(op) {
    if (f) throw new TypeError("Generator is already executing.");
    while (_) try {
      if (f = 1, y && (t = op[0] & 2 ? y["return"] : op[0] ? y["throw"] || ((t = y["return"]) && t.call(y), 0) : y.next) && !(t = t.call(y, op[1])).done) return t;
      if (y = 0, t) op = [op[0] & 2, t.value];
      switch (op[0]) {
        case 0: case 1: t = op; break;
        case 4: _.label++; return { value: op[1], done: false };
        case 5: _.label++; y = op[1]; op = [0]; continue;
        case 7: op = _.ops.pop(); _.trys.pop(); continue;
        default:
          if (!(t = _.trys, t = t.length > 0 && t[t.length - 1]) && (op[0] === 6 || op[0] === 2)) { _.label = 0; continue; }
          if (op[0] === 3 && (!t || (op[1] > t[0] && op[1] < t[3]))) { _.label = op[1]; break; }
          if (op[0] === 6 && _.label < t[1]) { _.label = t[1]; t = op; break; }
          if (t && _.label < t[2]) { _.label = t[2]; _.ops.push(op); break; }
          if (t[2]) _.ops.pop();
          _.trys.pop(); continue;
        }
      op = body.call(thisArg, _);
    } catch (e) { op = [6, e]; y = 0; } finally { f = t = 0; }
    if (op[0] & 5) throw op[1]; return { value: op[0] ? op[1] : void 0, done: true };
  }
}
function __exportStar(m, exports) {
  for (var p in m) if (!exports.hasOwnProperty(p)) exports[p] = m[p];
}
function __values(o) {
  var m = typeof Symbol === "function" && o[Symbol.iterator], i = 0;
  if (m) return m.call(o);
  return {
    next: function () {
      if (o && i >= o.length) o = void 0;
      return { value: o && o[i++], done: !o };
    }
  };
}
function __read(o, n) {
  var m = typeof Symbol === "function" && o[Symbol.iterator];
  if (!m) return o;
  var i = m.call(o), r, ar = [], e;
  try {
    while ((n === void 0 || n-- > 0) && !(r = i.next()).done) ar.push(r.value);
  } catch (error) { e = { error: error }; } finally {
    try {
      if (r && !r.done && (m = i["return"])) m.call(i);
    } finally {
      if (e) throw e.error;
    }
  }
  return ar;
}
function __spread() {
  for (var ar = [], i = 0; i < arguments.length; i++)

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ar = ar.concat(__read(arguments[i]));\r\n    return ar;\r\n  }\r\n\r\n  function __spreadArrays() {\r\n    for (var
s = 0, i = 0, il = arguments.length; i < il; i++) s += arguments[i].length;\r\n    for (var r = Array(s), k = 0, i = 0; i <
il; i++)\r\n      for (var a = arguments[i], j = 0, jl = a.length; j < jl; j++, k++)\r\n        r[k] = a[j];\r\n
return r;\r\n  };\r\n\r\n  function __await(v) {\r\n    return this instanceof __await ? (this.v = v, this) : new
__await(v);\r\n  }\r\n\r\n  function __asyncGenerator(thisArg, _arguments, generator) {\r\n    if
(!Symbol.asyncIterator) throw new TypeError("Symbol.asyncIterator is not defined.");\r\n    var g =
generator.apply(thisArg, _arguments || []), i, q = [];\r\n    return i = {}, verb("next"), verb("throw"),
verb("return"), i[Symbol.asyncIterator] = function () { return this; }, i;\r\n    function verb(n) { if (g[n]) i[n] =
function (v) { return new Promise(function (a, b) { q.push([n, v, a, b]) > 1 || resume(n, v); }); }; }\r\n    function
resume(n, v) { try { step(g[n](v)); } catch (e) { settle(q[0][3], e); } }\r\n    function step(r) { r.value instanceof
__await ? Promise.resolve(r.value.v).then(fulfill, reject) : settle(q[0][2], r); }\r\n    function fulfill(value) {
resume("next", value); }\r\n    function reject(value) { resume("throw", value); }\r\n    function settle(f, v) {
if (f(v), q.shift(), q.length) resume(q[0][0], q[0][1]); }\r\n  }\r\n\r\n  function __asyncDelegator(o) {\r\n    var i,
p;\r\n    return i = {}, verb("next"), verb("throw"), function (e) { throw e; }, verb("return"), i[Symbol.iterator]
= function () { return this; }, i;\r\n    function verb(n, f) { i[n] = o[n] ? function (v) { return (p = !p) ? { value:
__await(o[n](v)), done: n === "return" } : f : f(v) : v; } : f; }\r\n  }\r\n\r\n  function __asyncValues(o) {\r\n
if (!Symbol.asyncIterator) throw new TypeError("Symbol.asyncIterator is not defined.");\r\n    var m =
o[Symbol.asyncIterator], i;\r\n    return m ? m.call(o) : (o = typeof __values === "function" ? __values(o) :
o[Symbol.iterator]() , i = {}, verb("next"), verb("throw"), verb("return"), i[Symbol.asyncIterator] = function () {
return this; }, i);\r\n    function verb(n) { i[n] = o[n] && function (v) { return new Promise(function (resolve,
reject) { v = o[n](v), settle(resolve, reject, v.done, v.value); }); }; }\r\n    function settle(resolve, reject, d, v) {
Promise.resolve(v).then(function(v) { resolve({ value: v, done: d }); }, reject); }\r\n  }\r\n\r\n  function
__makeTemplateObject(cooked, raw) {\r\n    if (Object.defineProperty) { Object.defineProperty(cooked, "raw",
{ value: raw }); } else { cooked.raw = raw; }\r\n    return cooked;\r\n  };\r\n\r\n  function __importStar(mod)
{\r\n    if (mod && mod.__esModule) return mod;\r\n    var result = {};\r\n    if (mod != null) for (var k in
mod) if (Object.hasOwnProperty.call(mod, k)) result[k] = mod[k];\r\n    result.default = mod;\r\n    return
result;\r\n  }\r\n\r\n  function __importDefault(mod) {\r\n    return (mod && mod.__esModule) ? mod : {
default: mod }; }\r\n  }\n\n  /**\n   * @license\n   * Copyright Google Inc. All Rights Reserved.\n   *\n   * Use
of this source code is governed by an MIT-style license that can be\n   * found in the LICENSE file at
https://angular.io/license\n   *\n   function noNg() {\n    throw new Error('AngularJS v1.x is not loaded!');\n
}\n   var noNgElement = (function () { return noNg(); });\n   noNgElement.cleanData = noNg;\n   var angular =
{\n    bootstrap: noNg,\n    module: noNg,\n    element: noNgElement,\n    injector: noNg,\n    version:
undefined,\n    resumeBootstrap: noNg,\n    getTestability: noNg\n  };\n   try {\n    if
(window.hasOwnProperty('angular')) {\n    angular = window.angular;\n    }\n  } catch (_a) {\n    //
ignore in CJS mode.\n  }\n  /**\n   * @deprecated Use `setAngularJSGlobal` instead.\n   *\n   * @publicApi\n   *\n   function setAngularLib(ng) {\n    setAngularJSGlobal(ng);\n  }\n  /**\n   * @deprecated Use
`getAngularJSGlobal` instead.\n   *\n   * @publicApi\n   *\n   function getAngularLib() {\n    return
getAngularJSGlobal();\n  }\n  /**\n   * Resets the AngularJS global.\n   *\n   * Used when AngularJS is
loaded lazily, and not available on `window`.\n   *\n   * @publicApi\n   *\n   function setAngularJSGlobal(ng)
{\n    angular = ng;\n  }\n  /**\n   * Returns the current AngularJS global.\n   *\n   * @publicApi\n   *\n   function getAngularJSGlobal() {\n    return angular;\n  }\n   var bootstrap = function (e, modules, config) {\n
return angular.bootstrap(e, modules, config);\n  };\n  // Do not declare as `module` to avoid webpack bug\n  //
(see https://github.com/angular/angular/issues/30050).\n   var module_ = function (prefix, dependencies) {\n
return angular.module(prefix, dependencies);\n  };\n   var element = (function (e) { return angular.element(e); });\n
element.cleanData = function (nodes) { return angular.element.cleanData(nodes); };\n   var injector = function
(modules, strictDi) { return angular.injector(modules, strictDi); };\n   var resumeBootstrap = function () { return
angular.resumeBootstrap(); };\n   var getTestability = function (e) { return angular.getTestability(e); };\n\n  /**\n
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```

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 * found in the LICENSE file at https://angular.io/license
 */
var
$COMPILE = '$compile';
var $CONTROLLER = '$controller';
var $DELEGATE = '$delegate';
var $EXCEPTION_HANDLER = '$exceptionHandler';
var $HTTP_BACKEND = '$httpBackend';
var $INJECTOR = '$injector';
var $INTERVAL = '$interval';
var $PARSE = '$parse';
var $PROVIDE = '$provide';
var $ROOT_SCOPE = '$rootScope';
var $$SCOPE = '$scope';
var $TEMPLATE_CACHE = '$templateCache';
var $TEMPLATE_REQUEST = '$templateRequest';
var $$TESTABILITY = '$$testability';
var COMPILER_KEY = '$$angularCompiler';
var
DOWNGRADED_MODULE_COUNT_KEY = '$$angularDowngradedModuleCount';
var
GROUP_PROJECTABLE_NODES_KEY = '$$angularGroupProjectableNodes';
var INJECTOR_KEY = '$$angularInjector';
var LAZY_MODULE_REF = '$$angularLazyModuleRef';
var NG_ZONE_KEY = '$$angularNgZone';
var UPGRADE_APP_TYPE_KEY = '$$angularUpgradeAppType';
var
REQUIRE_INJECTOR = '?^^' + INJECTOR_KEY;
var REQUIRE_NG_MODEL = '?ngModel';
var
UPGRADE_MODULE_NAME = '$$UpgradeModule';
/**
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 * found in the LICENSE file at https://angular.io/license
 */
/**
 * A `PropertyBinding` represents a mapping between a property name
 * and an attribute name. It is parsed from a string of the form
 * `"prop: attr"`; or simply `"propAndAttr"` where the property
 * and attribute have the same identifier.
 */
var
PropertyBinding = /** @class */ (function () {
  function PropertyBinding(prop, attr) {
    this.prop = prop;
    this.attr = attr;
    this.parseBinding();
  }
  PropertyBinding.prototype.parseBinding =
function () {
  this.bracketAttr = "[" + this.attr + "];"
  this.parenAttr = "(" + this.attr + ")";
  this.bracketParenAttr = "[(" + this.attr + ")]";
  var capitalAttr = this.attr.charAt(0).toUpperCase() +
this.attr.substr(1);
  this.onAttr = "on" + capitalAttr;
  this.bindAttr = "bind" + capitalAttr;
  this.bindonAttr = "bindon" + capitalAttr;
};
  return PropertyBinding;
}());
/**
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 * found in the LICENSE file at https://angular.io/license
 */
var
DIRECTIVE_PREFIX_REGEXP = /^(?:x|data)[:|-_]\/i;
var DIRECTIVE_SPECIAL_CHARS_REGEXP = /[:\|_-]+(\/g);
function onError(e) {
  // TODO: (misko): We seem to not have a stack trace here!
  if (console.error) console.error(e, e.stack);
} else {
  // tslint:disable-next-line:no-console
  console.log(e, e.stack);
}
throw e;
}
function controllerKey(name) {
return '$' + name + 'Controller';
}
function directiveNormalize(name) {
return name.replace(DIRECTIVE_PREFIX_REGEXP, "").replace(DIRECTIVE_SPECIAL_CHARS_REGEXP,
function (_, letter) { return letter.toUpperCase(); });
}
function getTypeName(type) {
// Return the name of the type or the first line of its stringified version.
return type.overriddenName || type.name ||
type.toString().split("\n")[0];
}
function getDowngradedModuleCount($injector) {
return $injector.has(DOWNGRADED_MODULE_COUNT_KEY) ?
$injector.get(DOWNGRADED_MODULE_COUNT_KEY) : 0;
}
function
getUpgradeAppType($injector) {
return $injector.has(UPGRADE_APP_TYPE_KEY) ?
$injector.get(UPGRADE_APP_TYPE_KEY) : 0 /* None */;
}
function isFunction(value) {
return typeof value === 'function';
}
function validateInjectionKey($injector, downgradedModule,
injectionKey, attemptedAction) {
var upgradeAppType = getUpgradeAppType($injector);
var
downgradedModuleCount = getDowngradedModuleCount($injector);
// Check for common errors.
switch (upgradeAppType) {
case 1 /* Dynamic */:
case 2 /* Static */:
if (downgradedModule) {
throw new Error("Error while " + attemptedAction + ": 'downgradedModule'
unexpectedly specified.\n" +
'You should not specify a value for \'' + downgradedModule + '\', unless
you are downgrading ' +
'more than one Angular module (via \'' + downgradedModule + '\').');
}
break;
case 3 /* Lite */:
if (!downgradedModule && (downgradedModuleCount
>= 2)) {
throw new Error("Error while " + attemptedAction + ": 'downgradedModule' not
specified.\n" +
'This application contains more than one downgraded Angular module, thus you

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need to '+\n
injectables.);\n
}\n
if (!$injector.has(injectionKey)) {\n
throw new Error("\nError\nwhile \'' + attemptedAction + '\": Unable to find the specified downgraded module.\n\n" +\n
'Did you\nforget to downgrade an Angular module or include it in the AngularJS '+\n
'application?');\n
}\n
break;\n
default:\n
throw new Error("\nError while \'' + attemptedAction + '\": Not a\nvalid '@angular/upgrade' application.\n\n" +\n
'Did you forget to downgrade an Angular module or\ninclude it in the AngularJS '+\n
'application?');\n
}\n
}\n
var Deferred = /** @class */ (function\n()) {\n
function Deferred() {\n
var _this = this;\n
this.promise = new Promise(function (res, rej) {\n
_this.resolve = res;\n
_this.reject = rej;\n
});\n
}\n
return Deferred;\n
})();\n
/**\n
 * @return Whether the passed-in component implements the subset of the\n
 * `ControlValueAccessor`\n
interface needed for AngularJS `ng-model`\n
 * compatibility.\n
 */\n
function\nsupportsNgModel(component) {\n
return typeof component.writeValue === 'function' &&\n
typeof\ncomponent.registerOnChange === 'function';\n
}\n
/**\n
 * Glue the AngularJS `NgModelController` (if it\n
exists) to the component\n
 * (if it implements the needed subset of the `ControlValueAccessor`\n
interface).\n
 */\n
function hookupNgModel(ngModel, component) {\n
if (ngModel && supportsNgModel(component)) {\n
ngModel.$render = function () { component.writeValue(ngModel.$viewValue); };\n
component.registerOnChange(ngModel.$setViewValue.bind(ngModel));\n
if (typeof\ncomponent.registerOnTouched === 'function') {\n
component.registerOnTouched(ngModel.$setTouched.bind(ngModel));\n
}\n
}\n
}\n
/**\n
 * Test\n
two values for strict equality, accounting for the fact that `NaN !== NaN`.\n
 */\n
function strictEquals(val1,\nval2) {\n
return val1 === val2 || (val1 !== val1 && val2 !== val2);\n
}\n
/**\n
 * @license\n
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license that can be\n
 * found in the LICENSE file at https://angular.io/license\n
 */\n
var INITIAL_VALUE =\n{\n
__UNINITIALIZED__: true\n
};\n
var DowngradeComponentAdapter = /** @class */ (function () {\n
function DowngradeComponentAdapter(element, attrs, scope, ngModel, parentInjector, $injector, $compile,\n$parse, componentFactory, wrapCallback) {\n
this.element = element;\n
this.attrs = attrs;\n
this.scope = scope;\n
this.ngModel = ngModel;\n
this.parentInjector = parentInjector;\n
this.$injector = $injector;\n
this.$compile = $compile;\n
this.$parse = $parse;\n
this.componentFactory = componentFactory;\n
this.wrapCallback = wrapCallback;\n
this.implementsOnChanges = false;\n
this.inputChangeCount = 0;\n
this.inputChanges = {};\n
this.componentScope = scope.$new();\n
}\n
DowngradeComponentAdapter.prototype.compileContents =\nfunction () {\n
var _this = this;\n
var compiledProjectableNodes = [];\n
var projectableNodes =\nthis.groupProjectableNodes();\n
var linkFns = projectableNodes.map(function (nodes) { return\n_this.$compile(nodes); });\n
this.element.empty();\n
linkFns.forEach(function (linkFn) {\n
linkFn(_this.scope, function (clone) {\n
compiledProjectableNodes.push(clone);\n
_this.element.append(clone);\n
});\n
});\n
return compiledProjectableNodes;\n
};\n
DowngradeComponentAdapter.prototype.createComponent = function (projectableNodes) {\n
var providers\n= [{ provide: $SCOPE, useValue: this.componentScope }];\n
var childInjector = core.Injector.create({\nproviders: providers, parent: this.parentInjector, name: 'DowngradeComponentAdapter' });\n
this.componentRef =\nthis.componentFactory.create(childInjector, projectableNodes, this.element[0]);\n
this.viewChangeDetector = this.componentRef.injector.get(core.ChangeDetectorRef);\n
this.changeDetector = this.componentRef.changeDetectorRef;\n
this.component =\nthis.componentRef.instance;\n
// testability hook is commonly added during component bootstrap in\n
// packages/core/src/application_ref.bootstrap()\n
// in downgraded application, component creation will take\n
place here as well as adding the\n
// testability hook.\n
var testability =\nthis.componentRef.injector.get(core.Testability, null);\n
if (testability) {\n
this.componentRef.injector.get(core.TestabilityRegistry)\n
.registerApplication(this.componentRef.location.nativeElement, testability);\n
}\n
}

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hookupNgModel(this.ngModel, this.component);\n    };\n
DowngradeComponentAdapter.prototype.setupInputs = function (manuallyAttachView, propagateDigest) {\n
var _this = this;\n    if (propagateDigest === void 0) { propagateDigest = true; }\n    var attrs = this.attrs;\n    var inputs = this.componentFactory.inputs || [];\n    var _loop_1 = function (i) {\n    var input =\n    new PropertyBinding(inputs[i].propName, inputs[i].templateName);\n    var expr = null;\n    if\n    (attrs.hasOwnProperty(input.attr)) {\n    var observeFn_1 = (function (prop) {\n    var\n    prevValue = INITIAL_VALUE;\n    return function (currValue) {\n    // Initially, both\n    `$observe()` and `$watch()` will call this function.\n    if (!strictEquals(prevValue, currValue)) {\n    if (prevValue === INITIAL_VALUE) {\n    prevValue = currValue;\n    }\n    _this.updateInput(prop, prevValue, currValue);\n    prevValue =\n    currValue;\n    }\n    });\n    })(input.prop);\n    attrs.$observe(input.attr, observeFn_1);\n    // Use `$watch()` (in addition to `$observe()`) in order to\n    initialize the input in time\n    // for `ngOnChanges()`. This is necessary if we are already in a `$digest`,\n    which means that\n    // `ngOnChanges()` (which is called by a watcher) will run before the `$observe()`\n    callback.\n    var unwatch_1 = this._1.componentScope.$watch(function () {\n    unwatch_1();\n    unwatch_1 = null;\n    observeFn_1(attrs[input.attr]);\n    });\n    };\n    else if (attrs.hasOwnProperty(input.bindAttr)) {\n    expr = attrs[input.bindAttr];\n    }\n    else if (attrs.hasOwnProperty(input.bracketAttr)) {\n    expr = attrs[input.bracketAttr];\n    }\n    else if (attrs.hasOwnProperty(input.bindonAttr)) {\n    expr =\n    attrs[input.bindonAttr];\n    }\n    else if (attrs.hasOwnProperty(input.bracketParenAttr)) {\n    expr =\n    attrs[input.bracketParenAttr];\n    }\n    if (expr != null) {\n    var watchFn =\n    (function (prop) { return function (currValue, prevValue) {\n    return _this.updateInput(prop,\n    prevValue, currValue);\n    }; })(input.prop);\n    this._1.componentScope.$watch(expr,\n    watchFn);\n    }\n    });\n    var this_1 = this;\n    for (var i = 0; i < inputs.length; i++) {\n    _loop_1(i);\n    }\n    // Invoke `ngOnChanges()` and Change Detection (when necessary)\n    var\n    detectChanges = function () { return _this.changeDetector.detectChanges(); }; \n    var prototype =\n    this.componentFactory.componentType.prototype;\n    this.implementsOnChanges = !(prototype &&\n    prototype.ngOnChanges);\n    this.componentScope.$watch(function () { return _this.inputChangeCount; },\n    this.wrapCallback(function () {\n    // Invoke `ngOnChanges()`\n    if (_this.implementsOnChanges)\n    {\n    var inputChanges = _this.inputChanges;\n    _this.inputChanges = {};\n    _this.component.ngOnChanges(inputChanges);\n    }\n    _this.viewChangeDetector.markForCheck();\n    // If opted out of propagating digests, invoke change\n    detection when inputs change.\n    if (!propagateDigest) {\n    detectChanges();\n    }\n    }));\n    // If not opted out of propagating digests, invoke change detection on every digest\n    if\n    (propagateDigest) {\n    this.componentScope.$watch(this.wrapCallback(detectChanges));\n    }\n    // If necessary, attach the view so that it will be dirty-checked.\n    // (Allow time for the initial input values to\n    be set and `ngOnChanges()` to be called.)\n    if (manuallyAttachView || !propagateDigest) {\n    var\n    unwatch_2 = this.componentScope.$watch(function () {\n    unwatch_2();\n    unwatch_2 =\n    null;\n    var appRef = _this.parentInjector.get(core.ApplicationRef);\n    appRef.attachView(_this.componentRef.hostView);\n    });\n    }\n    }\n    }\n
DowngradeComponentAdapter.prototype.setupOutputs = function () {\n    var attrs = this.attrs;\n    var\n    outputs = this.componentFactory.outputs || [];\n    for (var j = 0; j < outputs.length; j++) {\n    var output\n    = new PropertyBinding(outputs[j].propName, outputs[j].templateName);\n    var bindonAttr =\n    output.bindonAttr.substring(0, output.bindonAttr.length - 6);\n    var bracketParenAttr = \"[(\" +\n    output.bracketParenAttr.substring(2, output.bracketParenAttr.length - 8) + \")\";\n    // order below is\n    important - first update bindings then evaluate expressions\n    if (attrs.hasOwnProperty(bindonAttr)) {\n    this.subscribeToOutput(output, attrs[bindonAttr], true);\n    }\n    if\n    (attrs.hasOwnProperty(bracketParenAttr)) {\n    this.subscribeToOutput(output, attrs[bracketParenAttr],

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true);\n      }\n      if (attrs.hasOwnProperty(output.onAttr)) {\n
this.subscribeToOutput(output, attrs[output.onAttr]);\n      }\n      if
(attrs.hasOwnProperty(output.parenAttr)) {\n      this.subscribeToOutput(output, attrs[output.parenAttr]);\n
      }\n      }\n      };\n      DowngradeComponentAdapter.prototype.subscribeToOutput = function (output,
expr, isAssignment) {\n      var _this = this;\n      if (isAssignment === void 0) { isAssignment = false; }\n
      var getter = this.$parse(expr);\n      var setter = getter.assign;\n      if (isAssignment && !setter) {\n
      throw new Error("Expression \"" + expr + "\" is not assignable!");\n      }\n      var emitter =
this.component[output.prop];\n      if (emitter) {\n      emitter.subscribe({\n      next: isAssignment
? function (v) { return setter(_this.scope, v); } : \n      function (v) { return getter(_this.scope, { '$event': v
}); }\n      });\n      }\n      };\n      };\n      else {\n      throw new Error("Missing emitter \"" + output.prop + "\" on
component \"" + getTypeName(this.componentFactory.componentType) + "\"!");\n      }\n      };\n
DowngradeComponentAdapter.prototype.registerCleanup = function () {\n      var _this = this;\n      var
testabilityRegistry = this.componentRef.injector.get(core.TestabilityRegistry);\n      var destroyComponentRef =
this.wrapCallback(function () { return _this.componentRef.destroy(); });\n      var destroyed = false;\n
this.element.on('$destroy', function () { return _this.componentScope.$destroy(); });\n
this.componentScope.$on('$destroy', function () {\n      if (!destroyed) {\n      destroyed = true;\n
      testabilityRegistry.unregisterApplication(_this.componentRef.location.nativeElement);\n
      destroyComponentRef();\n      }\n      });\n      });\n
DowngradeComponentAdapter.prototype.getInjector = function () { return this.componentRef.injector; };\n
DowngradeComponentAdapter.prototype.updateInput = function (prop, prevValue, currValue) {\n      if
(this.implementsOnChanges) {\n      this.inputChanges[prop] = new core.SimpleChange(prevValue,
currValue, prevValue === currValue);\n      }\n      this.inputChangeCount++;\n      this.component[prop]
= currValue;\n      };\n      DowngradeComponentAdapter.prototype.groupProjectableNodes = function () {\n
      var ngContentSelectors = this.componentFactory.ngContentSelectors;\n      return
      groupNodesBySelector(ngContentSelectors, this.element.contents());\n      };\n      return
      DowngradeComponentAdapter;\n      }());\n      /**\n      * Group a set of DOM nodes into `ngContent` groups, based
on the given content selectors.\n      *\n      * function groupNodesBySelector(ngContentSelectors, nodes) {\n      var
projectableNodes = [];\n      var wildcardNgContentIndex;\n      for (var i = 0, ii = ngContentSelectors.length; i <
ii; ++i) {\n      projectableNodes[i] = [];\n      }\n      for (var j = 0, jj = nodes.length; j < jj; ++j) {\n      var
node = nodes[j];\n      var ngContentIndex = findMatchingNgContentIndex(node, ngContentSelectors);\n
      if (ngContentIndex != null) {\n      projectableNodes[ngContentIndex].push(node);\n      }\n      }\n
      return projectableNodes;\n      }\n      function findMatchingNgContentIndex(element, ngContentSelectors) {\n      var
ngContentIndices = [];\n      var wildcardNgContentIndex = -1;\n      for (var i = 0; i < ngContentSelectors.length;
i++) {\n      var selector = ngContentSelectors[i];\n      if (selector === '*') {\n
      wildcardNgContentIndex = i;\n      }\n      else {\n      if (matchesSelector(element, selector)) {\n
      ngContentIndices.push(i);\n      }\n      }\n      }\n      ngContentIndices.sort();\n      if
(wildcardNgContentIndex !== -1) {\n      ngContentIndices.push(wildcardNgContentIndex);\n      }\n
      return ngContentIndices.length ? ngContentIndices[0] : null;\n      }\n      var _matches;\n      function
matchesSelector(el, selector) {\n      if (!_matches) {\n      var elProto = Element.prototype;\n      _matches =
elProto.matches || elProto.matchesSelector || elProto.mozMatchesSelector ||\n      elProto.msMatchesSelector ||
elProto.oMatchesSelector || elProto.webkitMatchesSelector;\n      }\n      return el.nodeType ===
Node.ELEMENT_NODE ? _matches.call(el, selector) : false;\n      }\n      }\n      /**\n      * @license\n      * Copyright
Google Inc. All Rights Reserved.\n      *\n      * Use of this source code is governed by an MIT-style license that can
be\n      * found in the LICENSE file at https://angular.io/license\n      *\n      * function isThenable(obj) {\n      return
!!obj && isFunction(obj.then);\n      }\n      /**\n      * Synchronous, promise-like object.\n      *\n      * var SyncPromise =
/** @class */ (function () {\n      function SyncPromise() {\n      this.resolved = false;\n      this.callbacks =
[];\n      }\n      SyncPromise.all = function (valuesOrPromises) {\n      var aggrPromise = new
SyncPromise();\n      var resolvedCount = 0;\n      var results = [];\n      var resolve = function (idx, value)

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{\n      results[idx] = value;\n      if (++resolvedCount === valuesOrPromises.length)\naggrPromise.resolve(results);\n      });\n      valuesOrPromises.forEach(function (p, idx) {\n      if\n(isThenable(p)) {\n      p.then(function (v) { return resolve(idx, v); });\n      }\n      else {\n      resolve(idx, p);\n      }\n      });\n      return aggrPromise;\n      });\nSyncPromise.prototype.resolve = function (value) {\n      // Do nothing, if already resolved.\n      if\n(this.resolved)\n      return;\n      this.value = value;\n      this.resolved = true;\n      // Run the\nqueued callbacks.\n      this.callbacks.forEach(function (callback) { return callback(value); });\nthis.callbacks.length = 0;\n      });\n      SyncPromise.prototype.then = function (callback) {\n      if\n(this.resolved) {\n      callback(this.value);\n      }\n      else {\nthis.callbacks.push(callback);\n      }\n      });\n      return SyncPromise;\n      }());\n\n /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style\nlicense that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\n /**\n * @description\n *\n * A helper function that allows an Angular component to be used from AngularJS.\n *\n * Part of the\n[upgrade/static](api?query=upgrade%2Fstatic)\n * library for hybrid upgrade apps that support AOT\ncompilation*\n *\n * This helper function returns a factory function to be used for registering\n * an\nAngularJS wrapper directive for \"downgrading\" an Angular component.\n *\n * @usageNotes\n * ###\nExamples\n *\n * Let's assume that you have an Angular component called `ng2Heroes` that needs\n * to be\nmade available in AngularJS templates.\n *\n * {@example upgrade/static/ts/full/module.ts region=\"ng2-\nheroes\"}\n *\n * We must create an AngularJS [directive](https://docs.angularjs.org/guide/directive)\n * that\nwill make this Angular component available inside AngularJS templates.\n * The `downgradeComponent`\nfunction returns a factory function that we\n * can use to define the AngularJS directive that wraps the\n\"downgraded\" component.\n *\n * {@example upgrade/static/ts/full/module.ts region=\"ng2-heroes-\nwrapper\"}\n *\n * For more details and examples on downgrading Angular components to AngularJS\ncomponents please\n * visit the [Upgrade guide](guide/upgrade#using-angular-components-from-angularjs-\ncode).\n *\n * @param info contains information about the Component that is being downgraded:\n *\n * -\n`component: Type<any>`: The type of the Component that will be downgraded\n * - `downgradedModule?:\nstring`: The name of the downgraded module (if any) that the component\n * \"belongs to\", as returned by a call\nto `downgradeModule()`. It is the module, whose\n * corresponding Angular module will be bootstrapped, when\nthe component needs to be instantiated.\n * <br />\n * (This option is only necessary when using\n`downgradeModule()` to downgrade more than one\n * Angular module.)\n * - `propagateDigest?: boolean`:\nWhether to perform { @link ChangeDetectorRef#detectChanges\n * change detection} on the component on\nevery\n * [$digest](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest). If set to `false`,\n * change detection will still be performed when any of the component's inputs changes.\n * (Default: true)\n *\n * @returns a factory function that can be used to register the component in an\n * AngularJS module.\n *\n * @publicApi\n */\nfunction downgradeComponent(info) {\n      var directiveFactory = function ($compile,\n$injector, $parse) {\n      // When using `downgradeModule()`, we need to handle certain things specially. For\nexample:\n      // - We always need to attach the component view to the `ApplicationRef` for it to be\n      // dirty-checked.\n      // - We need to ensure callbacks to Angular APIs (e.g. change detection) are run inside the\n      // Angular zone.\n      // NOTE: This is not needed, when using `UpgradeModule`, because `$digest()`\nwill be run\n      // inside the Angular zone (except if explicitly escaped, in which case we shouldn't\n      // force it back in).\n      var isNgUpgradeLite = getUpgradeAppType($injector) === 3 /* Lite */;\n      var wrapCallback = !isNgUpgradeLite ? function (cb) { return cb; } : function (cb) { return\n      core.NgZone.isInAngularZone() ? cb() : ngZone.run(cb); }; }\n      var ngZone;\n      // When downgrading\nmultiple modules, special handling is needed wrt injectors.\n      var hasMultipleDowngradedModules =\nisNgUpgradeLite && (getDowngradedModuleCount($injector) > 1);\n      return {\n      restrict: 'E',\n      terminal: true,\n      require: [REQUIRE_INJECTOR, REQUIRE_NG_MODEL],\n      link:\nfunction (scope, element, attrs, required) {\n      // We might have to compile the contents asynchronously,\n      because this might have been\n      // triggered by `UpgradeNg1ComponentAdapterBuilder`, before the

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Angular templates have\n          // been compiled.\n          var ngModel = required[1];\n          var
parentInjector = required[0];\n          var moduleInjector = undefined;\n          var ranAsync = false;\n
    if (!parentInjector || hasMultipleDowngradedModules) {\n          var downgradedModule =
info.downgradedModule || "";\n          var lazyModuleRefKey = "\"" + LAZY_MODULE_REF +
downgradedModule;\n          var attemptedAction = "instantiating component \"" +
getTypeName(info.component) + "\"";\n          validateInjectionKey($injector, downgradedModule,
lazyModuleRefKey, attemptedAction);\n          var lazyModuleRef = $injector.get(lazyModuleRefKey);\n
        moduleInjector = lazyModuleRef.injector || lazyModuleRef.promise;\n          }\n          //
Notes:\n          //\n          // There are two injectors: `finalModuleInjector` and `finalParentInjector` (they
might be\n          // the same instance, but that is irrelevant);\n          // - `finalModuleInjector` is used to
retrieve `ComponentFactoryResolver`, thus it must be\n          // on the same tree as the `NgModule` that
declares this downgraded component.\n          // - `finalParentInjector` is used for all other injection
purposes.\n          // (Note that Angular knows to only traverse the component-tree part of that injector,\n
        // when looking for an injectable and then switch to the module injector.)\n          //\n          //
There are basically three cases:\n          // - If there is no parent component (thus no `parentInjector`), we
bootstrap the downgraded\n          // `NgModule` and use its injector as both `finalModuleInjector` and\n
        // `finalParentInjector`.\n          // - If there is a parent component (and thus a `parentInjector`) and we
are sure that it\n          // belongs to the same `NgModule` as this downgraded component (e.g. because there
is only\n          // one downgraded module, we use that `parentInjector` as both `finalModuleInjector` and\n
        // `finalParentInjector`.\n          // - If there is a parent component, but it may belong to a different
`NgModule`, then we\n          // use the `parentInjector` as `finalParentInjector` and this downgraded
component's\n          // declaring `NgModule`'s injector as `finalModuleInjector`.\n          // Note 1: If
the `NgModule` is already bootstrapped, we just get its injector (we don't\n          // bootstrap again).\n
        // Note 2: It is possible that (while there are multiple downgraded modules) this\n          //
downgraded component and its parent component both belong to the same NgModule.\n          // In that
case, we could have used the `parentInjector` as both\n          // `finalModuleInjector` and
`finalParentInjector`, but (for simplicity) we are\n          // treating this case as if they belong to different
`NgModule`s. That doesn't\n          // really affect anything, since `parentInjector` has `moduleInjector`
as ancestor\n          // and trying to resolve `ComponentFactoryResolver` from either one will return\n
        // the same instance.\n          // If there is a parent component, use its injector as parent
injector.\n          // If this is a "top-level" Angular component, use the module injector.\n          var
finalParentInjector = parentInjector || moduleInjector;\n          // If this is a "top-level" Angular component or
the parent component may belong to a\n          // different `NgModule`, use the module injector for module-
specific dependencies.\n          // If there is a parent component that belongs to the same `NgModule`, use its
injector.\n          var finalModuleInjector = moduleInjector || parentInjector;\n          var doDowngrade =
function (injector, moduleInjector) {\n          // Retrieve `ComponentFactoryResolver` from the injector tied
to the `NgModule` this\n          // component belongs to.\n          var componentFactoryResolver =
moduleInjector.get(core.ComponentFactoryResolver);\n          var componentFactory =
componentFactoryResolver.resolveComponentFactory(info.component);\n          if (!componentFactory)
{\n          throw new Error("Expecting ComponentFactory for: \"" + getTypeName(info.component));\n
        }\n          var injectorPromise = new ParentInjectorPromise(element);\n          var facade
= new DowngradeComponentAdapter(element, attrs, scope, ngModel, injector, $injector, $compile, $parse,
componentFactory, wrapCallback);\n          var projectableNodes = facade.compileContents();\n
        facade.createComponent(projectableNodes);\n          facade.setupInputs(isNgUpgradeLite,
info.propagateDigest);\n          facade.setupOutputs();\n          facade.registerCleanup();\n
        injectorPromise.resolve(facade.getInjector());\n          if (ranAsync) {\n          // If this is run
async, it is possible that it is not run inside a\n          // digest and initial input values will not be
detected.\n          scope.$evalAsync(function () { });\n          }\n          }\n          var

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downgradeFn = !isNgUpgradeLite ? doDowngrade : function (pInjector, mInjector) {
  if (!ngZone)
    ngZone = pInjector.get(core.NgZone);
}
wrapCallback(function () { return doDowngrade(pInjector, mInjector); })();
NOTE: // Not using `ParentInjectorPromise.all()` (which is inherited from `SyncPromise`), because
// Closure Compiler (or some related tool) complains: // `TypeError:
...$.src$.downgrade_component_ParentInjectorPromise.all is not a function`
SyncPromise.all([finalParentInjector, finalModuleInjector]).then(function (_a) {
  var _b = __read(_a, 2), pInjector = _b[0], mInjector = _b[1];
  return downgradeFn(pInjector, mInjector);
});
directiveFactory['$inject'] = [$COMPILER, $INJECTOR, $PARSE];
return directiveFactory;
}
/**
 * Synchronous promise-like object to wrap parent injectors,
 * to preserve the synchronous nature of AngularJS's `$.compile`.
 */
var ParentInjectorPromise =
/** @class */ (function (_super) {
  __extends(ParentInjectorPromise, _super);
  function ParentInjectorPromise(element) {
    var _this = _super.call(this) || this;
    _this.element = element;
    _this.injectorKey = controllerKey(INJECTOR_KEY);
    // Store the promise on the element.
    element.data(_this.injectorKey, _this);
    return _this;
  }
  ParentInjectorPromise.prototype.resolve = function (injector) {
    // Store the real injector on the element.
    this.element.data(this.injectorKey, injector);
    // Release the element to prevent memory leaks.
    this.element = null;
    // Resolve the promise.
    _super.prototype.resolve.call(this, injector);
  };
  return ParentInjectorPromise;
})(SyncPromise);
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be
 * found in the LICENSE file at
 * https://angular.io/license
 * @description
 * A helper function to allow an Angular service to be accessible from AngularJS.
 * Part of the [upgrade/static](api?query=upgrade%2Fstatic) library for hybrid upgrade apps that support AOT compilation.
 * This helper function returns a factory function that provides access to the Angular service identified by the `token` parameter.
 * @usageNotes
 * ### Examples
 * First ensure that the service to be downgraded is provided in an `NgModule` that will be part of the upgrade application. For example, let's assume we have defined `HeroesService`
 *
 * ```ts
 * @example upgrade/static/ts/full/module.ts region="ng2-heroes-service"
 * ```
 * and that we have included this in our upgrade app `NgModule`
 *
 * ```ts
 * @example upgrade/static/ts/full/module.ts region="ng2-module"
 * ```
 * Now we can register the `downgradeInjectable` factory function for the service on an AngularJS module.
 *
 * ```ts
 * @example upgrade/static/ts/full/module.ts region="downgrade-ng2-heroes-service"
 * ```
 * Inside an AngularJS component's controller we can get hold of the downgraded service via the name we gave when downgrading.
 *
 * ```ts
 * @example upgrade/static/ts/full/module.ts region="example-app"
 * ```
 * 

* When using `downgradeModule()`, downgraded injectables will not be available until the Angular module that provides them is instantiated. In order to be safe, you need to ensure that the downgraded injectables are not used anywhere _outside_ the part of the app where it is guaranteed that their module has been instantiated.
 * For example, it is _OK_ to use a downgraded service in an upgraded component that is only used from a downgraded Angular component provided by the same Angular module as the injectable, but it is _not OK_ to use it in an AngularJS component that may be used independently of Angular or use it in a downgraded Angular component from a different module.
 *


 * @param token an `InjectionToken` that identifies a service provided from Angular.
 * @param downgradedModule the name of the downgraded module (if any) that the injectable "belongs to", as returned by a call to `downgradeModule()`. It is the module, whose injector will be used for instantiating the injectable.
 * (This option is only necessary when using `downgradeModule()` to downgrade more than one Angular module.)
 * @returns a [factory function](https://docs.angularjs.org/guide/di) that can be used to register the service on an AngularJS module.
 * @publicApi
 */
function downgradeInjectable(token, downgradedModule) {
  if (downgradedModule === void 0) {
    downgradedModule
  }
}

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= "; } \n    var factory = function ($injector) { \n        var injectorKey = "\"" + INJECTOR_KEY +
downgradedModule; \n        var injectableName = isFunction(token) ? getTypeName(token) : String(token); \n
    var attemptedAction = "instantiating injectable \"" + injectableName + "\""; \n
validateInjectionKey($injector, downgradedModule, injectorKey, attemptedAction); \n        var injector =
$injector.get(injectorKey); \n        return injector.get(token); \n    }; \n    factory['$inject'] = [$INJECTOR]; \n
    return factory; \n } \n \n /** \n  * @license \n  * Copyright Google Inc. All Rights Reserved. \n  * \n  * Use
of this source code is governed by an MIT-style license that can be \n  * found in the LICENSE file at
https://angular.io/license \n  * \n  // Constants \n  var REQUIRE_PREFIX_RE = /^(\\^\\^?)?(\\?)?(\\^\\^?)?;/ \n //
Classes \n  var UpgradeHelper = /** @class */ (function () { \n    function UpgradeHelper(injector, name,
elementRef, directive) { \n        this.injector = injector; \n        this.name = name; \n        this.$injector =
injector.get($INJECTOR); \n        this.$compile = this.$injector.get($COMPILE); \n        this.$controller =
this.$injector.get($CONTROLLER); \n        this.element = elementRef.nativeElement; \n        this.$element =
element(this.element); \n        this.directive = directive || UpgradeHelper.getDirective(this.$injector, name); \n
    } \n    UpgradeHelper.getDirective = function ($injector, name) { \n        var directives = $injector.get(name +
'Directive'); \n        if (directives.length > 1) { \n            throw new Error("Only support single directive
definition for: \"" + name); \n        } \n        var directive = directives[0]; \n        // AngularJS will transform
`link: xyz` to `compile: () => xyz`. So we can only tell there was a \n        // user-defined `compile` if there is no
`link`. In other cases, we will just ignore `compile`. \n        if (directive.compile && !directive.link) \n
notSupported(name, 'compile'); \n        if (directive.replace) \n            notSupported(name, 'replace'); \n        if
(directive.terminal) \n            notSupported(name, 'terminal'); \n        return directive; \n    }; \n
UpgradeHelper.getTemplate = function ($injector, directive, fetchRemoteTemplate, $element) { \n        if
(fetchRemoteTemplate === void 0) { fetchRemoteTemplate = false; } \n        if (directive.template !== undefined)
{ \n            return getOrCall(directive.template, $element); \n        } \n        else if (directive.templateUrl) { \n
            var $templateCache_1 = $injector.get($TEMPLATE_CACHE); \n            var url_1 =
getOrCall(directive.templateUrl, $element); \n            var template = $templateCache_1.get(url_1); \n            if
(template !== undefined) { \n                return template; \n            } \n            else if (!fetchRemoteTemplate)
{ \n                throw new Error('loading directive templates asynchronously is not supported'); \n            } \n
            return new Promise(function (resolve, reject) { \n                var $httpBackend =
$injector.get($HTTP_BACKEND); \n                $httpBackend('GET', url_1, null, function (status, response) { \n
                    if (status === 200) { \n                        resolve($templateCache_1.put(url_1, response)); \n
                    } \n                } \n            }); \n            } \n            else { \n                reject("GET component template from \"" + url_1 + "\" returned \"" +
status + "\": \"" + response + "\""); \n            } \n        } \n        } \n        } \n        } \n        else { \n
            throw new Error("Directive \"" + directive.name + "\" is not a component, it is missing template."); \n        } \n
    }; \n    UpgradeHelper.prototype.buildController = function (controllerType, $scope) { \n        // TODO:
Document that we do not pre-assign bindings on the controller instance. \n        // Quoted properties below so that
this code can be optimized with Closure Compiler. \n        var locals = { '$scope': $scope, '$element': this.$element
}; \n        var controller = this.$controller(controllerType, locals, null, this.directive.controllerAs); \n
this.$element.data(controllerKey(this.directive.name), controller); \n        return controller; \n    }; \n
UpgradeHelper.prototype.compileTemplate = function (template) { \n        if (template === undefined) { \n
            template = \n                UpgradeHelper.getTemplate(this.$injector, this.directive, false, this.$element); \n
        } \n        return this.compileHtml(template); \n    }; \n    UpgradeHelper.prototype.onDestroy = function
($scope, controllerInstance) { \n        if (controllerInstance && isFunction(controllerInstance.$onDestroy)) { \n
            controllerInstance.$onDestroy(); \n        } \n        $scope.$destroy(); \n        // Clean the jQuery/jqLite data
on the component+child elements. \n        // Equivalent to how jQuery/jqLite invoke `cleanData` on an Element
(this.element) \n        //
https://github.com/jquery/jquery/blob/e743cbd28553267f955f71ea7248377915613fd9/src/manipulation.js#L223 \n
        //
https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/jqLite.js#L306-

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L312\n      // `cleanData` will invoke the AngularJS `$destroy` DOM event\n      //
https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/Angular.js#L1911-
L1924\n      element.cleanData([this.element]);\n      element.cleanData(this.element.querySelectorAll("*"));\n
    });\n    UpgradeHelper.prototype.prepareTransclusion = function () {\n      var _this = this;\n      var
transclude = this.directive.transclude;\n      var contentChildNodes = this.extractChildNodes();\n      var
attachChildrenFn = function (scope, cloneAttachFn) {\n      // Since AngularJS v1.5.8, `cloneAttachFn` will
try to destroy the transclusion scope if\n      // `$template` is empty. Since the transcluded content comes from
Angular, not AngularJS,\n      // there will be no transclusion scope here.\n      // Provide a dummy
`scope.$destroy()` method to prevent `cloneAttachFn` from throwing.\n      scope = scope || { $destroy:
function () { return undefined; } };
return cloneAttachFn($template, scope);\n      });\n      var
$template = contentChildNodes;\n      if (transclude) {\n      var slots_1 = Object.create(null);\n      if
(typeof transclude === 'object') {\n      $template = [];\n      var slotMap_1 = Object.create(null);\n
      var filledSlots_1 = Object.create(null);\n      // Parse the element selectors.\n
Object.keys(transclude).forEach(function (slotName) {\n      var selector = transclude[slotName];\n
      var optional = selector.charAt(0) === '?';\n      selector = optional ? selector.substring(1) :
selector;\n      slotMap_1[selector] = slotName;\n      slots_1[slotName] = null; // `null` :
Defined but not yet filled.\n      filledSlots_1[slotName] = optional; // Consider optional slots as filled.\n
      });\n      // Add the matching elements into their slot.\n
contentChildNodes.forEach(function (node) {\n      var slotName =
slotMap_1[directiveNormalize(node.nodeName.toLowerCase)];\n      if (slotName) {\n
filledSlots_1[slotName] = true;\n      slots_1[slotName] = slots_1[slotName] || [];\n
slots_1[slotName].push(node);\n      }\n      } else {\n      $template.push(node);\n
      }\n      });\n      // Check for required slots that were not filled.\n
Object.keys(filledSlots_1).forEach(function (slotName) {\n      if (!filledSlots_1[slotName]) {\n
      throw new Error("Required transclusion slot \"" + slotName + "\" on directive: \"" + _this.name);\n
      }\n      });\n      Object.keys(slots_1).filter(function (slotName) { return slots_1[slotName];
}).forEach(function (slotName) {\n      var nodes = slots_1[slotName];\n      slots_1[slotName]
= function (scope, cloneAttach) {\n      return cloneAttach(nodes, scope);\n      });\n
      });\n      // Attach `$$slots` to default slot transclude fn.\n      attachChildrenFn.$$slots =
slots_1;\n      // AngularJS v1.6+ ignores empty or whitespace-only transcluded text nodes. But Angular\n
      // removes all text content after the first interpolation and updates it later, after\n      // evaluating the
expressions. This would result in AngularJS failing to recognize text\n      // nodes that start with an
interpolation as transcluded content and use the fallback\n      // content instead.\n      // To avoid this
issue, we add a\n      // [zero-width non-joiner character](https://en.wikipedia.org/wiki/Zero-width_non-
joiner)\n      // to empty text nodes (which can only be a result of Angular removing their initial content).\n
      // NOTE: Transcluded text content that starts with whitespace followed by an interpolation\n      //
will still fail to be detected by AngularJS v1.6+\n      $template.forEach(function (node) {\n      if
(node.nodeType === Node.TEXT_NODE && !node.nodeValue) {\n      node.nodeValue = "\u200C";\n
      }\n      });\n      }\n      return attachChildrenFn;\n      });\n
UpgradeHelper.prototype.resolveAndBindRequiredControllers = function (controllerInstance) {\n      var
directiveRequire = this.getDirectiveRequire();\n      var requiredControllers =
this.resolveRequire(directiveRequire);\n      if (controllerInstance && this.directive.bindToController &&
isMap(directiveRequire)) {\n      var requiredControllersMap_1 = requiredControllers;\n
Object.keys(requiredControllersMap_1).forEach(function (key) {\n      controllerInstance[key] =
requiredControllersMap_1[key];\n      });\n      }\n      return requiredControllers;\n      });\n
UpgradeHelper.prototype.compileHtml = function (html) {\n      this.element.innerHTML = html;\n      return
this.$compile(this.element.childNodes);\n      });\n      UpgradeHelper.prototype.extractChildNodes = function ()
{\n      var childNodes = [];\n      var childNode;\n      while (childNode = this.element.firstChild) {\n

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    this.element.removeChild(childNode);\n        childNodes.push(childNode);\n        }\n        return
childNodes;\n    };\n    UpgradeHelper.prototype.getDirectiveRequire = function () {\n        var require =
this.directive.require || (this.directive.controller && this.directive.name);\n        if (isMap(require)) {\n
Object.keys(require).forEach(function (key) {\n            var value = require[key];\n            var match =
value.match(REQUIRE_PREFIX_RE);\n            var name = value.substring(match[0].length);\n            if
(!name) {\n                require[key] = match[0] + key;\n            }\n        });\n    }\n    return
require;\n    };\n    UpgradeHelper.prototype.resolveRequire = function (require, controllerInstance) {\n
var _this = this;\n    if (!require) {\n        return null;\n    }\n    else if (Array.isArray(require)) {\n
return require.map(function (req) { return _this.resolveRequire(req); });\n    }\n    else if (typeof
require === 'object') {\n        var value_1 = {};\n        Object.keys(require).forEach(function (key) { return
value_1[key] = _this.resolveRequire(require[key]); });\n        return value_1;\n    }\n    else if (typeof
require === 'string') {\n        var match = require.match(REQUIRE_PREFIX_RE);\n        var inheritType
= match[1] || match[3];\n        var name_1 = require.substring(match[0].length);\n        var isOptional =
!!match[2];\n        var searchParents = !!inheritType;\n        var startOnParent = inheritType === '^';\n
var ctrlKey = controllerKey(name_1);\n        var elem = startOnParent ? this.$element.parent() :
this.$element;\n        var value = searchParents ? elem.inheritedData(ctrlKey) : elem.data(ctrlKey);\n
if (!value && !isOptional) {\n            throw new Error("Unable to find required \"" + require + "\" in upgraded
directive \"" + this.name + "\".");\n        }\n        return value;\n    }\n    else {\n        throw
new Error("Unrecognized 'require' syntax on upgraded directive \"" + this.name + "\": \"" + require);\n    }\n
};\n    return UpgradeHelper;\n    }());\n    function getOrCall(property) {\n        var args = [];\n        for (var _i =
1; _i < arguments.length; _i++) {\n            args[_i - 1] = arguments[_i];\n        }\n        return isFunction(property) ?
property.apply(void 0, __spread(args)) : property;\n    }\n    // NOTE: Only works for `typeof T !== 'object'.\n
function isMap(value) {\n        return value && !Array.isArray(value) && typeof value === 'object';\n    }\n
function notSupported(name, feature) {\n        throw new Error("Upgraded directive \"" + name + "\" contains
unsupported feature: \"" + feature + "\".");\n    }\n    /**\n     * @license\n     * Copyright Google Inc. All Rights
Reserved.\n     * Use of this source code is governed by an MIT-style license that can be\n     * found in the
LICENSE file at https://angular.io/license\n     */\n    var CAMEL_CASE = /[A-Z]/g;\n    var INITIAL_VALUE$1
= {\n        __UNINITIALIZED__: true;\n    };\n    var NOT_SUPPORTEDED = 'NOT_SUPPORTEDED';\n    var
UpgradeNg1ComponentAdapterBuilder = /** @class */ (function () {\n        function
UpgradeNg1ComponentAdapterBuilder(name) {\n            this.name = name;\n            this.inputs = [];\n
this.inputsRename = [];\n            this.outputs = [];\n            this.outputsRename = [];\n            this.propertyOutputs =
[];\n            this.checkProperties = [];\n            this.propertyMap = {};\n            this.directive = null;\n            var
selector = name.replace(CAMEL_CASE, function (all, next) { return '-' + next.toLowerCase(); });\n            var self
= this;\n            // Note: There is a bug in TS 2.4 that prevents us from\n            // inlining this into @Directive\n
// TODO(tbosch): find or file a bug against TypeScript for this.\n            var directive = { selector: selector, inputs:
this.inputsRename, outputs: this.outputsRename };\n            var MyClass = /** @class */ (function (_super) {\n
                __extends(MyClass, _super);\n                function MyClass(scope, injector, elementRef) {\n                    var _this
= this;\n                    _this = _super.call(this, new UpgradeHelper(injector, name, elementRef, self.directive ||
undefined), scope, self.template, self.inputs, self.outputs, self.propertyOutputs, self.checkProperties,
self.propertyMap) || this;\n                    return _this;\n                }\n                MyClass = __decorate([\n
                    core.Directive(__assign({ jit: true }, directive)),\n                    __param(0, core.Inject($SCOPE)),\n
                    __metadata({"design:paramtypes": [Object, core.Injector, core.ElementRef]})\n                ], MyClass);\n
                return MyClass;\n            })(UpgradeNg1ComponentAdapter);\n            this.type = MyClass;\n        }\n
        UpgradeNg1ComponentAdapterBuilder.prototype.extractBindings = function () {\n            var _this = this;\n
            var btcIsObject = typeof this.directive.bindToController === 'object';\n            if (btcIsObject &&
Object.keys(this.directive.scope).length) {\n                throw new Error("Binding definitions on scope and controller
at the same time are not supported.");\n            }\n            var context = (btcIsObject) ?
this.directive.bindToController : this.directive.scope;\n            if (typeof context === 'object') {\n

```

```

Object.keys(context).forEach(function (propName) {\n
    var definition = context[propName];\n
    var bindingType = definition.charAt(0);\n
    var bindingOptions = definition.charAt(1);\n
    var\n
    attrName = definition.substring(bindingOptions === '?' ? 2 : 1) || propName;\n
    // QUESTION: What\n
    about `=*`? Ignore? Throw? Support?\n
    var inputName = "input_" + attrName;\n
    var\n
    inputNameRename = inputName + `:` + attrName;\n
    var outputName = "output_" + attrName;\n
    var\n
    outputNameRename = outputName + `:` + attrName;\n
    var outputNameRenameChange =\n
    outputNameRename + "Change";\n
    switch (bindingType) {\n
    case '@':\n
    case '<':\n
        _this.inputs.push(inputName);\n
        _this.inputsRename.push(inputNameRename);\n
        break;\n
    case '=':\n
        _this.inputs.push(inputName);\n
        _this.inputsRename.push(inputNameRename);\n
        _this.outputs.push(outputName);\n
        _this.outputsRename.push(outputNameRenameChange);\n
    propName;\n
        _this.checkProperties.push(propName);\n
        _this.propertyOutputs.push(outputName);\n
        break;\n
    case '&':\n
        _this.outputs.push(outputName);\n
        _this.outputsRename.push(outputNameRename);\n
        _this.propertyMap[outputName] = propName;\n
        break;\n
    default:\n
        var json = JSON.stringify(context);\n
        throw new Error("Unexpected mapping " + bindingType +\n
        "\" in \"" + json + "\" in \"" + _this.name + "\" directive.");\n
    });\n
    });\n
    });\n
    /**\n
    * Upgrade ng1 components into Angular.\n
    */\n
    UpgradeNg1ComponentAdapterBuilder.resolve\n
    = function (exportedComponents, $injector) {\n
    var promises =\n
    Object.keys(exportedComponents).map(function (name) {\n
    var exportedComponent =\n
    exportedComponents[name];\n
    exportedComponent.directive = UpgradeHelper.getDirective($injector,\n
    name);\n
    exportedComponent.extractBindings();\n
    return Promise\n
    .resolve(UpgradeHelper.getTemplate($injector, exportedComponent.directive, true))\n
    .then(function\n
    (template) { return exportedComponent.template = template; });\n
    });\n
    return\n
    Promise.all(promises);\n
    });\n
    return UpgradeNg1ComponentAdapterBuilder;\n
    }());\n
    var\n
    UpgradeNg1ComponentAdapter = /** @class */ (function () {\n
    function\n
    UpgradeNg1ComponentAdapter(helper, scope, template, inputs, outputs, propOuts, checkProperties, propertyMap)\n
    {\n
    this.helper = helper;\n
    this.template = template;\n
    this.inputs = inputs;\n
    this.outputs\n
    = outputs;\n
    this.propOuts = propOuts;\n
    this.checkProperties = checkProperties;\n
    this.propertyMap = propertyMap;\n
    this.controllerInstance = null;\n
    this.destinationObj = null;\n
    this.checkLastValues = [];\n
    this.$element = null;\n
    this.directive = helper.directive;\n
    this.element = helper.element;\n
    this.$element = helper.$element;\n
    this.componentScope =\n
    scope.$new(!this.directive.scope);\n
    var controllerType = this.directive.controller;\n
    if\n
    (this.directive.bindToController && controllerType) {\n
    this.controllerInstance =\n
    this.helper.buildController(controllerType, this.componentScope);\n
    this.destinationObj =\n
    this.controllerInstance;\n
    } else {\n
    this.destinationObj = this.componentScope;\n
    }\n
    for (var i = 0; i < inputs.length; i++) {\n
    this[inputs[i]] = null;\n
    } for (var j = 0; j\n
    < outputs.length; j++) {\n
    var emitter = this[outputs[j]] = new core.EventEmitter();\n
    if\n
    (this.propOuts.indexOf(outputs[j]) === -1) {\n
    this.setComponentProperty(outputs[j], (function (emitter)\n
    { return function (value) { return emitter.emit(value); } })(emitter));\n
    } for (var k = 0;\n
    k < propOuts.length; k++) {\n
    this.checkLastValues.push(INITIAL_VALUE$1);\n
    } }\n
    UpgradeNg1ComponentAdapter.prototype.ngOnInit = function () {\n
    // Collect contents, insert and compile\n
    template\n
    var attachChildNodes = this.helper.prepareTransclusion();\n
    var linkFn =\n
    this.helper.compileTemplate(this.template);\n
    // Instantiate controller (if not already done so)\n
    var\n
    controllerType = this.directive.controller;\n
    var bindToController = this.directive.bindToController;\n
    if (controllerType && !bindToController) {\n
    this.controllerInstance =

```



```

this.helper.buildController(controllerType, this.componentScope);\n        }\n        // Require other controllers\n        var requiredControllers = this.helper.resolveAndBindRequiredControllers(this.controllerInstance);\n        //\n        Hook: $onInit\n        if (this.controllerInstance && isFunction(this.controllerInstance.$onInit)) {\n        this.controllerInstance.$onInit();\n        }\n        // Linking\n        var link = this.directive.link;\n        var\n        preLink = typeof link === 'object' && link.pre;\n        var postLink = typeof link === 'object' ? link.post : link;\n        var attrs = NOT_SUPPORTED;\n        var transcludeFn = NOT_SUPPORTED;\n        if (preLink) {\n        preLink(this.componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n        }\n        linkFn(this.componentScope, null, { parentBoundTranscludeFn: attachChildNodes });\n        if (postLink) {\n        postLink(this.componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n        }\n        //\n        Hook: $postLink\n        if (this.controllerInstance && isFunction(this.controllerInstance.$postLink)) {\n        this.controllerInstance.$postLink();\n        }\n        };\n\nUpgradeNg1ComponentAdapter.prototype.ngOnChanges = function (changes) {\n        var _this = this;\n        var ng1Changes = {};\n        Object.keys(changes).forEach(function (name) {\n        var change =\n        changes[name];\n        _this.setComponentProperty(name, change.currentValue);\n        ng1Changes[_this.propertyMap[name]] = change;\n        });\n        if\n        (isFunction(this.destinationObj.$onChanges)) {\n        this.destinationObj.$onChanges(ng1Changes);\n        }\n        };\n        UpgradeNg1ComponentAdapter.prototype.ngDoCheck = function () {\n        var _this = this;\n        var destinationObj = this.destinationObj;\n        var lastValues = this.checkLastValues;\n        var\n        checkProperties = this.checkProperties;\n        var propOuts = this.propOuts;\n        checkProperties.forEach(function (propName, i) {\n        var value = destinationObj[propName];\n        var\n        last = lastValues[i];\n        if (!strictEquals(last, value)) {\n        var eventEmitter = _this[propOuts[i];\n        eventEmitter.emit(lastValues[i] = value);\n        }\n        });\n        if (this.controllerInstance &&\n        isFunction(this.controllerInstance.$doCheck)) {\n        this.controllerInstance.$doCheck();\n        }\n        };\n\n        UpgradeNg1ComponentAdapter.prototype.ngOnDestroy = function () {\n        this.helper.onDestroy(this.componentScope, this.controllerInstance); }\n\nUpgradeNg1ComponentAdapter.prototype.setComponentProperty = function (name, value) {\n        this.destinationObj[this.propertyMap[name]] = value;\n        };\n        return UpgradeNg1ComponentAdapter;\n    }());\n\n    /**\n     * @license\n     * Copyright Google Inc. All Rights Reserved.\n     *\n     * Use of this source\n     * code is governed by an MIT-style license that can be\n     * found in the LICENSE file at https://angular.io/license\n     *\n     * var upgradeCount = 0;\n     * /**\n     * * Use `UpgradeAdapter` to allow AngularJS and Angular to coexist in a\n     * single application.\n     * *\n     * * The `UpgradeAdapter` allows:\n     * * 1. creation of Angular component from\n     * AngularJS component directive\n     * * (See [UpgradeAdapter#upgradeNg1Component()])\n     * * 2. creation of\n     * AngularJS directive from Angular component.\n     * * (See [UpgradeAdapter#downgradeNg2Component()])\n     * *\n     * 3. Bootstrapping of a hybrid Angular application which contains both of the frameworks\n     * coexisting in a\n     * single application.\n     * *\n     * * @usageNotes\n     * *### Mental Model\n     * *\n     * * When reasoning about how a\n     * hybrid application works it is useful to have a mental model which\n     * describes what is happening and explains\n     * what is happening at the lowest level.\n     * *\n     * * 1. There are two independent frameworks running in a single\n     * application, each framework treats\n     * the other as a black box.\n     * * 2. Each DOM element on the page is\n     * owned exactly by one framework. Whichever framework\n     * instantiated the element is the owner. Each\n     * framework only updates/interacts with its own\n     * DOM elements and ignores others.\n     * * 3. AngularJS\n     * directives always execute inside AngularJS framework codebase regardless of\n     * where they are instantiated.\n     * *\n     * * 4. Angular components always execute inside Angular framework codebase regardless of\n     * where they are\n     * instantiated.\n     * * 5. An AngularJS component can be upgraded to an Angular component. This creates an\n     * Angular\n     * directive, which bootstraps the AngularJS component directive in that location.\n     * * 6. An Angular\n     * component can be downgraded to an AngularJS component directive. This creates\n     * an AngularJS directive,\n     * which bootstraps the Angular component in that location.\n     * * 7. Whenever an adapter component is instantiated\n     * the host element is owned by the framework\n     * doing the instantiation. The other framework then instantiates\n     * and owns the view for that\n     * component. This implies that component bindings will always follow the

```

semantics of the instantiation framework. The syntax is always that of Angular syntax.

8. AngularJS is always bootstrapped first and owns the bottom most view.

9. The new application is running in Angular zone, and therefore it no longer needs calls to `$apply()`.

```

### Example
const adapter = new UpgradeAdapter(forwardRef(() => MyNg2Module), myCompilerOptions);
const module = angular.module('myExample', []);
module.directive('ng2Comp',
  adapter.downgradeNg2Component(Ng2Component));
module.directive('ng1Hello', function() {
  return {
    scope: { title: '=' },
    template: 'ng1[Hello {{title}}](<span ng-transclude></span>)'
  };
});
@Component({
  selector: 'ng2-comp',
  inputs: ['name'],
  template: 'ng2[<ng1-hello [title]='name">transclude</ng1-hello>(<ng-content></ng-content>)',
  directives: []
})
class Ng2Component {
  @NgModule({
    declarations: [Ng2Component, adapter.upgradeNg1Component('ng1Hello')],
    imports: [BrowserModule]
  })
  class MyNg2Module {
    document.body.innerHTML = '<ng2-comp name="World">project</ng2-comp>';
    adapter.bootstrap(document.body, ['myExample']).ready(function() {
      expect(document.body.textContent).toEqual('ng2[ng1[Hello World!](transclude)](project)');
    });
  }
}
@deprecated Deprecated since v5. Use `upgrade/static` instead, which also supports [Ahead-of-Time compilation](guide/aot-compiler).
@publicApi
var UpgradeAdapter = /** @class */ (function () {
  function UpgradeAdapter(ng2AppModule, compilerOptions) {
    this.ng2AppModule = ng2AppModule;
    this.compilerOptions = compilerOptions;
    this.idPrefix = `NG2_UPGRADE_${upgradeCount++}_${_}`;
    this.downgradedComponents = [];
    /** An internal map of ng1 components which need to up upgraded to ng2.
     * We can't upgrade until injector is instantiated and we can retrieve the component metadata.
     * For this reason we keep a list of components to upgrade until ng1 injector is bootstrapped.
     */
    @internal
    this.ng1ComponentsToBeUpgraded = {};
    this.upgradedProviders = [];
    this.moduleRef = null;
    if (!ng2AppModule) {
      throw new Error('UpgradeAdapter cannot be instantiated without an NgModule of the Angular app.');
```

Use `UpgradeAdapter` to create an AngularJS Directive Definition Factory from an Angular Component. The adapter will bootstrap Angular component from within the AngularJS template.

Usage Notes

Mental Model

- The component is instantiated by being listed in AngularJS template. This means that the host element is controlled by AngularJS, but the component's view will be controlled by Angular.
- Even though the component is instantiated in AngularJS, it will be using Angular syntax. This has to be done, this way because we must follow Angular components do not declare how the attributes should be interpreted.
- `ng-model` is controlled by AngularJS and communicates with the downgraded Angular component by way of the `ControlValueAccessor` interface from `@angular/forms`. Only components that implement this interface are eligible.

Supported Features

- Bindings:
- Attribute: `<comp name="World">`
- Interpolation: `<comp greeting="Hello {{name}}!">`
- Expression: `<comp [name]="username">`
- Event: `<comp (close)="doSomething()">`
- ng-model: `<comp ng-model="name">`
- Content projection: yes

```

### Example
const adapter = new UpgradeAdapter(forwardRef(() => MyNg2Module));
const module = angular.module('myExample', []);
module.directive('greet', adapter.downgradeNg2Component(Greeter));
@Component({
  selector: 'greet',
  template: '{{salutation}} {{name}}! - <ng-content></ng-content>'
})
class Greeter {
  @Input() salutation: string;
  @Input() name: string;
}
@NgModule({
  declarations: [Greeter],
  imports: [BrowserModule]
})
class MyNg2Module {
  document.body.innerHTML = `ng1 template: <greet salutation="Hello" [name]="world">text</greet>`;
  adapter.bootstrap(document.body, ['myExample']).ready(function() {
    expect(document.body.textContent).toEqual('ng1 template: Hello

```

```

world! - text\");\n      * });\n      * ```\n      *\n      UpgradeAdapter.prototype.downgradeNg2Component =
function (component) {\n      this.downgradedComponents.push(component);\n      return
downgradeComponent({ component: component });\n      };\n      /**\n      * Allows AngularJS Component to
be used from Angular.\n      *\n      * Use `upgradeNg1Component` to create an Angular component from
AngularJS Component\n      * directive. The adapter will bootstrap AngularJS component from within the
Angular\n      * template.\n      *\n      * @usageNotes\n      * ### Mental Model\n      *\n      * 1. The
component is instantiated by being listed in Angular template. This means that the\n      * host element is
controlled by Angular, but the component's view will be controlled by\n      * AngularJS.\n      *\n      * ###
Supported Features\n      *\n      * - Bindings:\n      * - Attribute: `

```

```

* @returns an `UpgradeAdapterRef`, which lets you register a `ready()` callback to
* run assertions once the
Angular components are ready to test through AngularJS.
UpgradeAdapter.prototype.registerForNg1Tests = function (modules) {
  var _this = this;
  var windowNgMock = window['angular'].mock;
  if (!windowNgMock || !windowNgMock.module) {
    throw new Error('Failed to find `angular.mock.module`');
  }
  this.declareNg1Module(modules);
  windowNgMock.module(this.ng1Module.name);
  var upgrade = new UpgradeAdapterRef();
  this.ng2BootstrapDeferred.promise.then(function (ng1Injector) {
    upgrade._bootstrapDone(_this.moduleRef, ng1Injector);
  }, onError);
  return upgrade;
};
/**
 * Bootstrap a hybrid AngularJS /
Angular application.
 * This `bootstrap` method is a direct replacement (takes same arguments) for
AngularJS
 * [bootstrap](https://docs.angularjs.org/api/ng/function/angular.bootstrap) method. Unlike
AngularJS, this bootstrap is asynchronous.
 * @usageNotes
 * ### Example
 *
 * ```
 * const adapter = new UpgradeAdapter(MyNg2Module);
 * const module =
angular.module('myExample', []);
 * module.directive('ng2', adapter.downgradeNg2Component(Ng2));
 * module.directive('ng1', function() {
 *   return {
 *     scope: { title: '=' },
 *     template: 'ng1[Hello {{ title }}](<span ng-transclude></span>)'
 *   };
 * });
 * @Component({
 *   selector: 'ng2',
 *   inputs: ['name'],
 *   template: 'ng2[<ng1
[title]="name">transclude</ng1>]<ng-content></ng-content>'
 * })
 * class Ng2 {
 * }
 * @NgModule({
 *   declarations: [Ng2, adapter.upgradeNg1Component('ng1')],
 *   imports:
[BrowserModule]
 * })
 * class MyNg2Module {}
 * document.body.innerHTML =
'<ng2 name="World">project</ng2>';
 * adapter.bootstrap(document.body,
[myExample]).ready(function() {
 *   expect(document.body.textContent).toEqual('ng2[ng1[Hello World!](transclude)](project)');
 * });
 * ```
UpgradeAdapter.prototype.bootstrap = function (element$1, modules, config) {
  var _this = this;
  this.declareNg1Module(modules);
  var upgrade = new UpgradeAdapterRef();
  // Make sure
resumeBootstrap() only exists if the current bootstrap is deferred
  var windowAngular = window /** TODO
#??? */['angular'];
  windowAngular.resumeBootstrap = undefined;
  this.ngZone.run(function () {
    bootstrap(element$1, [_this.ng1Module.name], config);
  });
  var ng1BootstrapPromise = new
Promise(function (resolve) {
    if (windowAngular.resumeBootstrap) {
      var
originalResumeBootstrap_1 = windowAngular.resumeBootstrap;
      windowAngular.resumeBootstrap =
function () {
        windowAngular.resumeBootstrap = originalResumeBootstrap_1;
        var r
= windowAngular.resumeBootstrap.apply(this, arguments);
        resolve();
        return r;
      };
    } else {
      resolve();
    }
  });
  Promise.all([this.ng2BootstrapDeferred.promise, ng1BootstrapPromise]).then(function (_a) {
    var _b =
__read(_a, 1), ng1Injector = _b[0];
    element(element$1).data(controllerKey(INJECTOR_KEY),
_this.moduleRef.injector);
    _this.moduleRef.injector.get(core.NgZone).run(function () {
      upgrade._bootstrapDone(_this.moduleRef, ng1Injector);
    }, onError);
    return upgrade;
  });
  /**
 * Allows AngularJS service to be accessible from Angular.
 * @usageNotes
 *
 * ### Example
 *
 * ```
 * class Login { ... }
 * class Server { ... }
 * @Injectable()
 * class Example {
 *   constructor(@Inject('server') server, login: Login) {
 * ...
 *   }
 * }
 * const module = angular.module('myExample', []);
 * module.service('server', Server);
 * module.service('login', Login);
 * const adapter = new
UpgradeAdapter(MyNg2Module);
 * adapter.upgradeNg1Provider('server');
 * adapter.upgradeNg1Provider('login', {asToken: Login});
 * adapter.bootstrap(document.body,
[myExample]).ready((ref) => {
 *   const example: Example = ref.ng2Injector.get(Example);
 * });
 *
 * ```
UpgradeAdapter.prototype.upgradeNg1Provider = function (name, options) {
  var token = options && options.asToken || name;
  this.upgradedProviders.push({
    provide:
token,
    useFactory: function ($injector) {
      return $injector.get(name);
    },
    deps: [$INJECTOR]
  });
  /**
 * Allows Angular service to be accessible from AngularJS.

```

```

@usageNotes\n      * ### Example\n      *\n      * ```\n      * class Example {\n      * }\n      *\n      const adapter = new UpgradeAdapter(MyNg2Module);\n      *\n      * const module =\n      angular.module('myExample', []);\n      *\n      * module.factory('example', adapter.downgradeNg2Provider(Example));\n      *\n      * adapter.bootstrap(document.body, ['myExample']).ready((ref) => {\n      *\n      * const example: Example\n      = ref.ng1Injector.get('example');\n      *\n      * });\n      *\n      * ```\n      *\n      UpgradeAdapter.prototype.downgradeNg2Provider = function (token) { return downgradeInjectable(token); }; \n      /*\n      *\n      * Declare the AngularJS upgrade module for this adapter without bootstrapping the whole\n      *\n      * hybrid\n      application.\n      *\n      * This method is automatically called by `bootstrap()` and `registerForNg1Tests()`.\n      *\n      * @param modules The AngularJS modules that this upgrade module should depend upon.\n      *\n      * @returns The AngularJS upgrade module that is declared by this method\n      *\n      * @usageNotes\n      *\n      * ### Example\n      *\n      * ```\n      * const upgradeAdapter = new UpgradeAdapter(MyNg2Module);\n      *\n      * upgradeAdapter.declareNg1Module(['heroApp']);\n      *\n      * ```\n      *\n      UpgradeAdapter.prototype.declareNg1Module = function (modules) {\n      var _this = this;\n      if (modules\n      === void 0) { modules = []; }\n      var delayApplyExps = [];\n      var original$applyFn;\n      var\n      rootScopePrototype;\n      var rootScope;\n      var upgradeAdapter = this;\n      var ng1Module =\n      this.ng1Module = module_(this.idPrefix, modules);\n      var platformRef =\n      platformBrowserDynamic.platformBrowserDynamic();\n      this.ngZone = new core.NgZone({\n      enableLongStackTrace: Zone.hasOwnProperty('longStackTraceZoneSpec') });\n      this.ng2BootstrapDeferred =\n      new Deferred();\n      ng1Module.constant(UPGRADE_APP_TYPE_KEY, 1 /* Dynamic */)\n      .factory(INJECTOR_KEY, function () { return _this.moduleRef.injector.get(core.Injector); })\n      .factory(LAZY_MODULE_REF, [INJECTOR_KEY, function (injector) { return ({ injector: injector }); }])\n      .constant(NG_ZONE_KEY, this.ngZone)\n      .factory(COMPILER_KEY, function () { return\n      _this.moduleRef.injector.get(core.Compiler); })\n      .config([\n      '$provide', '$injector',\n      function (provide, ng1Injector) {\n      provide.decorator($ROOT_SCOPE, [\n      '$delegate',\n      function (rootScopeDelegate) {\n      // Capture the root apply so that we can delay first\n      call to $apply until we\n      // bootstrap Angular and then we replay and restore the $apply.\n      rootScopePrototype = rootScopeDelegate.constructor.prototype;\n      if\n      (rootScopePrototype.hasOwnProperty('$apply')) {\n      original$applyFn =\n      rootScopePrototype.$apply;\n      rootScopePrototype.$apply = function (exp) { return\n      delayApplyExps.push(exp); }; }\n      else {\n      throw new\n      Error('Failed to find `'$apply`' on `'$rootScope`');\n      }\n      return rootScope =\n      rootScopeDelegate;\n      }\n      ]);\n      if (ng1Injector.has($$TESTABILITY)) {\n      provide.decorator($$TESTABILITY, [\n      '$delegate',\n      function\n      (testabilityDelegate) {\n      var originalWhenStable = testabilityDelegate.whenStable;\n      // Cannot use arrow function below because we need the context\n      var newWhenStable =\n      function (callback) {\n      originalWhenStable.call(this, function () {\n      var ng2Testability = upgradeAdapter.moduleRef.injector.get(core.Testability);\n      if\n      (ng2Testability.isStable()) {\n      callback.apply(this, arguments);\n      }\n      else {\n      ng2Testability.whenStable(newWhenStable.bind(this, callback));\n      }\n      });\n      }\n      testabilityDelegate.whenStable = newWhenStable;\n      return testabilityDelegate;\n      }\n      ]);\n      }\n      ]);\n      }\n      ];\n      }\n      ng1Module.run([\n      '$injector', '$rootScope',\n      function (ng1Injector, rootScope) {\n      UpgradeNg1ComponentAdapterBuilder.resolve(_this.ng1ComponentsToBeUpgraded, ng1Injector)\n      .then(function () {\n      // Note: There is a bug in TS 2.4 that prevents us from\n      // inlining\n      this into @NgModule\n      // TODO(tbosch): find or file a bug against TypeScript for this.\n      var ngModule = {\n      providers: [\n      { provide: $INJECTOR, useFactory:\n      function () { return ng1Injector; } },\n      { provide: $COMPILE, useFactory: function () { return

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ng1Injector.get($COMPILE); } },\n                _this.upgradedProviders\n                ],\n        imports: [core.resolveForwardRef(_this.ng2AppModule)],\n                entryComponents:\n        _this.downgradedComponents\n                };\n                // At this point we have ng1 injector and we have\n        prepared\n                // ng1 components to be upgraded, we now can bootstrap ng2.\n                var\n        DynamicNgUpgradeModule = /** @class */ (function () {\n                function\n        DynamicNgUpgradeModule() {\n                }\n        DynamicNgUpgradeModule.prototype.ngDoBootstrap = function () { };\n        DynamicNgUpgradeModule = __decorate([\n                core.NgModule(__assign({ jit: true },\n        ngModule)),\n                __metadata({"design:paramtypes", []})\n                ],\n        DynamicNgUpgradeModule);\n                return DynamicNgUpgradeModule;\n                }());\n        platformRef\n                .bootstrapModule(DynamicNgUpgradeModule, [_this.compilerOptions, {\n        ngZone: _this.ngZone }])\n                .then(function (ref) {\n                _this.moduleRef = ref;\n                _this.ngZone.run(function () {\n                if (rootScopePrototype) {\n        rootScopePrototype.$apply = original$applyFn; // restore original $apply\n                while\n        (delayApplyExps.length) {\n                rootScope.$apply(delayApplyExps.shift());\n                }\n                rootScopePrototype = null;\n                }\n                });\n                })\n                .then(function () { return _this.ng2BootstrapDeferred.resolve(ng1Injector); }, onError)\n                .then(function () {\n                var subscription = _this.ngZone.onMicrotaskEmpty.subscribe({\n                next: function () {\n                if (rootScope.$$phase) {\n                if\n        (core.isDevMode()) {\n                console.warn('A digest was triggered while one was already in\n        progress. This may mean that something is triggering digests outside the Angular zone.);\n                }\n                return rootScope.$evalAsync(function () { });\n                }\n                }\n                });\n                return rootScope.$digest();\n                }\n                });\n        rootScope.$on('$destroy', function () { subscription.unsubscribe(); });\n                });\n                .catch(function (e) { return _this.ng2BootstrapDeferred.reject(e); });\n                });\n                return\n        ng1Module;\n                }; return UpgradeAdapter;\n                }());\n                /**\n                * Synchronous promise-like object to wrap\n        parent injectors,\n                * to preserve the synchronous nature of AngularJS's $compile.\n                *\n                * var\n        ParentInjectorPromise$1 = /** @class */ (function () {\n                function ParentInjectorPromise(element) {\n        this.element = element;\n                this.callbacks = [];\n                // store the promise on the element\n        element.data(controllerKey(INJECTOR_KEY), this);\n                }\n        ParentInjectorPromise.prototype.then =\n        function (callback) {\n                if (this.injector) {\n                callback(this.injector);\n                }\n                else {\n                this.callbacks.push(callback);\n                }\n                };\n        ParentInjectorPromise.prototype.resolve = function\n        (injector) {\n                this.injector = injector;\n                // reset the element data to point to the real injector\n        this.element.data(controllerKey(INJECTOR_KEY), injector);\n                // clean out the element to prevent memory\n        leaks\n                this.element = null;\n                // run all the queued callbacks\n                this.callbacks.forEach(function\n        (callback) { return callback(injector); });\n                this.callbacks.length = 0;\n                }\n                return\n        ParentInjectorPromise;\n                }());\n                /**\n                * Use `UpgradeAdapterRef` to control a hybrid AngularJS / Angular\n        application.\n                *\n                * @deprecated Deprecated since v5. Use `upgrade/static` instead, which also supports\n                * [Ahead-of-Time compilation](guide/aot-compiler).\n                * @publicApi\n                *\n                * var UpgradeAdapterRef = /**\n        @class */ (function () {\n                function UpgradeAdapterRef() {\n                /* @internal */\n                this._readyFn =\n        null;\n                this.ng1RootScope = null;\n                this.ng1Injector = null;\n                this.ng2ModuleRef = null;\n                this.ng2Injector = null;\n                }\n                /* @internal */\n        UpgradeAdapterRef.prototype._bootstrapDone =\n        function (ngModuleRef, ng1Injector) {\n                this.ng2ModuleRef = ngModuleRef;\n                this.ng2Injector =\n        ngModuleRef.injector;\n                this.ng1Injector = ng1Injector;\n                this.ng1RootScope =\n        ng1Injector.get($ROOT_SCOPE);\n                this._readyFn && this._readyFn(this);\n                };\n                /**\n                * Register a callback function which is notified upon successful hybrid AngularJS / Angular\n                * application has\n        been bootstrapped.\n                *\n                * The `ready` callback function is invoked inside the Angular zone, therefore it\n        does not\n                * require a call to `$apply()`.\n                *\n                * UpgradeAdapterRef.prototype.ready = function (fn) {

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this._readyFn = fn; };
/**
 * Dispose of running hybrid AngularJS / Angular application.
 */
UpgradeAdapterRef.prototype.dispose = function () {
  this.ng1Injector.get($ROOT_SCOPE).$destroy();
  this.ng2ModuleRef.destroy();
};
return UpgradeAdapterRef;
})();
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style
 * license that can be found in the LICENSE file at https://angular.io/license
 */
// This file only re-exports content of the `src` folder. Keep it that way.
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be
 * found in the LICENSE file at https://angular.io/license
 */
/**
 * Generated bundle index. Do not edit.
 */
exports.UpgradeAdapter = UpgradeAdapter;
exports.UpgradeAdapterRef = UpgradeAdapterRef;
exports.VERSION = VERSION;
Object.defineProperty(exports, '__esModule', { value: true });
sourceMappingURL=upgrade.umd.js.map

```

Found in path(s):

```

*/opt/ws_local/PERMITS_SQL/1047774535_1591199783.98/0/angular-upgrade-9-0-7-src-
zip/bundles/upgrade.umd.min.js.map

```

No license file was found, but licenses were detected in source scan.

```

{"version":3,"file":"upgrade-
static.umd.js","sources":["../../../../packages/upgrade/src/common/src/angular1.ts","../../../../external/npm/nod
e_modules/tslib/tslib.es6.js","../../../../packages/upgrade/src/common/src/constants.ts","../../../../packages/
upgrade/src/common/src/component_info.ts","../../../../packages/upgrade/src/common/src/util.ts","../../../../
/packages/upgrade/src/common/src/downgrade_component_adapter.ts","../../../../packages/upgrade/src/commo
n/src/promise_util.ts","../../../../packages/upgrade/src/common/src/downgrade_component.ts","../../../../pa
ckages/upgrade/src/common/src/downgrade_injectable.ts","../../../../packages/upgrade/src/common/src/version.
ts","../../../../packages/upgrade/static/src/angular1_providers.ts","../../../../packages/upgrade/static/src/util.ts","
../../../../packages/upgrade/static/src/downgrade_module.ts","../../../../packages/upgrade/src/common/src/up
grade_helper.ts","../../../../packages/upgrade/static/src/upgrade_component.ts","../../../../packages/upgrade/stat
ic/src/upgrade_module.ts","../../../../packages/upgrade/static/public_api.ts","../../../../packages/upgrade/static/i
ndex.ts","../../../../packages/upgrade/static/static.ts"],"sourcesContent":["/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be
 * found in the LICENSE file at https://angular.io/license
 */
export type Ng1Token = string;
export type Ng1Expression = string | Function;
export interface IAnnotatedFunction extends Function {
  // Older versions of `@types/angular` typings extend the global `Function` interface with
  // `$inject?: string[]`, which is not compatible with `$inject?: ReadonlyArray<string>` (used in
  // latest versions).
  $inject?: Function extends {$inject?: string[]}? Ng1Token[]: ReadonlyArray<Ng1Token>;
}
export type IInjectable = (Ng1Token | Function)[] | IAnnotatedFunction;
export type SingleOrListOrMap<T> = T | T[] | {[key: string]: T};
export interface IModule {
  name: string;
  requires: (string | IInjectable)[];
  config(fn: IInjectable): IModule;
  directive(selector: string, factory: IInjectable): IModule;
  component(selector: string, component: IComponent): IModule;
  controller(name: string, type: IInjectable): IModule;
  factory(key: Ng1Token, factoryFn: IInjectable): IModule;
  value(key: Ng1Token, value: any): IModule;
  constant(token: Ng1Token, value: any): IModule;
  run(a: IInjectable): IModule;
}
export interface ICompileService {
  (element: Element | NodeList | Node[])string, transclude?: Function): ILinkFn;
}
export interface ILinkFn {
  (scope: IScope, cloneAttachFn?: ICloneAttachFunction, options?: ILinkFnOptions): IAugmentedJQuery;
  $$slots?: {[slotName: string]: ILinkFn};
}
export interface ILinkFnOptions {
  parentBoundTranscludeFn?: Function;
  transcludeControllers?: {[key: string]: any};
  futureParentElement?: Node;
}
export interface IRootScopeService {
  $new(isolate?: boolean): IScope;
  $id: string;
  $parent: IScope;
  $root: IScope;
  $watch(exp: Ng1Expression, fn?: (a1?: any, a2?: any) => void): Function;
  $on(event: string, fn?: (event?: any, ...args: any[]) => void): Function;
  $destroy(): any;
  $apply(exp?: Ng1Expression): any;
  $digest(): any;

```

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SevalAsync(exp: Ng1Expression, locals?: any): void;\n $on(event: string, fn?: (event?: any, ...args: any[]) => void):
Function;\n $$childTail: IScope;\n $$childHead: IScope;\n $$nextSibling: IScope;\n [key: string]: any;\n}\n\nexport
interface IScope extends IRootScopeService {\n}\n\nexport interface IAngularBootstrapConfig { strictDi?: boolean;
}\n\nexport interface IDirective {\n compile?: IDirectiveCompileFn;\n controller?: IController;\n controllerAs?:
string;\n bindToController?: boolean|{[key: string]: string};\n link?: IDirectiveLinkFn|IDirectivePrePost;\n name?:
string;\n priority?: number;\n replace?: boolean;\n require?: DirectiveRequireProperty;\n restrict?: string;\n
scope?: boolean|{[key: string]: string};\n template?: string|Function;\n templateUrl?: string|Function;\n
templateNamespace?: string;\n terminal?: boolean;\n transclude?: DirectiveTranscludeProperty;\n}\n\nexport type
DirectiveRequireProperty = SingleOrListOrMap<string>;\n\nexport type DirectiveTranscludeProperty = boolean |
'element' | {[key: string]: string};\n\nexport interface IDirectiveCompileFn {\n (templateElement:
IAugmentedJQuery, templateAttributes: IAttributes,\n transclude: ITranscludeFunction):
IDirectivePrePost;\n}\n\nexport interface IDirectivePrePost {\n pre?: IDirectiveLinkFn;\n post?:
IDirectiveLinkFn;\n}\n\nexport interface IDirectiveLinkFn {\n (scope: IScope, instanceElement: IAugmentedJQuery,
instanceAttributes: IAttributes,\n controller: any, transclude: ITranscludeFunction): void;\n}\n\nexport interface
IComponent {\n bindings?: {[key: string]: string};\n controller?: string|IInjectable;\n controllerAs?: string;\n
require?: DirectiveRequireProperty;\n template?: string|Function;\n templateUrl?: string|Function;\n transclude?:
DirectiveTranscludeProperty;\n}\n\nexport interface IAttributes {\n $observe(attr: string, fn: (v: string) => void):
void;\n [key: string]: any;\n}\n\nexport interface ITranscludeFunction {\n // If the scope is provided, then the
cloneAttachFn must be as well.\n (scope: IScope, cloneAttachFn: ICloneAttachFunction): IAugmentedJQuery;\n //
If one argument is provided, then it's assumed to be the cloneAttachFn.\n (cloneAttachFn?: ICloneAttachFunction):
IAugmentedJQuery;\n}\n\nexport interface ICloneAttachFunction { (clonedElement: IAugmentedJQuery, scope:
IScope): any; }\n\nexport type IAugmentedJQuery = Node[] & {\n on?: (name: string, fn: () => void) => void;\n
data?: (name: string, value?: any) => any;\n text?: () => string;\n inheritedData?: (name: string, value?: any) =>
any;\n contents?: () => IAugmentedJQuery;\n parent?: () => IAugmentedJQuery;\n empty?: () => void;\n
append?: (content: IAugmentedJQuery | string) => IAugmentedJQuery;\n controller?: (name: string) => any;\n
isolateScope?: () => IScope;\n injector?: () => IInjectorService;\n triggerHandler?: (eventTypeOrObject: string |
Event, extraParameters?: any[]) => IAugmentedJQuery;\n remove?: () => void;\n removeData?: () =>
void;\n};\n\nexport interface IProvider { $get: IInjectable; }\n\nexport interface IProvideService {\n provider(token:
Ng1Token, provider: IProvider): IProvider;\n factory(token: Ng1Token, factory: IInjectable): IProvider;\n
service(token: Ng1Token, type: IInjectable): IProvider;\n value(token: Ng1Token, value: any): IProvider;\n
constant(token: Ng1Token, value: any): void;\n decorator(token: Ng1Token, factory: IInjectable): void;\n}\n\nexport
interface IParseService { (expression: string): ICompiledExpression; }\n\nexport interface ICompiledExpression {\n
(context: any, locals: any): any;\n assign?: (context: any, value: any) => any;\n}\n\nexport interface
IHttpBackendService {\n (method: string, url: string, post?: any, callback?: Function, headers?: any, timeout?:
number,\n withCredentials?: boolean): void;\n}\n\nexport interface ICacheObject {\n put<T>(key: string, value?: T):
T;\n get(key: string): any;\n}\n\nexport interface ITemplateCacheService extends ICacheObject {\n}\n\nexport interface
ITemplateRequestService {\n (template: string|any /* TrustedResourceUrl */, ignoreRequestError?: boolean):
Promise<string>;\n totalPendingRequests: number;\n}\n\nexport type IController = string | IInjectable;\n\nexport
interface IControllerService {\n (controllerConstructor: IController, locals?: any, later?: any, ident?: any): any;\n
(controllerName: string, locals?: any): any;\n}\n\nexport interface IInjectorService {\n get(key: string): any;\n
has(key: string): boolean;\n}\n\nexport interface IIntervalService {\n (func: Function, delay: number, count?:
number, invokeApply?: boolean,\n ...args: any[]): Promise<any>;\n cancel(promise: Promise<any>):
boolean;\n}\n\nexport interface ITestabilityService {\n findBindings(element: Element, expression: string,
opt_exactMatch?: boolean): Element[];\n findModels(element: Element, expression: string, opt_exactMatch?:
boolean): Element[];\n getLocation(): string;\n setLocation(url: string): void;\n whenStable(callback: Function):
void;\n}\n\nexport interface INgModelController {\n $render(): void;\n $isEmpty(value: any): boolean;\n
$setValidity(validationErrorKey: string, isValid: boolean): void;\n $setPristine(): void;\n $setDirty(): void;\n
$setUntouched(): void;\n $setTouched(): void;\n $rollbackViewValue(): void;\n $validate(): void;\n

```



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$commitViewValue(): void;\n $setViewValue(value: any, trigger: string): void;\n\n $viewValue: any;\n
$modelValue: any;\n $parsers: Function[];\n $formatters: Function[];\n $validators: {[key: string]: Function};\n
$sasyncValidators: {[key: string]: Function};\n $viewChangeListeners: Function[];\n $error: Object;\n $pending:
Object;\n $untouched: boolean;\n $touched: boolean;\n $pristine: boolean;\n $dirty: boolean;\n $valid: boolean;\n
$invalid: boolean;\n $name: string;\n\nfunction noNg(): never {\n throw new Error('AngularJS v1.x is not
loaded!');\n}\n\nconst noNgElement: typeof angular.element = (( => noNg()) as any);\nnoNgElement.cleanData =
noNg;\n\nlet angular: {\n bootstrap: (e: Element, modules: (string | Injectable)[], config?:
IAngularBootstrapConfig) =>\n\n InjectorService,\n\n module: (prefix: string, dependencies?: string[]) =>
IModule,\n\n element: {\n (e: string | Element | Document | IAugmentedJQuery): IAugmentedJQuery;\n
cleanData: (nodes: Node[] | NodeList) => void;\n },\n\n injector: (modules: Array<string|Injectable>, strictDi?:
boolean) => IInjectorService,\n\n version: {major: number},\n\n resumeBootstrap: () => void,\n\n getTestability: (e:
Element) => ITestabilityService\n} = {\n bootstrap: noNg,\n\n module: noNg,\n\n element: noNgElement,\n\n injector:
noNg,\n\n version: undefined as any,\n\n resumeBootstrap: noNg,\n\n getTestability: noNg\n};\n\ntry {\n if
(window.hasOwnProperty('angular')) {\n angular = (<any>window).angular;\n }\n} catch {\n // ignore in CJS
mode.\n}\n\n/**\n * @deprecated Use `setAngularJSGlobal` instead.\n *\n * @publicApi\n */\n\nexport function
setAngularLib(ng: any): void {\n setAngularJSGlobal(ng);\n}\n\n/**\n * @deprecated Use `getAngularJSGlobal`
instead.\n *\n * @publicApi\n */\n\nexport function getAngularLib(): any {\n return
getAngularJSGlobal();\n}\n\n/**\n * Resets the AngularJS global.\n *\n * Used when AngularJS is loaded lazily,
and not available on `window`.\n *\n * @publicApi\n */\n\nexport function setAngularJSGlobal(ng: any): void {\n
angular = ng;\n}\n\n/**\n * Returns the current AngularJS global.\n *\n * @publicApi\n */\n\nexport function
getAngularJSGlobal(): any {\n return angular;\n}\n\nexport const bootstrap: typeof angular.bootstrap = (e, modules,
config?) =>\n\n angular.bootstrap(e, modules, config);\n\n// Do not declare as `module` to avoid webpack bug\n//
(see https://github.com/angular/angular/issues/30050).\n\nexport const module_: typeof angular.module = (prefix,
dependencies?) =>\n\n angular.module(prefix, dependencies);\n\nexport const element: typeof angular.element = (e
=> angular.element(e)) as typeof angular.element;\n\nexport const element.cleanData = nodes =>
angular.element.cleanData(nodes);\n\nexport const injector: typeof angular.injector = (modules:
Array<string|Injectable>, strictDi?: boolean) => angular.injector(modules, strictDi);\n\nexport const
resumeBootstrap: typeof angular.resumeBootstrap = () => angular.resumeBootstrap();\n\nexport const
getTestability: typeof angular.getTestability = e => angular.getTestability(e);\n\n", "/*!
*****\r\nCopyright (c)
Microsoft Corporation. All rights reserved.\r\nLicensed under the Apache License, Version 2.0 (the \"License\");
you may not use\r\nthis file except in compliance with the License. You may obtain a copy of the\r\nLicense at
http://www.apache.org/licenses/LICENSE-2.0\r\n\r\nTHIS CODE IS PROVIDED ON AN *AS IS* BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY\r\nKIND, EITHER EXPRESS OR IMPLIED,
INCLUDING WITHOUT LIMITATION ANY IMPLIED\r\nWARRANTIES OR CONDITIONS OF TITLE,
FITNESS FOR A PARTICULAR PURPOSE,\r\nMERCHANTABILITY OR NON-INFRINGEMENT.\r\n\r\nSee
the Apache Version 2.0 License for specific language governing permissions\r\nand limitations under the
License.\r\n*****\r\n*/\r\n\n/**\n * global Reflect, Promise\n */\r\n\nvar extendStatics = function(d, b) {\r\n\n extendStatics = Object.setPrototypeOf
||\r\n\n ({ __proto__: [] } instanceof Array && function (d, b) { d.__proto__ = b; }) ||\r\n\n function (d, b) { for
(var p in b) if (b.hasOwnProperty(p)) d[p] = b[p]; }; \r\n\n return extendStatics(d, b);\r\n};\r\n\nexport function
__extends(d, b) {\r\n\n extendStatics(d, b);\r\n\n function __() { this.constructor = d; }\r\n\n d.prototype = b === null
? Object.create(b) : (__proto__ = b.prototype, new __());\r\n}\r\n\nexport var __assign = function() {\r\n\n
__assign = Object.assign || function __assign(t) {\r\n\n for (var s, i = 1, n = arguments.length; i < n; i++) {\r\n\n
s = arguments[i];\r\n\n for (var p in s) if (Object.prototype.hasOwnProperty.call(s, p)) t[p] = s[p];\r\n\n }\r\n\n
return t;\r\n\n }\r\n\n return __assign.apply(this, arguments);\r\n}\r\n\nexport function __rest(s, e) {\r\n\n var t
= {};\r\n\n for (var p in s) if (Object.prototype.hasOwnProperty.call(s, p) && e.indexOf(p) < 0)\r\n\n t[p] =
s[p];\r\n\n if (s != null && typeof Object.getOwnPropertySymbols === \"function\")\r\n\n for (var i = 0, p =

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__await ? Promise.resolve(r.value.v).then(fulfill, reject) : settle(q[0][2], r); }

function fulfill(value) {
  resume("\next", value); }

function reject(value) {
  resume("\throw", value); }

function settle(f, v) {
  if (f(v), q.shift(), q.length)
    resume(q[0][0], q[0][1]); }

function __export(o) {
  var i, p;
  return i = {}, verb("\next"), verb("\throw"), function (e) { throw e; }, verb("\return"), i[Symbol.iterator] =
function () { return this; }, i;

function verb(n, f) {
  i[n] = o[n] ? function (v) { return (p = !p) ? { value:
__await(o[n](v)), done: n === "\return" } : f ? f(v) : v; } : f; }

function __exportValues(o) {
  if (!Symbol.asyncIterator)
    throw new TypeError("Symbol.asyncIterator is not defined.");
  var m = o[Symbol.asyncIterator], i;
  return m ? m.call(o) : (o = typeof __values === "function" ? __values(o) :
o[Symbol.iterator](), i = {}, verb("\next"), verb("\throw"), verb("\return"), i[Symbol.asyncIterator] =
function () { return this; }, i);

function verb(n) {
  i[n] = o[n] && function (v) { return new Promise(function (resolve, reject) {
v = o[n](v), settle(resolve, reject, v.done, v.value); }); }); }

function settle(resolve, reject, d, v) {
  Promise.resolve(v).then(function(v) { resolve({ value: v, done: d }); }, reject); }

function __makeTemplateObject(cooked, raw) {
  if (Object.defineProperty)
    Object.defineProperty(cooked, "raw", { value: raw });
  else
    cooked.raw = raw;
  return cooked; }

function __importStar(mod) {
  if (mod && mod.__esModule)
    return mod;
  var result = {};
  if (mod != null)
    for (var k in mod)
      if (Object.hasOwnProperty.call(mod, k))
        result[k] = mod[k];
  result.default = mod;
  return result; }

function __importDefault(mod) {
  return (mod && mod.__esModule) ? mod : { default: mod }; }

}

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export const $COMPILE = 'scompile';
export const $CONTROLLER = 'scontroller';
export const $DELEGATE = 'sdelegate';
export const $EXCEPTION_HANDLER = 'sexceptionHandler';
export const $HTTP_BACKEND = 'shttpBackend';
export const $INJECTOR = 'sinjector';
export const $INTERVAL = 'sinterval';
export const $PARSE = 'sparse';
export const $PROVIDE = 'sprovide';
export const $ROOT_SCOPE = 'srootScope';
export const $SCOPE = 'scope';
export const $TEMPLATE_CACHE = 'stemplateCache';
export const $TEMPLATE_REQUEST = 'stemplateRequest';
export const $TESTABILITY = '$$testability';
export const $COMPILER_KEY = '$$angularCompiler';
export const $DOWNGRADED_MODULE_COUNT_KEY = '$$angularDowngradedModuleCount';
export const $GROUP_PROJECTABLE_NODES_KEY = '$$angularGroupProjectableNodes';
export const $INJECTOR_KEY = '$$angularInjector';
export const $LAZY_MODULE_REF = '$$angularLazyModuleRef';
export const $NG_ZONE_KEY = '$$angularNgZone';
export const $UPGRADE_APP_TYPE_KEY = '$$angularUpgradeAppType';
export const $REQUIRE_INJECTOR = '?^^ + INJECTOR_KEY';
export const $REQUIRE_NG_MODEL = '?ngModel';
export const $UPGRADE_MODULE_NAME = '$$UpgradeModule';

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A `PropertyBinding` represents a mapping between a property name
 and an attribute name. It is parsed from a string of the form
`"prop: attr"`; or simply `"propAndAttr"` where the property
 and attribute have the same identifier.

export class PropertyBinding {
  // TODO(issue/24571): remove '!'.
  bracketAttr!: string;
  // TODO(issue/24571): remove '!'.
  parenAttr!: string;
  // TODO(issue/24571): remove '!'.
  onAttr!: string;
  // TODO(issue/24571): remove '!'.
  bindAttr!: string;
  // TODO(issue/24571): remove '!'.
  bindonAttr!: string;

  constructor(public prop: string, public attr: string) {
    this.parseBinding();
  }

  private parseBinding() {
    this.bracketAttr = `${this.attr}`;
    this.parenAttr = `(${this.attr})`;
    this.capitalAttr = this.attr.charAt(0).toUpperCase() +
this.attr.substr(1);
    this.onAttr = `on${capitalAttr}`;
    this.bindAttr = `bind${capitalAttr}`;
    this.bindonAttr = `bindon${capitalAttr}`;
  }
}

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import { Injector, Type } from '@angular/core';
import { InjectorService, INgModelController } from './angular1';
import

```

```

{DOWNGRADED_MODULE_COUNT_KEY, UPGRADE_APP_TYPE_KEY} from './constants';\n\nconst
DIRECTIVE_PREFIX_REGEXP = /^(?:x|data)[:|_|-|/i;\n\nconst DIRECTIVE_SPECIAL_CHARS_REGEXP = /[:|_|-
_]+(./g);\n\nexport function onError(e: any) {\n // TODO: (misko): We seem to not have a stack trace here!\n if
(console.error) {\n console.error(e, e.stack);\n } else {\n // tslint:disable-next-line:no-console\n console.log(e,
e.stack);\n }\n throw e;\n}\n\nexport function controllerKey(name: string): string {\n return '$' + name +
'Controller';\n}\n\nexport function directiveNormalize(name: string): string {\n return
name.replace(DIRECTIVE_PREFIX_REGEXP, "")\n .replace(DIRECTIVE_SPECIAL_CHARS_REGEXP, (_,
letter) => letter.toUpperCase());\n}\n\nexport function getTypeName(type: Type<any>): string {\n // Return the
name of the type or the first line of its stringified version.\n return (type as any).overridesName || type.name ||
type.toString().split("\\n")[0];\n}\n\nexport function getDowngradedModuleCount($injector: IInjectorService):
number {\n return $injector.has(DOWNGRADED_MODULE_COUNT_KEY) ?
$injector.get(DOWNGRADED_MODULE_COUNT_KEY) : 0;\n}\n\nexport
function getUpgradeAppType($injector: IInjectorService): UpgradeAppType {\n return
$injector.has(UPGRADE_APP_TYPE_KEY) ? $injector.get(UPGRADE_APP_TYPE_KEY) : \n
UpgradeAppType.None;\n}\n\nexport function isFunction(value: any): value is Function {\n return typeof
value === 'function';\n}\n\nexport function validateInjectionKey(\n $injector: IInjectorService,
downgradedModule: string, injectionKey: string,\n attemptedAction: string): void {\n const upgradeAppType =
getUpgradeAppType($injector);\n const downgradedModuleCount = getDowngradedModuleCount($injector);\n
// Check for common errors.\n switch (upgradeAppType) {\n case UpgradeAppType.Dynamic:\n case
UpgradeAppType.Static:\n if (downgradedModule) {\n throw new Error(\n `Error while
${attemptedAction}: 'downgradedModule' unexpectedly specified.\\n` +\n `You should not specify a value for
\\'downgradedModule\\', unless you are downgrading ' +\n `more than one Angular module (via
\\'downgradeModule()\\').`);\n } break;\n case UpgradeAppType.Lite:\n if (!downgradedModule &&
(downgradedModuleCount >= 2)) {\n throw new Error(\n `Error while ${attemptedAction}:
'downgradedModule' not specified.\\n` +\n `This application contains more than one downgraded Angular
module, thus you need to ' +\n `always specify \\'downgradedModule\\' when downgrading components and
injectables.`);\n } break;\n if (!$injector.has(injectionKey)) {\n throw new Error(\n `Error while
${attemptedAction}: Unable to find the specified downgraded module.\\n` +\n `Did you forget to downgrade
an Angular module or include it in the AngularJS ' +\n `application?`);\n } break;\n default:\n throw new Error(\n `Error while ${attemptedAction}: Not a valid '@angular/upgrade' application.\\n` +\n
`Did you forget to downgrade an Angular module or include it in the AngularJS ' +\n `application?`);\n
}\n}\n\nexport class Deferred<R> {\n promise: Promise<R>;\n // TODO(issue/24571): remove '!.\n resolve !:
(value?: R | PromiseLike<R>) => void;\n // TODO(issue/24571): remove '!.\n reject !: (error?: any) => void;\n\n
constructor() {\n this.promise = new Promise((res, rej) => {\n this.resolve = res;\n this.reject = rej;\n });\n
}\n}\n\nexport interface LazyModuleRef {\n injector?: Injector;\n promise?: Promise<Injector>;\n}\n\nexport
const enum UpgradeAppType {\n // App NOT using `@angular/upgrade`. (This should never happen in an
`ngUpgrade` app.)\n None,\n // App using the deprecated `@angular/upgrade` APIs (a.k.a. dynamic
`ngUpgrade`).\n Dynamic,\n // App using `@angular/upgrade/static` with `UpgradeModule`.\n Static,\n // App
using `@angular/upgrade/static` with `downgradeModule()` (a.k.a `ngUpgrade`-lite ).\n Lite,\n}\n\n/**\n * @return
Whether the passed-in component implements the subset of the\n * `ControlValueAccessor` interface needed for
AngularJS `ng-model`\n * compatibility.\n */\nfunction supportsNgModel(component: any) {\n return typeof
component.writeValue === 'function' &&\n typeof component.registerOnChange === 'function';\n}\n\n/**\n *
Glue the AngularJS `NgModelController` (if it exists) to the component\n * (if it implements the needed subset of
the `ControlValueAccessor` interface).\n */\nexport function hookupNgModel(ngModel: INgModelController,
component: any) {\n if (ngModel && supportsNgModel(component)) {\n ngModel.$render = () => {\n
component.writeValue(ngModel.$viewValue); }\n\n component.registerOnChange(ngModel.$setViewValue.bind(ngModel));\n
if (typeof component.registerOnTouched === 'function') {\n

```

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component.registerOnTouched(ngModel.$setTouched.bind(ngModel));\n  }\n }\n}\n\n/**\n * Test two values for
strict equality, accounting for the fact that `NaN !== NaN`.\n */\nexport function strictEquals(val1: any, val2: any):
boolean {\n  return val1 === val2 || (val1 !== val1 && val2 !== val2);\n}\n\n", /**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\n\nimport { ApplicationRef, ChangeDetectorRef,
ComponentFactory, ComponentRef, EventEmitter, Injector, OnChanges, SimpleChange, SimpleChanges,
StaticProvider, Testability, TestabilityRegistry, Type } from '@angular/core';\n\nimport { IAttributes,
IAugmentedJQuery, ICompileService, IInjectorService, INgModelController, IParseService, IScope } from
'./angular1';\n\nimport { PropertyBinding } from './component_info';\n\nimport { $$SCOPE } from './constants';\n\nimport
{ getTypeName, hookupNgModel, strictEquals } from './util';\n\nconst INITIAL_VALUE = {\n
__UNINITIALIZED__: true\n};\n\nexport class DowngradeComponentAdapter {\n  private implementsOnChanges
= false;\n  private inputChangeCount: number = 0;\n  private inputChanges: SimpleChanges = {};\n  private
componentScope: IScope;\n  // TODO(issue/24571): remove '!.\n  private componentRef!: ComponentRef<any>;\n
private component: any;\n  // TODO(issue/24571): remove '!.\n  private changeDetector!: ChangeDetectorRef;\n  //
TODO(issue/24571): remove '!.\n  private viewChangeDetector!: ChangeDetectorRef;\n\n  constructor(\n
private element: IAugmentedJQuery, private attrs: IAttributes, private scope: IScope,\n  private ngModel:
INgModelController, private parentInjector: Injector,\n  private $injector: IInjectorService, private $compile:
ICompileService,\n  private $parse: IParseService, private componentFactory: ComponentFactory<any>,\n
private wrapCallback: <T>(cb: () => T) => () => T) {\n  this.componentScope = scope.$new();\n  }\n\n
compileContents(): Node[][] {\n  const compiledProjectableNodes: Node[][] = [];\n  const projectableNodes:
Node[][] = this.groupProjectableNodes();\n  const linkFns = projectableNodes.map(nodes =>
this.$compile(nodes));\n\n  this.element.empty !();\n\n  linkFns.forEach(linkFn => {\n  linkFn(this.scope,
(clone: Node[]) => {\n  compiledProjectableNodes.push(clone);\n  this.element.append !(clone);\n  });\n
});\n\n  return compiledProjectableNodes;\n  }\n\n  createComponent(projectableNodes: Node[][])\n  const
providers: StaticProvider[] = [{ provide: $$SCOPE, useValue: this.componentScope }];\n  const childInjector =
Injector.create(\n  { providers: providers, parent: this.parentInjector, name:
'DowngradeComponentAdapter'});\n\n  this.componentRef =\n  this.componentFactory.create(childInjector,
projectableNodes, this.element[0]);\n  this.viewChangeDetector =
this.componentRef.injector.get(ChangeDetectorRef);\n  this.changeDetector =
this.componentRef.changeDetectorRef;\n  this.component = this.componentRef.instance;\n\n  // testability hook is
commonly added during component bootstrap in\n  // packages/core/src/application_ref.bootstrap()\n  // in
downgraded application, component creation will take place here as well as adding the\n  // testability hook.\n
const testability = this.componentRef.injector.get(Testability, null);\n  if (testability) {\n
this.componentRef.injector.get(TestabilityRegistry)\n
.registerApplication(this.componentRef.location.nativeElement, testability);\n  }\n\n
hookupNgModel(this.ngModel, this.component);\n  }\n\n  setupInputs(manuallyAttachView: boolean,
propagateDigest = true): void {\n  const attrs = this.attrs;\n  const inputs = this.componentFactory.inputs || [];\n
for (let i = 0; i < inputs.length; i++) {\n  const input = new PropertyBinding(inputs[i].propName,
inputs[i].templateName);\n  let expr: string|null = null;\n  if (attrs.hasOwnProperty(input.attr)) {\n  const
observeFn = (prop => {\n  let prevValue = INITIAL_VALUE;\n  return (currValue: any) => {\n  //
Initially, both `$observe()` and `$watch()` will call this function.\n  if (!strictEquals(prevValue, currValue))
{\n  if (prevValue === INITIAL_VALUE) {\n  prevValue = currValue;\n  }\n\n
this.updateInput(prop, prevValue, currValue);\n  prevValue = currValue;\n  }\n  });\n
})(input.prop);\n  attrs.$observe(input.attr, observeFn);\n\n  // Use `$watch()` (in addition to `$observe()`) in
order to initialize the input in time\n  // for `ngOnChanges()`. This is necessary if we are already in a `$digest`,
which means that\n  // `ngOnChanges()` (which is called by a watcher) will run before the `$observe()`
callback.\n  let unwatch: Function|null = this.componentScope.$watch(() => {\n  unwatch !();\n
unwatch = null;\n  observeFn(attrs[input.attr]);\n  });\n  } else if (attrs.hasOwnProperty(input.bindAttr))

```

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{\n    expr = attrs[input.bindAttr];\n    } else if (attrs.hasOwnProperty(input.bracketAttr)) {\n    expr =
attrs[input.bracketAttr];\n    } else if (attrs.hasOwnProperty(input.bindonAttr)) {\n    expr =
attrs[input.bindonAttr];\n    } else if (attrs.hasOwnProperty(input.bracketParenAttr)) {\n    expr =
attrs[input.bracketParenAttr];\n    }\n    if (expr != null) {\n    const watchFn =\n    (prop => (currValue:
any, prevValue: any) =>\n        this.updateInput(prop, prevValue, currValue))(input.prop);\n    this.componentScope.$watch(expr, watchFn);\n    }\n    }\n    // Invoke `ngOnChanges()` and Change Detection
(when necessary)\n    const detectChanges = () => this.changeDetector.detectChanges();\n    const prototype =
this.componentFactory.componentType.prototype;\n    this.implementsOnChanges = !(prototype &&
(<OnChanges>prototype).ngOnChanges);\n    this.componentScope.$watch(() => this.inputChangeCount,
this.wrapCallback(() => {\n    // Invoke `ngOnChanges()`\n    if (this.implementsOnChanges) {\n    const
inputChanges = this.inputChanges;\n    this.inputChanges = {};\n    (<OnChanges>this.component).ngOnChanges(inputChanges !);\n    }\n    }\n    this.viewChangeDetector.markForCheck();\n    // If opted out of propagating digests, invoke change detection
when inputs change.\n    if (!propagateDigest) {\n    detectChanges();\n    }\n    });\n    // If not opted out of
propagating digests, invoke change detection on every digest\n    if (propagateDigest) {\n    this.componentScope.$watch(this.wrapCallback(detectChanges));\n    }\n    // If necessary, attach the view so that
it will be dirty-checked.\n    // (Allow time for the initial input values to be set and `ngOnChanges()` to be called.)\n    if (manuallyAttachView || !propagateDigest) {\n    let unwatch: Function|null = this.componentScope.$watch(() =>
{\n    unwatch !();\n    unwatch = null;\n    }\n    const appRef =
this.parentInjector.get<ApplicationRef>(ApplicationRef);\n    appRef.attachView(this.componentRef.hostView);\n    });\n    }\n    }\n    setupOutputs() {\n    const attrs =
this.attrs;\n    const outputs = this.componentFactory.outputs || [];\n    for (let j = 0; j < outputs.length; j++) {\n    const output = new PropertyBinding(outputs[j].propName, outputs[j].templateName);\n    const bindonAttr =
output.bindonAttr.substring(0, output.bindonAttr.length - 6);\n    const bracketParenAttr =\n    `[$${output.bracketParenAttr.substring(2, output.bracketParenAttr.length - 8)}]`; \n    // order below is important -
first update bindings then evaluate expressions\n    if (attrs.hasOwnProperty(bindonAttr)) {\n    this.subscribeToOutput(output, attrs[bindonAttr], true);\n    }\n    if (attrs.hasOwnProperty(bracketParenAttr)) {\n    this.subscribeToOutput(output, attrs[bracketParenAttr], true);\n    }\n    if
(attrs.hasOwnProperty(output.onAttr)) {\n    this.subscribeToOutput(output, attrs[output.onAttr]);\n    }\n    if
(attrs.hasOwnProperty(output.parenAttr)) {\n    this.subscribeToOutput(output, attrs[output.parenAttr]);\n    }\n    }\n    }\n    private subscribeToOutput(output: PropertyBinding, expr: string, isAssignment: boolean = false) {\n    const getter = this.$parse(expr);\n    const setter = getter.assign;\n    if (isAssignment && !setter) {\n    throw new
Error(`Expression '${expr}' is not assignable!`);\n    }\n    const emitter = this.component[output.prop] as
EventEmitter<any>;\n    if (emitter) {\n    emitter.subscribe({\n    next: isAssignment ? (v: any) => setter
!(this.scope, v) :\n    (v: any) => getter(this.scope, {'$event': v})\n    });\n    } else {\n    throw new
Error(\n    `Missing emitter '${output.prop}' on component
'${getTypeName(this.componentFactory.componentType)}'`);\n    }\n    }\n    registerCleanup() {\n    const
testabilityRegistry = this.componentRef.injector.get(TestabilityRegistry);\n    const destroyComponentRef =
this.wrapCallback(() => this.componentRef.destroy());\n    let destroyed = false;\n    this.element.on !('$destroy', ()
=> this.componentScope.$destroy());\n    this.componentScope.$on('$destroy', () => {\n    if (!destroyed) {\n    destroyed = true;\n    testabilityRegistry.unregisterApplication(this.componentRef.location.nativeElement);\n    destroyComponentRef();\n    }\n    });\n    }\n    }\n    getInjector(): Injector { return this.componentRef.injector; }\n    private updateInput(prop: string, prevValue: any, currValue: any) {\n    if (this.implementsOnChanges) {\n    this.inputChanges[prop] = new SimpleChange(prevValue, currValue, prevValue === currValue);\n    }\n    }\n    this.inputChangeCount++;\n    this.component[prop] = currValue;\n    }\n    groupProjectableNodes() {\n    let
ngContentSelectors = this.componentFactory.ngContentSelectors;\n    return
groupNodesBySelector(ngContentSelectors, this.element.contents !());\n    }\n    }\n    /**\n    * Group a set of DOM nodes
into `ngContent` groups, based on the given content selectors.\n    */\n    export function

```

```

groupNodesBySelector(ngContentSelectors: string[], nodes: Node[]): Node[][] {\n
  const projectableNodes: Node[][] = [];\n
  let wildcardNgContentIndex: number;\n
  for (let i = 0, ii = ngContentSelectors.length; i < ii; ++i) {\n
    projectableNodes[i] = [];\n
  }\n
  for (let j = 0, jj = nodes.length; j < jj; ++j) {\n
    const node = nodes[j];\n
    const ngContentIndex = findMatchingNgContentIndex(node, ngContentSelectors);\n
    if (ngContentIndex != null) {\n
      projectableNodes[ngContentIndex].push(node);\n
    }\n
  }\n
  return projectableNodes;\n
}\n
function findMatchingNgContentIndex(element: any, ngContentSelectors: string[]): number|null {\n
  const ngContentIndices: number[] = [];\n
  let wildcardNgContentIndex: number = -1;\n
  for (let i = 0; i < ngContentSelectors.length; i++) {\n
    const selector = ngContentSelectors[i];\n
    if (selector === '*') {\n
      wildcardNgContentIndex = i;\n
    } else {\n
      if (matchesSelector(element, selector)) {\n
        ngContentIndices.push(i);\n
      }\n
    }\n
  }\n
  ngContentIndices.sort();\n
  if (wildcardNgContentIndex !== -1) {\n
    ngContentIndices.push(wildcardNgContentIndex);\n
  }\n
  return ngContentIndices.length ? ngContentIndices[0] : null;\n
}\n
let _matches: (this: any, selector: string) => boolean;\n
function matchesSelector(el: any, selector: string): boolean {\n
  if (!_matches) {\n
    const elProto = <any>Element.prototype;\n
    _matches = elProto.matches || elProto.matchesSelector || elProto.mozMatchesSelector || elProto.msMatchesSelector || elProto.oMatchesSelector || elProto.webkitMatchesSelector;\n
  }\n
  return el.nodeType === Node.ELEMENT_NODE ? _matches.call(el, selector) : false;\n
}\n
"/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license\n */\n\nimport {isFunction} from './util';\n\nexport interface Thenable<T> {\n  then(callback: (value: T) => any): any;\n}\n\nexport function isThenable<T>(obj: unknown): obj is Thenable<T> {\n  return !!obj && isFunction((obj as any).then);\n}\n\n/**\n * Synchronous, promise-like object.\n */\n\nexport class SyncPromise<T> {\n  protected value: T|undefined;\n  private resolved = false;\n  private callbacks: ((value: T) => unknown)[] = [];\n\n  static all<T>(valuesOrPromises: (T|Thenable<T>)[]): SyncPromise<T[]> {\n    const aggrPromise = new SyncPromise<T[]>();\n    let resolvedCount = 0;\n    const results: T[] = [];\n    const resolve = (idx: number, value: T) => {\n      results[idx] = value;\n      if (++resolvedCount === valuesOrPromises.length) aggrPromise.resolve(results);\n    };\n    valuesOrPromises.forEach((p, idx) => {\n      if (isThenable(p)) {\n        p.then(v => resolve(idx, v));\n      } else {\n        resolve(idx, p);\n      }\n    });\n    return aggrPromise;\n  }\n\n  resolve(value: T): void {\n    // Do nothing, if already resolved.\n    if (this.resolved) return;\n    this.value = value;\n    this.resolved = true;\n    // Run the queued callbacks.\n    this.callbacks.forEach(callback => callback(value));\n    this.callbacks.length = 0;\n  }\n\n  then(callback: (value: T) => unknown): void {\n    if (this.resolved) {\n      callback(this.value!);\n    } else {\n      this.callbacks.push(callback);\n    }\n  }\n}\n\n"/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license\n */\n\nimport {ComponentFactory, ComponentFactoryResolver, Injector, NgZone, Type} from '@angular/core';\nimport {IAnnotatedFunction, IAttributes, IAugmentedJQuery, ICompileService, IDirective, IInjectorService, INgModelController, IParseService, IScope} from './angular1';\nimport {$COMPILE, $INJECTOR, $PARSE, INJECTOR_KEY, LAZY_MODULE_REF, REQUIRE_INJECTOR, REQUIRE_NG_MODEL} from './constants';\nimport {DowngradeComponentAdapter} from './downgrade_component_adapter';\nimport {SyncPromise, Thenable} from './promise_util';\nimport {LazyModuleRef, UpgradeAppType, controllerKey, getDowngradedModuleCount, getTypeName, getUpgradeAppType, validateInjectionKey} from './util';\n\n/**\n * @description\n * A helper function that allows an Angular component to be used from AngularJS.\n * Part of the [upgrade/static](api?query=upgrade%2Fstatic)\n * library for hybrid upgrade apps that support AOT compilation.\n * This helper function returns a factory function to be used for registering an AngularJS wrapper directive for "downgrading" an Angular component.\n * @usageNotes\n * ### Examples\n * Let's assume that you have an Angular component called `ng2Heroes` that needs to be made available in AngularJS templates.\n * We must create an AngularJS [directive](https://docs.angularjs.org/guide/directive) that will make this Angular component available inside AngularJS templates.\n * The `downgradeComponent()` function returns a factory function that we can use to

```

define the AngularJS directive that wraps the `"downgraded"` component.

```

@Example
upgrade/static/ts/full/module.ts region="ng2-heroes-wrapper"
For more details and examples on downgrading Angular components to AngularJS components please visit the [Upgrade guide](guide/upgrade#using-angular-components-from-angularjs-code).
@param info contains information about the Component that is being downgraded:
  - component: Type<any>: The type of the Component that will be downgraded
  - `downgradedModule?: string`: The name of the downgraded module (if any) that the component "belongs to", as returned by a call to `downgradeModule()`. It is the module, whose corresponding Angular module will be bootstrapped, when the component needs to be instantiated.
  - `propagateDigest?: boolean`: Whether to perform { @link ChangeDetectorRef#detectChanges change detection } on the component on every
  - `digest` (https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest). If set to `false`, change detection will still be performed when any of the component's inputs changes. (Default: true)
  - @returns a factory function that can be used to register the component in an AngularJS module.
  - @publicApi
  - ^next export function downgradeComponent(info: {
    component: Type<any>;
    downgradedModule?: string;
    propagateDigest?: boolean;
  } /** @deprecated since v4. This parameter is no longer used */
    inputs?: string[]; /** @deprecated since v4. This parameter is no longer used */
    outputs?: string[]; /** @deprecated since v4. This parameter is no longer used */
    selectors?: string[];
  }): any /* angular.IInjectable */ {
    const directiveFactory: IAnnotatedFunction = function(
      $compile: ICompileService, $injector: IInjectorService, $parse: IParseService): IDirective {
      // When using `downgradeModule()`, we need to handle certain things specially. For example:
      // - We always need to attach the component view to the `ApplicationRef` for it to be dirty-checked.
      // - We need to ensure callbacks to Angular APIs (e.g. change detection) are run inside the Angular zone.
      // NOTE: This is not needed, when using `UpgradeModule`, because `digest()` will be run inside the Angular zone (except if explicitly escaped, in which case we shouldn't force it back in).
      const isNgUpgradeLite = getUpgradeAppType($injector) === UpgradeAppType.Lite;
      const wrapCallback: <T>(cb: () => T) => typeOf cb = isNgUpgradeLite ? cb => cb : cb => () => NgZone.isInAngularZone() ? cb() : ngZone.run(cb);
      let ngZone: NgZone;
      // When downgrading multiple modules, special handling is needed wrt injectors.
      const hasMultipleDowngradedModules = isNgUpgradeLite && (getDowngradedModuleCount($injector) > 1);
      return {
        restrict: 'E',
        terminal: true,
        require: [REQUIRE_INJECTOR, REQUIRE_NG_MODEL],
        link: (scope: IScope, element: IAugmentedJQuery, attrs: IAttributes, required: any[]) => {
          // We might have to compile the contents asynchronously, because this might have been triggered by `UpgradeNg1ComponentAdapterBuilder`, before the Angular templates have been compiled.
          const ngModel: INgModelController = required[1];
          const parentInjector: Injector|Thenable<Injector>|undefined = required[0];
          let moduleInjector: Injector|Thenable<Injector>|undefined = undefined;
          let ranAsync = false;
          if (!parentInjector || hasMultipleDowngradedModules) {
            const downgradedModule = info.downgradedModule || "";
            const lazyModuleRefKey = `${LAZY_MODULE_REF}${downgradedModule}`;
            const attemptedAction = `instantiating component '${getTypeName(info.component)}';`
            validateInjectionKey($injector, downgradedModule, lazyModuleRefKey, attemptedAction);
            const lazyModuleRef = $injector.get(lazyModuleRefKey) as LazyModuleRef;
            moduleInjector = lazyModuleRef.injector || lazyModuleRef.promise as Promise<Injector>;
          }
          // Notes:
          // There are two injectors: `finalModuleInjector` and `finalParentInjector` (they might be the same instance, but that is irrelevant):
          // - `finalModuleInjector` is used to retrieve `ComponentFactoryResolver`, thus it must be on the same tree as the `NgModule` that declares this downgraded component.
          // - `finalParentInjector` is used for all other injection purposes. (Note that Angular knows to only traverse the component-tree part of that injector, when looking for an injectable and then switch to the module injector.)
          // There are basically three cases:
          // - If there is no parent component (thus no `parentInjector`), we bootstrap the downgraded `NgModule` and use its injector as both

```



```

`finalModuleInjector` and\n    // `finalParentInjector`.\n    // - If there is a parent component (and thus a
`parentInjector`) and we are sure that it\n    // belongs to the same `NgModule` as this downgraded component
(e.g. because there is only\n    // one downgraded module, we use that `parentInjector` as both
`finalModuleInjector` and\n    // `finalParentInjector`.\n    // - If there is a parent component, but it may belong
to a different `NgModule`, then we\n    // use the `parentInjector` as `finalParentInjector` and this downgraded
component's\n    // declaring `NgModule`'s injector as `finalModuleInjector`.\n    // Note 1: If the
`NgModule` is already bootstrapped, we just get its injector (we don't\n    // bootstrap again).\n    // Note
2: It is possible that (while there are multiple downgraded modules) this\n    // downgraded component and
its parent component both belong to the same NgModule.\n    // In that case, we could have used the
`parentInjector` as both\n    // `finalModuleInjector` and `finalParentInjector`, but (for simplicity) we are\n
    // treating this case as if they belong to different `NgModule`s. That doesn't\n    // really affect
anything, since `parentInjector` has `moduleInjector` as ancestor\n    // and trying to resolve
`ComponentFactoryResolver` from either one will return\n    // the same instance.\n\n    // If there is a
parent component, use its injector as parent injector.\n    // If this is a \"top-level\" Angular component, use the
module injector.\n    const finalParentInjector = parentInjector || moduleInjector !;\n\n    // If this is a \"top-
level\" Angular component or the parent component may belong to a\n    // different `NgModule`, use the module
injector for module-specific dependencies.\n    // If there is a parent component that belongs to the same
`NgModule`, use its injector.\n    const finalModuleInjector = moduleInjector || parentInjector !;\n    const
doDowngrade = (injector: Injector, moduleInjector: Injector) => {\n    // Retrieve `ComponentFactoryResolver`
from the injector tied to the `NgModule` this\n    // component belongs to.\n    const
componentFactoryResolver: ComponentFactoryResolver =\n
moduleInjector.get(ComponentFactoryResolver);\n    const componentFactory: ComponentFactory<any> =\n
componentFactoryResolver.resolveComponentFactory(info.component) !;\n\n    if (!componentFactory) {\n
throw new Error(`Expecting ComponentFactory for: ${getTypeName(info.component)}`);\n    }\n\n
const injectorPromise = new ParentInjectorPromise(element);\n    const facade = new
DowngradeComponentAdapter(\n    element, attrs, scope, ngModel, injector, $injector, $compile, $parse,\n
componentFactory, wrapCallback);\n\n    const projectableNodes = facade.compileContents();\n
facade.createComponent(projectableNodes);\n    facade.setupInputs(isNgUpgradeLite, info.propagateDigest);\n
facade.setupOutputs();\n    facade.registerCleanup();\n\n
injectorPromise.resolve(facade.getInjector());\n\n    if (ranAsync) {\n    // If this is run async, it is possible
that it is not run inside a\n    // digest and initial input values will not be detected.\n    scope.$evalAsync(()
=> {});\n    }\n    }; \n\n    const downgradeFn =\n    !isNgUpgradeLite ? doDowngrade : (pInjector:
Injector, mInjector: Injector) => {\n    if (!ngZone) {\n    ngZone = pInjector.get(NgZone);\n
}\n\n    wrapCallback(() => doDowngrade(pInjector, mInjector));\n    }; \n\n    // NOTE:\n    // Not
using `ParentInjectorPromise.all()` (which is inherited from `SyncPromise`), because\n    // Closure Compiler (or
some related tool) complains:\n    // `TypeError: ...$src$downgrade_component_ParentInjectorPromise.all is not a
function`\n    SyncPromise.all([finalParentInjector, finalModuleInjector])\n    .then(([pInjector, mInjector])
=> downgradeFn(pInjector, mInjector));\n\n    ranAsync = true;\n    } \n    }; \n\n    // bracket-notation because
of closure - see #14441\n    directiveFactory['$inject'] = [$COMPILE, $INJECTOR, $PARSE];\n    return
directiveFactory;\n    }\n\n    /**\n    * Synchronous promise-like object to wrap parent injectors,\n    * to preserve the
synchronous nature of AngularJS's `$compile`.\n    */\n    class ParentInjectorPromise extends SyncPromise<Injector>
{\n    private injectorKey: string = controllerKey(INJECTOR_KEY);\n\n    constructor(private element:
IAugmentedJQuery) {\n    super();\n\n    // Store the promise on the element.\n    element.data !(this.injectorKey,
this);\n    }\n\n    resolve(injector: Injector): void {\n    // Store the real injector on the element.\n    this.element.data
!(this.injectorKey, injector);\n\n    // Release the element to prevent memory leaks.\n    this.element = null !;\n\n    //
Resolve the promise.\n    super.resolve(injector);\n    }\n    }\n\n    /**\n    * @license\n    * Copyright Google Inc. All Rights
Reserved.\n    * Use of this source code is governed by an MIT-style license that can be\n    * found in the
LICENSE file at https://angular.io/license\n    */\n    import {Injector} from '@angular/core';\n    import

```

```

{InjectorService} from './angular1';\nimport {$INJECTOR, INJECTOR_KEY} from './constants';\nimport
{getTypeName, isFunction, validateInjectionKey} from './util';\n\n/**\n * @description\n * A helper function to
allow an Angular service to be accessible from AngularJS.\n *\n * *Part of the
[upgrade/static](api?query=upgrade%2Fstatic)\n * library for hybrid upgrade apps that support AOT compilation*\n
*\n * This helper function returns a factory function that provides access to the Angular\n * service identified by the
`token` parameter.\n *\n * @usageNotes\n * ### Examples\n *\n * First ensure that the service to be downgraded is
provided in an `NgModule`\n * that will be part of the upgrade application. For example, let's assume we have\n *
defined `HeroesService`\n *\n * { @example upgrade/static/ts/full/module.ts region="ng2-heroes-service"}\n *\n *
and that we have included this in our upgrade app `NgModule`\n *\n * { @example upgrade/static/ts/full/module.ts
region="ng2-module"}\n *\n * Now we can register the `downgradeInjectable` factory function for the service\n *
on an AngularJS module.\n *\n * { @example upgrade/static/ts/full/module.ts region="downgrade-ng2-heroes-
service"}\n *\n * Inside an AngularJS component's controller we can get hold of the\n * downgraded service via the
name we gave when downgrading.\n *\n * { @example upgrade/static/ts/full/module.ts region="example-app"}\n
*\n * <div class="alert is-important">\n *\n * When using `downgradeModule()`, downgraded injectables will not
be available until the Angular\n * module that provides them is instantiated. In order to be safe, you need to ensure
that the\n * downgraded injectables are not used anywhere _outside_ the part of the app where it is\n * guaranteed
that their module has been instantiated.\n *\n * For example, it is _OK_ to use a downgraded service in an
upgraded component that is only used\n * from a downgraded Angular component provided by the same Angular
module as the injectable, but\n * it is _not OK_ to use it in an AngularJS component that may be used
independently of Angular or\n * use it in a downgraded Angular component from a different module.\n *\n *
</div>\n *\n * @param token an `InjectionToken` that identifies a service provided from Angular.\n * @param
downgradedModule the name of the downgraded module (if any) that the injectable\n * "belongs to", as returned
by a call to `downgradeModule()`. It is the module, whose injector will\n * be used for instantiating the
injectable.<br />\n * (This option is only necessary when using `downgradeModule()` to downgrade more than one
Angular\n * module.)\n *\n * @returns a [factory function](https://docs.angularjs.org/guide/di) that can be\n * used
to register the service on an AngularJS module.\n *\n * @publicApi\n */\nexport function
downgradeInjectable(token: any, downgradedModule: string = ""): Function {\n  const factory = function($injector:
InjectorService) {\n    const injectorKey = `${INJECTOR_KEY}${downgradedModule}`;\n    const
injectableName = isFunction(token) ? getTypeName(token) : String(token);\n    const attemptedAction =
`instantiating injectable '${injectableName}'`;\n    validateInjectionKey($injector, downgradedModule,\n
injectorKey, attemptedAction);\n\n    const injector: Injector = $injector.get(injectorKey);\n    return
injector.get(token);\n  };\n  (factory as any)[$inject] = [$INJECTOR];\n  return factory;\n}\n\n/**\n * @license\n
* Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license
that can be\n * found in the LICENSE file at https://angular.io/license\n *\n\n/**\n * @module\n * @description\n
* Entry point for all public APIs of the common package.\n *\n\nimport {Version} from '@angular/core';\n\n/**\n *
@publicApi\n */\nexport const VERSION = new Version('9.0.7');\n\n\n/**\n * @license\n * Copyright Google Inc.
All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in
the LICENSE file at https://angular.io/license\n *\n\nimport {InjectorService} from
'./../src/common/src/angular1';\n\n// We have to do a little dance to get the ng1 injector into the module injector.\n//
We store the ng1 injector so that the provider in the module injector can access it\n// Then we "get" the ng1
injector from the module injector, which triggers the provider to read\n// the stored injector and release the reference
to it.\nlet tempInjectorRef: InjectorService|null = null;\nexport function setTempInjectorRef(injector:
InjectorService) {\n  tempInjectorRef = injector;\n}\nexport function injectorFactory() {\n  if (!tempInjectorRef)
{\n    throw new Error("Trying to get the AngularJS injector before it being set.");\n  }\n  const injector:
InjectorService = tempInjectorRef;\n  tempInjectorRef = null; // clear the value to prevent memory leaks\n  return
injector;\n}\n\nexport function rootScopeFactory(i: InjectorService) {\n  return i.get('$rootScope');\n}\n\nexport
function compileFactory(i: InjectorService) {\n  return i.get('$compile');\n}\n\nexport function parseFactory(i:
InjectorService) {\n  return i.get('$parse');\n}\n\nexport const angular1Providers = [\n  // We must use exported

```

named functions for the ng2 factories to keep the compiler happy:\n // > Metadata collected contains an error that will be reported at runtime:\n // > Function calls are not supported.\n // > Consider replacing the function or lambda with a reference to an exported function\n {provide: '\$injector', useFactory: injectorFactory, deps: []},\n {provide: '\$rootScope', useFactory: rootScopeFactory, deps: ['\$injector']},\n {provide: '\$compile', useFactory: compileFactory, deps: ['\$injector']},\n {provide: '\$parse', useFactory: parseFactory, deps: ['\$injector']}\n};\n";\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\nimport {Injector, ÉµNOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR as NOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR} from '@angular/core';\n\nexport class NgAdapterInjector implements Injector {\n constructor(private modInjector: Injector) {}\n // When Angular locate a service in the component injector tree, the not found value is set to\n // `NOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR`. In such a case we should not walk up to the module\n // injector.\n // AngularJS only supports a single tree and should always check the module injector.\n get(token: any, notFoundValue?: any): any {\n if (notFoundValue === NOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR) {\n return notFoundValue;\n }\n return this.modInjector.get(token, notFoundValue);\n }\n}\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\nimport {Injector, NgModuleFactory, NgModuleRef, StaticProvider} from '@angular/core';\nimport {platformBrowser} from '@angular/platform-browser';\nimport {IInjectorService, IProvideService, module_ as angularModule} from '../src/common/src/angular1';\nimport {\$INJECTOR, \$PROVIDE, DOWNGRADED_MODULE_COUNT_KEY, INJECTOR_KEY, LAZY_MODULE_REF, UPGRADE_APP_TYPE_KEY, UPGRADE_MODULE_NAME} from '../src/common/src/constants';\nimport {LazyModuleRef, UpgradeAppType, getDowngradedModuleCount, isFunction} from '../src/common/src/util';\nimport {angular1Providers, setTempInjectorRef} from './angular1_providers';\nimport {NgAdapterInjector} from './util';\n\nlet moduleId = 0;\n\n/**\n * @description\n * A helper function for creating an AngularJS module that can bootstrap an Angular module\n * "on-demand" (possibly lazily) when a {@link DowngradeComponent} needs to be\n * instantiated.\n * Part of the [upgrade/static](api?query=upgrade/static) library for hybrid upgrade apps that\n * support AOT compilation.\n * It allows loading/bootstrapping the Angular part of a hybrid application lazily and not having to\n * pay the cost up-front. For example, you can have an AngularJS application that uses Angular for\n * specific routes and only instantiate the Angular modules if/when the user visits one of these\n * routes.\n * The Angular module will be bootstrapped once (when requested for the first time) and the same\n * reference will be used from that point onwards.\n * `downgradeModule()` requires either an `NgModuleFactory` or a function:\n * - `NgModuleFactory`: If you pass an `NgModuleFactory`, it will be used to instantiate a module\n * using `platformBrowser`'s {@link PlatformRef#bootstrapModuleFactory bootstrapModuleFactory()}. \n * - `Function`: If you pass a function, it is expected to return a promise resolving to an\n * `NgModuleRef`. The function is called with an array of extra {@link StaticProvider} Providers\n * that are expected to be available from the returned `NgModuleRef`'s `Injector`.\n * `downgradeModule()` returns the name of the created AngularJS wrapper module. You can use it to\n * declare a dependency in your main AngularJS module.\n * @example\n * upgrade/static/ts/lite/module.ts region="basic-how-to"\n * For more details on how to use `downgradeModule()` see [Upgrading for Performance](guide/upgrade-performance).\n * @usageNotes\n * Apart from `UpgradeModule`, you can use the rest of the `upgrade/static` helpers as usual to\n * build a hybrid application. Note that the Angular pieces (e.g. downgraded services) will not be\n * available until the downgraded module has been bootstrapped, i.e. by instantiating a downgraded\n * component.\n * <div class="alert is-important">\n * You cannot use `downgradeModule()` and `UpgradeModule` in the same hybrid application.\n * Use one or the other.\n * </div>\n * ### Differences with `UpgradeModule`\n * Besides their different API, there are two important internal differences between\n * `downgradeModule()` and `UpgradeModule` that affect the behavior of hybrid applications:\n * 1. Unlike `UpgradeModule`,

`downgradeModule()` does not bootstrap the main AngularJS module inside the `{ @link NgZone Angular zone}`.

2. Unlike `UpgradeModule`, `downgradeModule()` does not automatically run `$digest()` ([https://docs.angularjs.org/api/ng/type/\\$rootScope.Scope#\\$digest](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest)) when changes are detected in the Angular part of the application. What this means is that applications using `UpgradeModule` will run change detection more frequently in order to ensure that both frameworks are properly notified about possible changes. This will inevitably result in more change detection runs than necessary.

`downgradeModule()`, on the other side, does not try to tie the two change detection systems as tightly, restricting the explicit change detection runs only to cases where it knows it is necessary (e.g. when the inputs of a downgraded component change). This improves performance, especially in change-detection-heavy applications, but leaves it up to the developer to manually notify each framework as needed.

For a more detailed discussion of the differences and their implications, see [\[Upgrading for Performance\]\(guide/upgrade-performance\)](#).

You can manually trigger a change detection run in AngularJS using `[scope.$apply(...)]` ([https://docs.angularjs.org/api/ng/type/\\$rootScope.Scope#\\$apply](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$apply)) or `[$rootScope.$digest()]` ([https://docs.angularjs.org/api/ng/type/\\$rootScope.Scope#\\$digest](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest)).

You can manually trigger a change detection run in Angular using `{ @link NgZone#run ngZone.run(...)}`.

Downgrading multiple modules

It is possible to downgrade multiple modules and include them in an AngularJS application. In that case, each downgraded module will be bootstrapped when an associated downgraded component or injectable needs to be instantiated.

Things to keep in mind, when downgrading multiple modules:

- Each downgraded component/injectable needs to be explicitly associated with a downgraded module. See `downgradeComponent()` and `downgradeInjectable()` for more details.
- If you want some injectables to be shared among all downgraded modules, you can provide them as `StaticProvider`'s, when creating the `PlatformRef` (e.g. via `platformBrowser` or `platformBrowserDynamic`).
- When using `{ @link PlatformRef#bootstrapmodule bootstrapModule() }` or `{ @link PlatformRef#bootstrapmodulefactory bootstrapModuleFactory() }` to bootstrap the downgraded modules, each one is considered a `"root"` module. As a consequence, a new instance will be created for every injectable provided in `"root"` (via `{ @link Injectable#providedIn providedIn }`).

If this is not your intention, you can have a shared module (that will act as the `"root"` module) and create all downgraded modules using that module's injector:

```
@example upgrade/static/ts/lite-multi-shared/module.ts
region="shared-root-module"
@publicApi
export function downgradeModule<T>(
  moduleFactoryOrBootstrapFn: NgModuleFactory<T> |
    ((extraProviders: StaticProvider[]) =>
      Promise<NgModuleRef<T>>): string {
  const lazyModuleName =
    `${UPGRADE_MODULE_NAME}.lazy${++moduleId}`;
  const lazyModuleRefKey =
    `${LAZY_MODULE_REF}${lazyModuleName}`;
  const lazyInjectorKey =
    `${INJECTOR_KEY}${lazyModuleName}`;
  const bootstrapFn = isFunction(moduleFactoryOrBootstrapFn)
    ? moduleFactoryOrBootstrapFn :
      (extraProviders: StaticProvider[]) =>
        platformBrowser(extraProviders).bootstrapModuleFactory(
          moduleFactoryOrBootstrapFn);
  let injector;
  // Create an ng1 module to bootstrap.
  angularModule(lazyModuleName, [])
    .constant(UPGRADE_APP_TYPE_KEY, UpgradeAppType.Lite)
    .factory(INJECTOR_KEY, [lazyInjectorKey, identity])
    .factory(lazyInjectorKey, () => {
      if (!injector) {
        throw new Error(
          'Trying to get the Angular injector before bootstrapping the corresponding ' +
          'Angular module.');
```

```
      }
      return injector;
    })
    .factory(LAZY_MODULE_REF, [lazyModuleRefKey, identity])
    .factory(lazyModuleRefKey, [
      $INJECTOR,
      ($injector: IInjectorService) => {
        setTempInjectorRef($injector);
        const result: LazyModuleRef = {
          promise: bootstrapFn(angular1Providers).then(
            ref => {
              injector = result.injector = new
                NgAdapterInjector(ref.injector);
              injector.get($INJECTOR);
              return injector;
            })
          };
        return result;
      })
    ].config([
      $INJECTOR, $PROVIDE,
      ($injector: IInjectorService, $provide: IProvideService) => {
        $provide.constant(DOWNGRADED_MODULE_COUNT_KEY,
          getDowngradedModuleCount($injector) + 1);
```

```

    });\n\n    return lazyModuleName;\n\n\nfunction identity<T = any>(x: T): T {\n    return x;\n}\n\n"/**\n *
@license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nimport { ElementRef,
Injector, SimpleChanges } from '@angular/core';\n\nimport { DirectiveRequireProperty, IAugmentedJQuery,
ICloneAttachFunction, ICompileService, IController, IControllerService, IDirective, IHttpBackendService,
IInjectorService, ILinkFn, IScope, ITemplateCacheService, SingleOrListOrMap, element as angularElement } from
'./angular1';\n\nimport { $COMPILE, $CONTROLLER, $HTTP_BACKEND, $INJECTOR, $TEMPLATE_CACHE }
from './constants';\n\nimport { controllerKey, directiveNormalize, isFunction } from './util';\n\n\n// Constants\nconst
REQUIRE_PREFIX_RE = /^(\\|\\^|\\^?)?(\\|?)?(\\|\\^|\\^?)?;/\n\n// Interfaces\nexport interface IBindingDestination {\n
[key: string]: any;\n    $onChanges?: (changes: SimpleChanges) => void;\n}\n\nexport interface IControllerInstance
extends IBindingDestination {\n    $doCheck?: () => void;\n    $onDestroy?: () => void;\n    $onInit?: () => void;\n
$postLink?: () => void;\n}\n\n// Classes\nexport class UpgradeHelper {\n    public readonly $injector:
IInjectorService;\n    public readonly element: Element;\n    public readonly $element: IAugmentedJQuery;\n    public
readonly directive: IDirective;\n\n    private readonly $compile: ICompileService;\n    private readonly $controller:
IControllerService;\n\n    constructor(\n        private injector: Injector, private name: string, elementRef: ElementRef,\n        directive?: IDirective) {\n        this.$injector = injector.get($INJECTOR);\n        this.$compile =
this.$injector.get($COMPILE);\n        this.$controller = this.$injector.get($CONTROLLER);\n\n        this.element =
elementRef.nativeElement;\n        this.$element = angularElement(this.element);\n        this.directive = directive ||
UpgradeHelper.getDirective(this.$injector, name);\n    }\n\n    static getDirective($injector: IInjectorService, name:
string): IDirective {\n        const directives: IDirective[] = $injector.get(name + 'Directive');\n        if (directives.length >
1) {\n            throw new Error(`Only support single directive definition for: ${name}`);\n        }\n        const directive =
directives[0];\n\n        // AngularJS will transform `link: xyz` to `compile: () => xyz`. So we can only tell there was a\n
// user-defined `compile` if there is no `link`. In other cases, we will just ignore `compile`.\n        if (directive.compile
&& !directive.link) notSupported(name, 'compile');\n        if (directive.replace) notSupported(name, 'replace');\n        if
(directive.terminal) notSupported(name, 'terminal');\n\n        return directive;\n    }\n\n    static getTemplate(\n
$injector: IInjectorService, directive: IDirective, fetchRemoteTemplate = false,\n        $element?:
IAugmentedJQuery): string|Promise<string> {\n        if (directive.template !== undefined) {\n            return
getOrCall<string>(directive.template, $element);\n        } else if (directive.templateUrl) {\n            const $templateCache =
$injector.get($TEMPLATE_CACHE) as ITemplateCacheService;\n            const url =
getOrCall<string>(directive.templateUrl, $element);\n            const template = $templateCache.get(url);\n\n            if
(template !== undefined) {\n                return template;\n            } else if (!fetchRemoteTemplate) {\n                throw new
Error('loading directive templates asynchronously is not supported');\n            }\n\n            return new Promise((resolve,
reject) => {\n                const $httpBackend = $injector.get($HTTP_BACKEND) as IHttpBackendService;\n
$httpBackend('GET', url, null, (status: number, response: string) => {\n                    if (status === 200) {\n
                        resolve($templateCache.put(url, response));\n                    } else {\n                        reject(`GET component template from '${url}'
returned '${status}: ${response}'`);\n                    }\n                });\n            } else {\n                throw new Error(`Directive
'${directive.name}' is not a component, it is missing template.`);\n            }\n        }\n\n        buildController(controllerType:
IController, $scope: IScope) {\n            // TODO: Document that we do not pre-assign bindings on the controller
instance.\n            // Quoted properties below so that this code can be optimized with Closure Compiler.\n            const locals =
{'$scope': $scope, '$element': this.$element};\n            const controller = this.$controller(controllerType, locals, null,
this.directive.controllerAs);\n\n            this.$element.data !(controllerKey(this.directive.name !), controller);\n\n            return
controller;\n        }\n\n        compileTemplate(template?: string): ILinkFn {\n            if (template === undefined) {\n                template
= UpgradeHelper.getTemplate(this.$injector, this.directive, false, this.$element) as string;\n            }\n\n            return
this.compileHtml(template);\n        }\n\n        onDestroy($scope: IScope, controllerInstance?: any) {\n            if
(controllerInstance && isFunction(controllerInstance.$onDestroy)) {\n                controllerInstance.$onDestroy();\n            }\n
            $scope.$destroy();\n\n            // Clean the jQuery/jqLite data on the component+child elements.\n            // Equivalent to how
jQuery/jqLite invoke `cleanData` on an Element (this.element)\n            //
https://github.com/jquery/jquery/blob/e743cbd28553267f955f71ea7248377915613fd9/src/manipulation.js#L223\n

```

```

// https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/jqLite.js#L306-
L312\n // `cleanData` will invoke the AngularJS `$destroy` DOM event\n //
https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/Angular.js#L1911-
L1924\n angularElement.cleanData([this.element]);\n
angularElement.cleanData(this.element.querySelectorAll('*'));\n\n prepareTransclusion(): ILinkFn|undefined
{\n  const transclude = this.directive.transclude;\n  const contentChildNodes = this.extractChildNodes();\n  const
attachChildrenFn: ILinkFn = (scope, cloneAttachFn) => {\n    // Since AngularJS v1.5.8, `cloneAttachFn` will try
to destroy the transclusion scope if\n    // `$template` is empty. Since the transcluded content comes from Angular,
not AngularJS,\n    // there will be no transclusion scope here.\n    // Provide a dummy `scope.$destroy()` method
to prevent `cloneAttachFn` from throwing.\n    scope = scope || {$destroy: () => undefined};\n    return
cloneAttachFn !($template, scope);\n  };\n  let $template = contentChildNodes;\n\n  if (transclude) {\n    const
slots = Object.create(null);\n\n    if (typeof transclude === 'object') {\n      $template = [];\n\n      const slotMap =
Object.create(null);\n      const filledSlots = Object.create(null);\n\n      // Parse the element selectors.\n
Object.keys(transclude).forEach(slotName => {\n        let selector = transclude[slotName];\n        const optional =
selector.charAt(0) === '?';\n        selector = optional ? selector.substring(1) : selector;\n\n        slotMap[selector] =
slotName;\n        slots[slotName] = null; // `null`: Defined but not yet filled.\n        filledSlots[slotName] =
optional; // Consider optional slots as filled.\n      });\n\n      // Add the matching elements into their slot.\n
contentChildNodes.forEach(node => {\n        const slotName =
slotMap[directiveNormalize(node.nodeName.toLowerCase())];\n        if (slotName) {\n
filledSlots[slotName] = true;\n        slots[slotName] = slots[slotName] || [];\n        slots[slotName].push(node);\n
        } else {\n          $template.push(node);\n        }\n      });\n\n      // Check for required slots that were not
filled.\n      Object.keys(filledSlots).forEach(slotName => {\n        if (!filledSlots[slotName]) {\n          throw
new Error(`Required transclusion slot '${slotName}' on directive: ${this.name}`);\n        }\n      });\n\n      Object.keys(slots).filter(slotName => slots[slotName]).forEach(slotName => {\n        const nodes =
slots[slotName];\n        slots[slotName] = (scope: IScope, cloneAttach: ICloneAttachFunction) => {\n          return
cloneAttach !(nodes, scope);\n        };\n      });\n\n      // Attach `$$slots` to default slot transclude fn.\n
attachChildrenFn.$$slots = slots;\n\n      // AngularJS v1.6+ ignores empty or whitespace-only transcluded text
nodes. But Angular\n      // removes all text content after the first interpolation and updates it later, after\n      //
evaluating the expressions. This would result in AngularJS failing to recognize text\n      // nodes that start with an
interpolation as transcluded content and use the fallback\n      // content instead.\n      // To avoid this issue, we add
a\n      // [zero-width non-joiner character](https://en.wikipedia.org/wiki/Zero-width_non-joiner)\n      // to empty
text nodes (which can only be a result of Angular removing their initial content).\n      // NOTE: Transcluded text
content that starts with whitespace followed by an interpolation\n      // will still fail to be detected by AngularJS
v1.6+\n      $template.forEach(node => {\n        if (node.nodeType === Node.TEXT_NODE && !node.nodeValue)\n
{\n          node.nodeValue = '\\u200C';\n        }\n      });\n\n      return attachChildrenFn;\n    }\n\n    resolveAndBindRequiredControllers(controllerInstance: IControllerInstance|null) {\n      const directiveRequire =
this.getDirectiveRequire();\n      const requiredControllers = this.resolveRequire(directiveRequire);\n\n      if
(controllerInstance && this.directive.bindToController && isMap(directiveRequire)) {\n        const
requiredControllersMap = requiredControllers as {[key: string]: IControllerInstance};\n
Object.keys(requiredControllersMap).forEach(key => {\n          controllerInstance[key] =
requiredControllersMap[key];\n        });\n      }\n\n      return requiredControllers;\n    }\n\n    private compileHtml(html:
string): ILinkFn {\n      this.element.innerHTML = html;\n      return this.$compile(this.element.childNodes);\n    }\n\n    private extractChildNodes(): Node[] {\n      const childNodes: Node[] = [];\n      let childNode: Node|null;\n\n      while
(childNode = this.element.firstChild) {\n        this.element.removeChild(childNode);\n
childNodes.push(childNode);\n      }\n\n      return childNodes;\n    }\n\n    private getDirectiveRequire():
DirectiveRequireProperty {\n      const require = this.directive.require || (this.directive.controller &&
this.directive.name) !;\n\n      if (isMap(require)) {\n        Object.keys(require).forEach(key => {\n          const value =
require[key];\n          const match = value.match(REQUIRE_PREFIX_RE) !;\n          const name =

```

```

value.substring(match[0].length);\n\n    if (!name) {\n        require[key] = match[0] + key;\n    }\n}\n\n    return require;\n}\n\nprivate resolveRequire(require: DirectiveRequireProperty, controllerInstance?:\nany):\n    SingleOrListOrMap<IControllerInstance>|null {\n    if (!require) {\n        return null;\n    } else if\n(Array.isArray(require)) {\n        return require.map(req => this.resolveRequire(req));\n    } else if (typeof require\n=== 'object') {\n        const value: {[key: string]: IControllerInstance} = {};\n        Object.keys(require).forEach(key =>\nvalue[key] = this.resolveRequire(require[key]));\n        return value;\n    } else if (typeof require === 'string') {\n        const match = require.match(REQUIRE_PREFIX_RE) !;\n        const inheritType = match[1] || match[3];\n        const name = require.substring(match[0].length);\n        const isOptional = !!match[2];\n        const searchParents =\n!!inheritType;\n        const startOnParent = inheritType === '^';\n        const ctrlKey = controllerKey(name);\n        const elem = startOnParent ? this.$element.parent !(): this.$element;\n        const value = searchParents ?\n        elem.inheritedData !(ctrlKey) : elem.data !(ctrlKey);\n\n        if (!value && !isOptional) {\n            throw new Error(\n                `Unable to find required '${require}' in upgraded directive '${this.name}'.`);\n        }\n        return value;\n    }\n    else {\n        throw new Error(\n            `Unrecognized 'require' syntax on upgraded directive '${this.name}':\n            ${require}`);\n    }\n}\n\nfunction getOrCall<T>(property: T | Function, ...args: any[]): T {\n    return\n    isFunction(property) ? property(...args) : property;\n}\n\n// NOTE: Only works for `typeof T !== 'object'.\nfunction\nisMap<T>(value: SingleOrListOrMap<T>): value is {[key: string]: T} {\n    return value && !Array.isArray(value)\n    && typeof value === 'object';\n}\n\nfunction notSupported(name: string, feature: string) {\n    throw new\n    Error(`Upgraded directive '${name}' contains unsupported feature: '${feature}'.`);\n}\n\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that\n * can be\n * found in the LICENSE file at https://angular.io/license\n */\nimport { DoCheck, ElementRef,\n    EventEmitter, Injector, OnChanges, OnDestroy, OnInit, SimpleChanges, É\nlooseIdentical as looseIdentical } from\n '@angular/core';\nimport { IAttributes, IAugmentedJQuery, IDirective, IDirectivePrePost, IInjectorService,\n    ILinkFn, IScope, ITranscludeFunction } from '././src/common/src/angular1';\nimport { $SCOPE } from\n '././src/common/src/constants';\nimport { IBindingDestination, IControllerInstance, UpgradeHelper } from\n '././src/common/src/upgrade_helper';\nimport { isFunction } from '././src/common/src/util';\n\nconst\nNOT_SUPPORTED: any = 'NOT_SUPPORTED';\nconst INITIAL_VALUE = {\n    __UNINITIALIZED__:\n    true\n};\n\nclass Bindings {\n    twoWayBoundProperties: string[] = [];\n    twoWayBoundLastValues: any[] = [];\n    expressionBoundProperties: string[] = [];\n\n    propertyToOutputMap: {[propName: string]: string} =\n    {};\n}\n\n/**\n * @description\n * A helper class that allows an AngularJS component to be used from\n * Angular.\n * Part of the [upgrade/static](api?query=upgrade%2Fstatic)\n * library for hybrid upgrade apps that\n * support AOT compilation.\n * This helper class should be used as a base class for creating Angular directives\n * that wrap AngularJS components that need to be \"upgraded\".\n * @usageNotes\n * ### Examples\n * Let's assume that you have an AngularJS component called `ng1Hero` that needs\n * to be made available in\n * Angular templates.\n * { @example upgrade/static/ts/full/module.ts region=\"ng1-hero\" }\n * We must create\n * a `Directive` that will make this AngularJS component\n * available inside Angular templates.\n * { @example\n * upgrade/static/ts/full/module.ts region=\"ng1-hero-wrapper\" }\n * In this example you can see that we must\n * derive from the `UpgradeComponent`\n * base class but also provide an { @link Directive `@Directive` } decorator.\n * This is\n * because the AOT compiler requires that this information is statically available at\n * compile time.\n * Note that we must do the following:\n * * specify the directive's selector (`ng1-hero`)\n * * specify all inputs and\n * outputs that the AngularJS component expects\n * * derive from `UpgradeComponent`\n * * call the base class from\n * the constructor, passing\n * * the AngularJS name of the component (`ng1Hero`)\n * * the `ElementRef` and\n * `Injector` for the component wrapper\n * @publicApi\n */\nexport class UpgradeComponent implements\n    OnInit, OnChanges, DoCheck, OnDestroy {\n    private helper: UpgradeHelper;\n\n    private $injector:\n    IInjectorService;\n\n    private element: Element;\n    private $element: IAugmentedJQuery;\n    private\n    $componentScope: IScope;\n\n    private directive: IDirective;\n    private bindings: Bindings;\n\n    //\n    TODO(issue/24571): remove '!'.\n    private controllerInstance !: IControllerInstance;\n    // TODO(issue/24571):\n    remove '!'.\n    private bindingDestination !: IBindingDestination;\n\n    // We will be instantiating the controller in the\n    `ngOnInit` hook, when the\n    // first `ngOnChanges` will have been already triggered. We store the\n
```

```

`SimpleChanges` and `play them back` later.\n // TODO(issue/24571): remove '!.\n private pendingChanges !:
SimpleChanges | null;\n\n // TODO(issue/24571): remove '!.\n private unregisterDoCheckWatcher !: Function;\n\n
/**\n * Create a new `UpgradeComponent` instance. You should not normally need to do this.\n * Instead you
should derive a new class from this one and call the super constructor\n * from the base class.\n *\n *
{@example upgrade/static/ts/full/module.ts region=`ng1-hero-wrapper`} \n *\n * * The `name` parameter
should be the name of the AngularJS directive.\n * * The `elementRef` and `injector` parameters should be
acquired from Angular by dependency\n * injection into the base class constructor.\n */\n constructor(private
name: string, private elementRef: ElementRef, private injector: Injector) {\n this.helper = new
UpgradeHelper(injector, name, elementRef);\n\n this.$injector = this.helper.$injector;\n\n this.element =
this.helper.element;\n this.$element = this.helper.$element;\n\n this.directive = this.helper.directive;\n
this.bindings = this.initializeBindings(this.directive);\n\n // We ask for the AngularJS scope from the Angular
injector, since\n // we will put the new component scope onto the new injector for each component\n const
$parentScope = injector.get($SCOPE);\n // QUESTION 1: Should we create an isolated scope if the scope is only
true?\n // QUESTION 2: Should we make the scope accessible through `$element.scope()/isolateScope()`?\n
this.$componentScope = $parentScope.$new(!this.directive.scope);\n\n this.initializeOutputs();\n }\n\n
ngOnInit() {\n // Collect contents, insert and compile template\n const attachChildNodes: ILinkFn|undefined =
this.helper.prepareTransclusion();\n const linkFn = this.helper.compileTemplate();\n\n // Instantiate controller\n
const controllerType = this.directive.controller;\n const bindToController = this.directive.bindToController;\n
if (controllerType) {\n this.controllerInstance = this.helper.buildController(controllerType,
this.$componentScope);\n } else if (bindToController) {\n throw new Error(\n `Upgraded directive
`${this.directive.name}` specifies 'bindToController' but no controller.`);\n }\n\n // Set up outputs\n
this.bindingDestination = bindToController ? this.controllerInstance : this.$componentScope;\n
this.bindOutputs();\n\n // Require other controllers\n const requiredControllers =\n
this.helper.resolveAndBindRequiredControllers(this.controllerInstance);\n\n // Hook: $onChanges\n if
(this.pendingChanges) {\n this.forwardChanges(this.pendingChanges);\n this.pendingChanges = null;\n
}\n\n // Hook: $onInit\n if (this.controllerInstance && isFunction(this.controllerInstance.$onInit)) {\n
this.controllerInstance.$onInit();\n }\n\n // Hook: $doCheck\n if (this.controllerInstance &&
isFunction(this.controllerInstance.$doCheck)) {\n const callDoCheck = () => this.controllerInstance.$doCheck
!();\n this.unregisterDoCheckWatcher = this.$componentScope.$parent.$watch(callDoCheck);\n
callDoCheck();\n }\n\n // Linking\n const link = this.directive.link;\n const preLink = typeof link == 'object'
&& link.pre;\n const postLink = typeof link == 'object' ? link.post : link;\n const attrs: IAttributes =
NOT_SUPPORTED;\n const transcludeFn: ITranscludeFunction = NOT_SUPPORTED;\n if (preLink) {\n
preLink(this.$componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n }\n\n
linkFn(this.$componentScope, null !, {parentBoundTranscludeFn: attachChildNodes});\n\n if (postLink) {\n
postLink(this.$componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n }\n\n // Hook:
$postLink\n if (this.controllerInstance && isFunction(this.controllerInstance.$postLink)) {\n
this.controllerInstance.$postLink();\n }\n }\n\n ngOnChanges(changes: SimpleChanges) {\n if
(!this.bindingDestination) {\n this.pendingChanges = changes;\n } else {\n this.forwardChanges(changes);\n
}\n }\n\n ngDoCheck() {\n const twoWayBoundProperties = this.bindings.twoWayBoundProperties;\n const
twoWayBoundLastValues = this.bindings.twoWayBoundLastValues;\n const propertyToOutputMap =
this.bindings.propertyToOutputMap;\n\n twoWayBoundProperties.forEach((propName, idx) => {\n const
newValue = this.bindingDestination[propName];\n const oldValue = twoWayBoundLastValues[idx];\n\n if
(!looseIdentical(newValue, oldValue)) {\n const outputName = propertyToOutputMap[propName];\n const
eventEmitter: EventEmitter<any> = (this as any)[outputName];\n\n eventEmitter.emit(newValue);\n
twoWayBoundLastValues[idx] = newValue;\n }\n });\n }\n\n ngOnDestroy() {\n if
(isFunction(this.unregisterDoCheckWatcher)) {\n this.unregisterDoCheckWatcher();\n }\n\n
this.helper.onDestroy(this.$componentScope, this.controllerInstance);\n }\n\n private initializeBindings(directive:
IDirective) {\n const btcIsObject = typeof directive.bindToController === 'object';\n if (btcIsObject &&

```



```

Object.keys(directive.scope !).length) {\n    throw new Error(\n        `Binding definitions on scope and controller
at the same time is not supported.`);\n    }\n\n    const context = btcIsObject ? directive.bindToController :
directive.scope;\n    const bindings = new Bindings();\n\n    if (typeof context === 'object') {\n
Object.keys(context).forEach(propName => {\n        const definition = context[propName];\n        const
bindingType = definition.charAt(0);\n\n        // QUESTION: What about `=*`? Ignore? Throw? Support?\n\n
switch (bindingType) {\n            case '@':\n                case '<':\n                    // We don't need to do anything special. They will
be defined as inputs on the\n                    // upgraded component facade and the change propagation will be handled by\n
                // `ngOnChanges`. \n                break;\n            case '=':\n
bindings.twoWayBoundProperties.push(propName);\n
bindings.twoWayBoundLastValues.push(INITIAL_VALUE);\n                bindings.propertyToOutputMap[propName]
= propName + 'Change';\n                break;\n            case '&':\n
bindings.expressionBoundProperties.push(propName);\n                bindings.propertyToOutputMap[propName] =
propName;\n                break;\n            default:\n                let json = JSON.stringify(context);\n                throw new Error(\n
                    `Unexpected mapping '${bindingType}' in '${json}' in '${this.name}' directive.`);\n                }\n        });\n    }\n\n    return bindings;\n    }\n\n    private initializeOutputs() {\n        // Initialize the outputs for `=` and `&` bindings\n
this.bindings.twoWayBoundProperties.concat(this.bindings.expressionBoundProperties)\n        .forEach(propName
=> {\n            const outputName = this.bindings.propertyToOutputMap[propName];\n            (this as
any)[outputName] = new EventEmitter();\n            });\n    }\n\n    private bindOutputs() {\n        // Bind `&` bindings to the
corresponding outputs\n        this.bindings.expressionBoundProperties.forEach(propName => {\n            const outputName
= this.bindings.propertyToOutputMap[propName];\n            const emitter = (this as any)[outputName];\n\n
this.bindingDestination[propName] = (value: any) => emitter.emit(value);\n            });\n        }\n\n    private
forwardChanges(changes: SimpleChanges) {\n        // Forward input changes to `bindingDestination`\n
Object.keys(changes).forEach(\n            propName => this.bindingDestination[propName] =
changes[propName].currentValue);\n\n        if (isFunction(this.bindingDestination.$onChanges)) {\n
this.bindingDestination.$onChanges(changes);\n        }\n    }\n\n    }\n\n    }\n\n    "\n"}\n\n    @license\n    * Copyright Google Inc. All
Rights Reserved.\n    *\n    * Use of this source code is governed by an MIT-style license that can be\n    * found in the
LICENSE file at https://angular.io/license\n    *\n\n    import {Injector, NgModule, NgZone, Testability, isDevMode}
from '@angular/core';\n    import {IInjectorService, IIntervalService, IProvideService, ITestabilityService, bootstrap,
element as angularElement, module_ as angularModule} from '../src/common/src/angular1';\n    import
{$$TESTABILITY, $$DELEGATE, $$INJECTOR, $$INTERVAL, $$PROVIDE, INJECTOR_KEY,
LAZY_MODULE_REF, UPGRADE_APP_TYPE_KEY, UPGRADE_MODULE_NAME} from
'../src/common/src/constants';\n    import {LazyModuleRef, UpgradeAppType, controllerKey} from
'../src/common/src/util';\n    import {angular1Providers, setTempInjectorRef} from './angular1_providers';\n    import
{NgAdapterInjector} from './util';\n\n    /**\n     * @description\n     * An `NgModule`, which you import to provide
AngularJS core services,\n     * and has an instance method used to bootstrap the hybrid upgrade application.\n     *\n     *
*Part of the [upgrade/static](api?query=upgrade/static)\n     * library for hybrid upgrade apps that support AOT
compilation*\n     *\n     * The `upgrade/static` package contains helpers that allow AngularJS and Angular components\n
     * to be used together inside a hybrid upgrade application, which supports AOT compilation.\n     *\n     * Specifically, the
classes and functions in the `upgrade/static` module allow the following:\n     *\n     * 1. Creation of an Angular directive
that wraps and exposes an AngularJS component so\n     * that it can be used in an Angular template. See
`UpgradeComponent`.\n     * 2. Creation of an AngularJS directive that wraps and exposes an Angular component so\n
     * that it can be used in an AngularJS template. See `downgradeComponent`.\n     * 3. Creation of an Angular root
injector provider that wraps and exposes an AngularJS\n     * service so that it can be injected into an Angular
context. See\n     * {@link UpgradeModule#upgrading-an-angular-1-service Upgrading an AngularJS service}
below.\n     * 4. Creation of an AngularJS service that wraps and exposes an Angular injectable\n     * so that it can be
injected into an AngularJS context. See `downgradeInjectable`.\n     * 3. Bootstrapping of a hybrid Angular application
which contains both of the frameworks\n     * coexisting in a single application.\n     *\n     * @usageNotes\n     * ```ts\n
     * import {UpgradeModule} from '@angular/upgrade/static';\n     * ```\n     *\n     * See also the {@link

```

UpgradeModule#examples examples } below.

Mental Model

When reasoning about how a hybrid application works it is useful to have a mental model which describes what is happening and explains what is happening at the lowest level.

1. There are two independent frameworks running in a single application, each framework treats the other as a black box.
2. Each DOM element on the page is owned exactly by one framework. Whichever framework instantiated the element is the owner. Each framework only updates/interacts with its own DOM elements and ignores others.
3. AngularJS directives always execute inside the AngularJS framework codebase regardless of where they are instantiated.
4. Angular components always execute inside the Angular framework codebase regardless of where they are instantiated.
5. An AngularJS component can be "upgraded" to an Angular component. This is achieved by defining an Angular directive, which bootstraps the AngularJS component at its location in the DOM. See `UpgradeComponent`.
6. An Angular component can be "downgraded" to an AngularJS component. This is achieved by defining an AngularJS directive, which bootstraps the Angular component at its location in the DOM. See `downgradeComponent`.
7. Whenever an "upgraded"/"downgraded" component is instantiated the host element is owned by the framework doing the instantiation. The other framework then instantiates and owns the view for that component.

1. This implies that the component bindings will always follow the semantics of the instantiation framework.
2. The DOM attributes are parsed by the framework that owns the current template. So attributes in AngularJS templates must use kebab-case, while AngularJS templates must use camelCase.
3. However the template binding syntax will always use the Angular style, e.g. square brackets (`[...]`) for property binding.
4. Angular is bootstrapped first; AngularJS is bootstrapped second. AngularJS always owns the root component of the application.
5. The new application is running in an Angular zone, and therefore it no longer needs calls to `$apply()`.

The `UpgradeModule` class

This class is an `NgModule`, which you import to provide AngularJS core services, and has an instance method used to bootstrap the hybrid upgrade application.

Core AngularJS services

Importing this `NgModule` will add providers for the core [AngularJS services](https://docs.angularjs.org/api/ng/service) to the root injector.

Bootstrap

The runtime instance of this class contains a `bootstrap()` method, which you use to bootstrap the top level AngularJS module onto an element in the DOM for the hybrid upgrade app.

It also contains properties to access the `root injector`, the `bootstrap NgZone` and the `[AngularJS $injector](https://docs.angularjs.org/api/auto/service/$injector)`.

Examples

Import the `UpgradeModule` into your top level `{ @link NgModule Angular NgModule }`.

`{ @example upgrade/static/ts/full/module.ts region='ng2-module' }`

Then inject `UpgradeModule` into your Angular `NgModule` and use it to bootstrap the top level [AngularJS module](https://docs.angularjs.org/api/ng/type/angular.Module) in the `ngDoBootstrap()` method.

`{ @example upgrade/static/ts/full/module.ts region='bootstrap-ng1' }`

Finally, kick off the whole process, by bootstrapping your top level Angular `NgModule`.

`{ @example upgrade/static/ts/full/module.ts region='bootstrap-ng2' }`

`{ @a upgrading-an-angular-1-service }`

Upgrading an AngularJS service

There is no specific API for upgrading an AngularJS service. Instead you should just follow the following recipe:

Let's say you have an AngularJS service:

`{ @example upgrade/static/ts/full/module.ts region='ng1-text-formatter-service' }`

Then you should define an Angular provider to be included in your `NgModule` `providers` property.

`{ @example upgrade/static/ts/full/module.ts region='upgrade-ng1-service' }`

Then you can use the "upgraded" AngularJS service by injecting it into an Angular component or service.

`{ @example upgrade/static/ts/full/module.ts region='use-ng1-upgraded-service' }`

```

@publicApi
@NgModule({
  providers: [angularProviders]
})
export class UpgradeModule {
  /**
   * The AngularJS $injector for the upgrade application.
   */
  public $injector: any /*angular.IInjectorService*/;
  /**
   * The Angular Injector
   */
  public injector: Injector;
  /**
   * The root Injector for the upgrade application.
   */
  public bootstrapZone: NgZone;
  /**
   * Bootstrap an AngularJS application from this NgModule
   * @param element the element on which to bootstrap the AngularJS

```

```

application\n * @param [modules] the AngularJS modules to bootstrap for this application\n * @param [config]
optional extra AngularJS bootstrap configuration\n */\n bootstrap(\n   element: Element, modules: string[] = [],
config?: any /*angular.IAngularBootstrapConfig*/) {\n   const INIT_MODULE_NAME =
UPGRADE_MODULE_NAME + '.init';\n\n   // Create an ng1 module to bootstrap\n   const initModule =\nangularModule(INIT_MODULE_NAME, [])\n     .constant(UPGRADE_APP_TYPE_KEY,
UpgradeAppType.Static)\n     .value(INJECTOR_KEY, this.injector)\n     .factory(\nLAZY_MODULE_REF,\n   [INJECTOR_KEY, (injector: Injector) => ({ injector } as
LazyModuleRef)])\n     .config([\n   $PROVIDE, $INJECTOR,\n   ($provide: IProvideService,
$Iinjector: IInjectorService) => {\n     if ($injector.has($$TESTABILITY)) {\n
$provide.decorator($$TESTABILITY, [\n       $DELEGATE,\n       (testabilityDelegate:
ITestabilityService) => {\n         const originalWhenStable: Function = testabilityDelegate.whenStable;\n
         const injector = this.injector;\n         // Cannot use arrow function below because we need the
context\n         const newWhenStable = function(callback: Function) {\n
originalWhenStable.call(testabilityDelegate, function() {\n           const ng2Testability: Testability =
injector.get(Testability);\n           if (ng2Testability.isStable()) {\n             callback();\n
           } else {\n             ng2Testability.whenStable(\n
newWhenStable.bind(testabilityDelegate, callback));\n           });\n           });\n           });\n\n
testabilityDelegate.whenStable = newWhenStable;\n           return testabilityDelegate;\n
         });\n       });\n     };\n     if ($injector.has($INTERVAL)) {\n
$provide.decorator($INTERVAL, [\n       $DELEGATE,\n       (intervalDelegate: IIntervalService)
=> {\n         // Wrap the $interval service so that setInterval is called outside NgZone,\n         // but
the callback is still invoked within it. This is so that $interval\n         // won't block stability, which preserves
the behavior from AngularJS.\n         let wrappedInterval =\n           (fn: Function, delay: number,
count?: number, invokeApply?: boolean,\n           ...pass: any[]) => {\n             return
this.ngZone.runOutsideAngular(() => {\n               return intervalDelegate(...args: any[]) => {\n
// Run callback in the next VM turn - $interval calls\n               // $rootScope.$apply, and running
the callback in NgZone will\n               // cause a '$digest already in progress' error if it's in the\n
// same vm turn.\n               setTimeout(() => { this.ngZone.run(() => fn(...args)); });\n
             }, delay, count, invokeApply, ...pass);\n             });\n             });\n\n
(wrappedInterval as any)['cancel'] = intervalDelegate.cancel;\n           return wrappedInterval;\n
         });\n       });\n     });\n     .run([\n       $INJECTOR,\n       ($injector:
IInjectorService) => {\n         this.$injector = $injector;\n         // Initialize the ng1 $injector provider\n
         setTempInjectorRef($injector);\n         this.injector.get($INJECTOR);\n         // Put the injector on
the DOM, so that it can be \"required\"\n         angularElement(element).data
!(controllerKey(INJECTOR_KEY), this.injector);\n         // Wire up the ng1 rootScope to run a digest cycle
whenever the zone settles\n         // We need to do this in the next tick so that we don't prevent the bootup\n
         // stabilizing\n         setTimeout(() => {\n           const $rootScope = $injector.get('$rootScope');\n
           const subscription = this.ngZone.onMicrotaskEmpty.subscribe(() => {\n             if ($rootScope.$$phase) {\n
             if (isDevMode()) {\n               console.warn(\n                 'A digest was triggered while one
was already in progress. This may mean that something is triggering digests outside the Angular zone.);\n
             }\n             return $rootScope.$evalAsync();\n           });\n           return $rootScope.$digest();\n
         });\n         $rootScope.$on('$destroy', () => { subscription.unsubscribe(); });\n
         }, 0);\n     });\n   });\n   const upgradeModule = angularModule(UPGRADE_MODULE_NAME,
[INIT_MODULE_NAME].concat(modules));\n   // Make sure resumeBootstrap() only exists if the current
bootstrap is deferred\n   const windowAngular = (window as any)['angular'];\n   windowAngular.resumeBootstrap
= undefined;\n   // Bootstrap the AngularJS application inside our zone\n   this.ngZone.run(() => {\n
bootstrap(element, [upgradeModule.name], config); });\n   // Patch resumeBootstrap() to run inside the ngZone\n
if (windowAngular.resumeBootstrap) {\n     const originalResumeBootstrap: () => void =

```

```
windowAngular.resumeBootstrap;\n  const ngZone = this.ngZone;\n  windowAngular.resumeBootstrap =  
function() {\n  let args = arguments;\n  windowAngular.resumeBootstrap = originalResumeBootstrap;\n  return ngZone.run(() => windowAngular.resumeBootstrap.apply(this, args));\n  };\n  }\n  }\n  }\n  }", "/*\n *  
@license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-  
style license that can be\n * found in the LICENSE file at https://angular.io/license\n */>\n\nexport  
{getAngularJSGlobal, getAngularLib, setAngularJSGlobal, setAngularLib} from  
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'./src/common/src/downgrade_component';\nexport {downgradeInjectable} from  
'./src/common/src/downgrade_injectable';\nexport {VERSION} from './src/common/src/version';\nexport  
{downgradeModule} from './src/downgrade_module';\nexport {UpgradeComponent} from  
'./src/upgrade_component';\nexport {UpgradeModule} from './src/upgrade_module';\n\n// This file only re-exports  
items to appear in the public api. Keep it that way.\n", "/*\n * @license\n * Copyright Google Inc. All Rights  
Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in the  
LICENSE file at https://angular.io/license\n */>\n\n// This file is not used to build this module. It is only used during  
editing\n// by the TypeScript language service and during build for verification. `ngc`\n// replaces this file with  
production index.ts when it rewrites private symbol\n// names.\n\nexport * from './public_api';\n", "/*\n * Generated  
bundle index. Do not edit.\n */\n\nexport * from './index';\n\nexport {angular1Providers as  
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Éµangular_packages_upgrade_static_static_c, injectorFactory as  
Éµangular_packages_upgrade_static_static_a, parseFactory as  
Éµangular_packages_upgrade_static_static_d, rootScopeFactory as Éµangular_packages_upgrade_static_static_b}  
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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1047774535_1591199783.98/0/angular-upgrade-9-0-7-src-zip/bundles/upgrade-static.umd.js.map

No license file was found, but licenses were detected in source scan.

{"version":3,"file":"static__testing.js","sources":["../../../../../packages/upgrade/src/common/src/angular1.ts","../../..

```

../../../../../packages/upgrade/src/common/src/constants.ts";"../../../../../packages/upgrade/static/testing/src/create_angular_testing_module.ts";"../../../../../packages/upgrade/static/testing/src/create_angularjs_testing_module.ts";"../../../../../packages/upgrade/static/testing/testing.ts"),"sourcesContent":["/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nexport type Ng1Token = string;\n\nexport type Ng1Expression = string | Function;\n\nexport interface IAnnotatedFunction extends Function {\n // Older versions of `@types/angular` typings extend the global `Function` interface with\n // `inject?: string[]`, which is not compatible with `inject?: ReadonlyArray<string>` (used in\n // latest versions).\n inject?: Function\n extends{inject?: string[]}? Ng1Token[]: ReadonlyArray<Ng1Token>;\n\n\nexport type Iinjectable = (Ng1Token | Function)[] | IAnnotatedFunction;\n\nexport type SingleOrListOrMap<T> = T | T[] | {[key: string]: T};\n\nexport interface IModule {\n name: string;\n requires: (string|Iinjectable)[];\n config(fn: Iinjectable): IModule;\n directive(selector: string, factory: Iinjectable): IModule;\n component(selector: string, component: IComponent): IModule;\n controller(name: string, type: Iinjectable): IModule;\n factory(key: Ng1Token, factoryFn: Iinjectable): IModule;\n value(key: Ng1Token, value: any): IModule;\n constant(token: Ng1Token, value: any): IModule;\n run(a: Iinjectable): IModule;\n\n\nexport interface ICompileService {\n (element: Element|NodeList|Node[])string, transclude?: Function): ILinkFn;\n\n\nexport interface ILinkFn {\n (scope: IScope, cloneAttachFn?: ICloneAttachFunction, options?: ILinkFnOptions): IAugmentedJQuery;\n $$slots?: {[slotName: string]: ILinkFn};\n\n\nexport interface ILinkFnOptions {\n parentBoundTranscludeFn?: Function;\n transcludeControllers?: {[key: string]: any};\n futureParentElement?: Node;\n\n\nexport interface IRootScopeService {\n $new(isolate?: boolean): IScope;\n $id: string;\n $parent: IScope;\n $root: IScope;\n $watch(exp: Ng1Expression, fn?: (a1?: any, a2?: any) => void): Function;\n $on(event: string, fn?: (event?: any, ...args: any[]) => void): Function;\n $destroy(): any;\n $apply(exp?: Ng1Expression): any;\n $digest(): any;\n $evalAsync(exp: Ng1Expression, locals?: any): void;\n $on(event: string, fn?: (event?: any, ...args: any[]) => void): Function;\n $$childTail: IScope;\n $$childHead: IScope;\n $$nextSibling: IScope;\n [key: string]: any;\n\n\nexport interface IScope extends IRootScopeService {\n\n\nexport interface IAngularBootstrapConfig { strictDi?: boolean; }\n\nexport interface IDirective {\n compile?: IDirectiveCompileFn;\n controller?: IController;\n controllerAs?: string;\n bindToController?: boolean|{[key: string]: string};\n link?: IDirectiveLinkFn|IDirectivePrePost;\n name?: string;\n priority?: number;\n replace?: boolean;\n require?: DirectiveRequireProperty;\n restrict?: string;\n scope?: boolean|{[key: string]: string};\n template?: string|Function;\n templateUrl?: string|Function;\n templateNamespace?: string;\n terminal?: boolean;\n transclude?: DirectiveTranscludeProperty;\n\n\nexport type DirectiveRequireProperty = SingleOrListOrMap<string>;\n\nexport type DirectiveTranscludeProperty = boolean | 'element' | {[key: string]: string};\n\nexport interface IDirectiveCompileFn {\n (templateElement: IAugmentedJQuery, templateAttributes: IAttributes,\n transclude: ITranscludeFunction): IDirectivePrePost;\n\n\nexport interface IDirectivePrePost {\n pre?: IDirectiveLinkFn;\n post?: IDirectiveLinkFn;\n\n\nexport interface IDirectiveLinkFn {\n (scope: IScope, instanceElement: IAugmentedJQuery, instanceAttributes: IAttributes,\n controller: any, transclude: ITranscludeFunction): void;\n\n\nexport interface IComponent {\n bindings?: {[key: string]: string};\n controller?: string|Iinjectable;\n controllerAs?: string;\n require?: DirectiveRequireProperty;\n template?: string|Function;\n templateUrl?: string|Function;\n transclude?: DirectiveTranscludeProperty;\n\n\nexport interface IAttributes {\n $observe(attr: string, fn: (v: string) => void): void;\n [key: string]: any;\n\n\nexport interface ITranscludeFunction {\n // If the scope is provided, then the cloneAttachFn must be as well.\n (scope: IScope, cloneAttachFn: ICloneAttachFunction): IAugmentedJQuery;\n // If one argument is provided, then it's assumed to be the cloneAttachFn.\n (cloneAttachFn?: ICloneAttachFunction): IAugmentedJQuery;\n\n\nexport interface ICloneAttachFunction {\n (clonedElement: IAugmentedJQuery, scope: IScope): any; }\n\nexport type IAugmentedJQuery = Node[] & {\n on?: (name: string, fn: () => void) => void;\n data?: (name: string, value?: any) => any;\n text?: () => string;\n inheritedData?: (name: string, value?: any) => any;\n contents?: () => IAugmentedJQuery;\n parent?: () => IAugmentedJQuery;\n empty?: () => void;\n append?: (content: IAugmentedJQuery | string) => IAugmentedJQuery;\n controller?: (name: string) => any;\n isolateScope?: () => IScope;\n injector?: () => IInjectorService;\n triggerHandler?: (eventTypeOrObject: string |

```

```

Event, extraParameters?: any[]) => IAugmentedJQuery;\n remove?: () => void;\n removeData?: () =>
void;\n};\n\nexport interface IProvider { $get: IInjectable; }\n\nexport interface IProvideService {\n provider(token:
Ng1Token, provider: IProvider): IProvider;\n factory(token: Ng1Token, factory: IInjectable): IProvider;\n
service(token: Ng1Token, type: IInjectable): IProvider;\n value(token: Ng1Token, value: any): IProvider;\n
constant(token: Ng1Token, value: any): void;\n decorator(token: Ng1Token, factory: IInjectable): void;\n}\n\nexport
interface IParseService { (expression: string): ICompiledExpression; }\n\nexport interface ICompiledExpression {\n
(context: any, locals: any): any;\n assign?: (context: any, value: any) => any;\n}\n\nexport interface
IHttpBackendService {\n (method: string, url: string, post?: any, callback?: Function, headers?: any, timeout?:
number,\n withCredentials?: boolean): void;\n}\n\nexport interface ICacheObject {\n put<T>(key: string, value?: T):
T;\n get(key: string): any;\n}\n\nexport interface ITemplateCacheService extends ICacheObject {}\n\nexport interface
ITemplateRequestService {\n (template: string|any /* TrustedResourceUrl */, ignoreRequestError?: boolean):
Promise<string>;\n totalPendingRequests: number;\n}\n\nexport type IController = string | IInjectable;\n\nexport
interface IControllerService {\n (controllerConstructor: IController, locals?: any, later?: any, ident?: any): any;\n
(controllerName: string, locals?: any): any;\n}\n\nexport interface IInjectorService {\n get(key: string): any;\n
has(key: string): boolean;\n}\n\nexport interface IIntervalService {\n (func: Function, delay: number, count?:
number, invokeApply?: boolean,\n ...args: any[]): Promise<any>;\n cancel(promise: Promise<any>):
boolean;\n}\n\nexport interface ITestabilityService {\n findBindings(element: Element, expression: string,
opt_exactMatch?: boolean): Element[];\n findModels(element: Element, expression: string, opt_exactMatch?:
boolean): Element[];\n getLocation(): string;\n setLocation(url: string): void;\n whenStable(callback: Function):
void;\n}\n\nexport interface INgModelController {\n $render(): void;\n $isEmpty(value: any): boolean;\n
$setValidity(validationErrorKey: string, isValid: boolean): void;\n $setPristine(): void;\n $setDirty(): void;\n
$setUntouched(): void;\n $setTouched(): void;\n $rollbackViewValue(): void;\n $validate(): void;\n
$commitViewValue(): void;\n $setViewValue(value: any, trigger: string): void;\n\n $viewValue: any;\n
$modelValue: any;\n $parsers: Function[];\n $formatters: Function[];\n $validators: {[key: string]: Function};\n
$sasyncValidators: {[key: string]: Function};\n $viewChangeListeners: Function[];\n $error: Object;\n $pending:
Object;\n $untouched: boolean;\n $touched: boolean;\n $pristine: boolean;\n $dirty: boolean;\n $valid: boolean;\n
$invalid: boolean;\n $name: string;\n}\n\nfunction noNg(): never {\n throw new Error('AngularJS v1.x is not
loaded!');\n}\n\nconst noNgElement: typeof angular.element = ((() => noNg()) as any);\nnoNgElement.cleanData =
noNg;\n\nlet angular: {\n bootstrap: (e: Element, modules: (string | IInjectable)[], config?:
IAngularBootstrapConfig) =>\n\n IInjectorService,\n module: (prefix: string, dependencies?: string[]) =>
IModule,\n element: {\n (e: string | Element | Document | IAugmentedJQuery): IAugmentedJQuery;\n
cleanData: (nodes: Node[] | NodeList) => void;\n },\n injector: (modules: Array<string|IInjectable>, strictDi?:
boolean) => IInjectorService,\n version: {major: number},\n resumeBootstrap: () => void,\n getTestability: (e:
Element) => ITestabilityService\n } = {\n bootstrap: noNg,\n module: noNg,\n element: noNgElement,\n injector:
noNg,\n version: undefined as any,\n resumeBootstrap: noNg,\n getTestability: noNg\n};\n\nntry {\n if
(window.hasOwnProperty('angular')) {\n angular = (<any>window).angular;\n }\n } catch {\n // ignore in CJS
mode.\n}\n\n/**\n * @deprecated Use `setAngularJSGlobal` instead.\n *\n * @publicApi\n */\n\nexport function
setAngularLib(ng: any): void {\n setAngularJSGlobal(ng);\n}\n\n/**\n * @deprecated Use `getAngularJSGlobal`
instead.\n *\n * @publicApi\n */\n\nexport function getAngularLib(): any {\n return
getAngularJSGlobal();\n}\n\n/**\n * Resets the AngularJS global.\n *\n * Used when AngularJS is loaded lazily,
and not available on `window`.\n *\n * @publicApi\n */\n\nexport function setAngularJSGlobal(ng: any): void {\n
angular = ng;\n}\n\n/**\n * Returns the current AngularJS global.\n *\n * @publicApi\n */\n\nexport function
getAngularJSGlobal(): any {\n return angular;\n}\n\nexport const bootstrap: typeof angular.bootstrap = (e, modules,
config?) =>\n\n angular.bootstrap(e, modules, config);\n\n// Do not declare as `module` to avoid webpack bug\n//
(see https://github.com/angular/angular/issues/30050).\n\nexport const module_: typeof angular.module = (prefix,
dependencies?) =>\n\n angular.module(prefix, dependencies);\n\nexport const element: typeof angular.element = (e
=> angular.element(e)) as typeof angular.element;\n\nexport const injector: typeof angular.injector =\n\n (modules:

```

```

Array<string|Injectable>, strictDi?: boolean) => angular.injector(modules, strictDi);\n\nexport const
resumeBootstrap: typeof angular.resumeBootstrap = () => angular.resumeBootstrap();\n\nexport const
getTestability: typeof angular.getTestability = e => angular.getTestability(e);\n", "/*\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\n\nexport const $COMPILE = '$compile';\nexport const
$CONTROLLER = '$controller';\nexport const $DELEGATE = '$delegate';\nexport const
$EXCEPTION_HANDLER = '$exceptionHandler';\nexport const $HTTP_BACKEND = '$httpBackend';\nexport
const $INJECTOR = '$injector';\nexport const $INTERVAL = '$interval';\nexport const $PARSE = '$parse';\nexport
const $PROVIDE = '$provide';\nexport const $ROOT_SCOPE = '$rootScope';\nexport const $$SCOPE =
$scope';\nexport const $TEMPLATE_CACHE = '$templateCache';\nexport const $TEMPLATE_REQUEST =
$templateRequest';\n\nexport const $$TESTABILITY = '$$testability';\n\nexport const COMPILER_KEY =
$$angularCompiler';\nexport const DOWNGRADED_MODULE_COUNT_KEY =
$$angularDowngradedModuleCount';\nexport const GROUP_PROJECTABLE_NODES_KEY =
$$angularGroupProjectableNodes';\nexport const INJECTOR_KEY = $$angularInjector';\nexport const
LAZY_MODULE_REF = $$angularLazyModuleRef';\nexport const NG_ZONE_KEY =
$$angularNgZone';\nexport const UPGRADE_APP_TYPE_KEY = $$angularUpgradeAppType';\n\nexport const
REQUIRE_INJECTOR = '?^^' + INJECTOR_KEY;\nexport const REQUIRE_NG_MODEL =
'?ngModel';\n\nexport const UPGRADE_MODULE_NAME = '$$UpgradeModule';\n", "/*\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport {Injector, NgModule, Type} from
'@angular/core';\n\nimport * as angular from '../././src/common/src/angular1';\nimport { $INJECTOR,
INJECTOR_KEY, UPGRADE_APP_TYPE_KEY } from '../././src/common/src/constants';\nimport
{UpgradeAppType} from '../././src/common/src/util';\n\nlet $injector: angular.IInjectorService|null = null;\n\nlet
injector: Injector;\n\nexport function $injectorFactory() {\n  return $injector;\n}\n\n@NgModule({providers:
[provide: $INJECTOR, useFactory: $injectorFactory]}])\nexport class AngularTestingModule {\n  constructor(i:
Injector) { injector = i; }\n}\n\n/**\n * A helper function to use when unit testing Angular services that depend upon
upgraded AngularJS\n * services.\n * This function returns an `NgModule` decorated class that is configured to
wire up the Angular\n * and AngularJS injectors without the need to actually bootstrap a hybrid application.\n *
This makes it simpler and faster to unit test services.\n * Use the returned class as an `import` when
configuring the ` TestBed`.\n * In the following code snippet, we are configuring the TestBed with two
imports.\n * The `Ng2AppModule` is the Angular part of our hybrid application and the `ng1AppModule` is the\n *
AngularJS part.\n * <code-example path="upgrade/static/ts/full/module.spec.ts" region="angular-setup"></code-example>\n * Once this is done we can get hold of services via the Angular `Injector` as
normal.\n * Services that are (or have dependencies on) an upgraded AngularJS service, will be instantiated\n * as
needed by the AngularJS `injector`.\n * In the following code snippet, `HeroesService` is an Angular service
that depends upon an\n * AngularJS service, `titleCase`.\n * <code-example
path="upgrade/static/ts/full/module.spec.ts" region="angular-spec"></code-example>\n * <div class="alert
is-important">\n * This helper is for testing services not Components.\n * For Component testing you must still
bootstrap a hybrid app. See `UpgradeModule` or\n * `downgradeModule` for more information.\n * </div>\n *
<div class="alert is-important">\n * The resulting configuration does not wire up AngularJS digests to Zone
hooks. It is the\n * responsibility of the test writer to call `$rootScope.$apply`, as necessary, to trigger\n *
AngularJS handlers of async events from Angular.\n * </div>\n * <div class="alert is-important">\n * The helper
sets up global variables to hold the shared Angular and AngularJS injectors.\n * * Only call this helper once per
spec.\n * * Do not use `createAngularTestingModule` in the same spec as `createAngularJSTestingModule`.\n *
</div>\n * Here is the example application and its unit tests that use `createAngularTestingModule` and
`createAngularJSTestingModule`.\n * <code-tabs>\n * <code-pane header="module.spec.ts"\n *
path="upgrade/static/ts/full/module.spec.ts"></code-pane>\n * <code-pane header="module.ts"\n *
path="upgrade/static/ts/full/module.ts"></code-pane>\n * </code-tabs>\n * @param angularJSMODULES a

```

collection of the names of AngularJS modules to include in the configuration. @param [strictDi] whether the AngularJS injector should have `strictDI` enabled. @publicApi\n * @next function

```
createAngularTestingModule(angularJSModules: string[], strictDi?: boolean): Type<any> {\n
angular.module_('$angularJSTestingModule', angularJSModules)\n
.constant(UPGRADE_APP_TYPE_KEY,\n
UpgradeAppType.Static)\n
.factory(INJECTOR_KEY, () => injector);\n
$injector = angular.injector(['ng',\n
'$angularJSTestingModule'], strictDi);\n
return AngularTestingModule;\n
}\n
",/**\n * @license\n * Copyright\n * Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n
import {Injector} from '@angular/core';\n
import\n * { TestBed } from '@angular/core/testing';\n
import\n * as ng from '../src/common/src/angular1';\n
import\n * {\n
$INJECTOR, INJECTOR_KEY, UPGRADE_APP_TYPE_KEY\n
} from '../src/common/src/constants';\n
import\n * {\n
UpgradeAppType\n
} from '../src/common/src/util';\n
}\n
/**\n * A helper function to use when unit testing\n * AngularJS services that depend upon downgraded Angular\n * services.\n * This function returns an AngularJS\n * module that is configured to wire up the AngularJS and Angular\n * injectors without the need to actually bootstrap\n * a hybrid application.\n * This makes it simpler and faster to unit test services.\n * Use the returned AngularJS\n * module in a call to\n *
```

```
[angular.mocks.module`](https://docs.angularjs.org/api/ngMock/function/angular.mock.module) to\n * include this\n * module in the unit test injector.\n * In the following code snippet, we are configuring the `injector`\n * with two\n * modules:\n * The AngularJS `ng1AppModule`, which is the AngularJS part of our hybrid application and the\n * `Ng2AppModule`, which is the Angular part.\n * <code-example path="upgrade/static/ts/full/module.spec.ts"\n * region="angularjs-setup"></code-example>\n * Once this is done we can get hold of services via the\n * AngularJS `injector` as normal.\n * Services that are (or have dependencies on) a downgraded Angular service,\n * will be instantiated as\n * needed by the Angular root `Injector`.\n * In the following code snippet,\n * `heroesService` is a downgraded Angular service that we are\n * accessing from AngularJS.\n * <code-example\n * path="upgrade/static/ts/full/module.spec.ts"\n * region="angularjs-spec"></code-example>\n * <div\n * class="alert is-important">\n * This helper is for testing services not components.\n * For Component testing\n * you must still bootstrap a hybrid app. See `UpgradeModule` or\n * `downgradeModule` for more information.\n * </div>\n * <div class="alert is-important">\n * The resulting configuration does not wire up AngularJS\n * digests to Zone hooks. It is the\n * responsibility of the test writer to call `rootScope.$apply`, as necessary, to\n * trigger\n * AngularJS handlers of async events from Angular.\n * </div>\n * <div class="alert is-\n * important">\n * The helper sets up global variables to hold the shared Angular and AngularJS injectors.\n * Only call this helper once per spec.\n * Do not use `createAngularJSTestingModule` in the same spec as\n * `createAngularTestingModule`.\n * </div>\n * Here is the example application and its unit tests that use\n * `createAngularTestingModule`\n * and `createAngularJSTestingModule`.\n * <code-tabs>\n * <code-pane\n * header="module.spec.ts" path="upgrade/static/ts/full/module.spec.ts"></code-pane>\n * <code-pane\n * header="module.ts" path="upgrade/static/ts/full/module.ts"></code-pane>\n * </code-tabs>\n * @param\n * angularModules a collection of Angular modules to include in the configuration.\n * @publicApi\n * @next
```

```
function createAngularJSTestingModule(angularModules: any[]): string {\n
return\n
ng.module_('$angularJSTestingModule', [])\n
.constant(UPGRADE_APP_TYPE_KEY,\n
UpgradeAppType.Static)\n
.factory(\n
INJECTOR_KEY,\n
[\n
$INJECTOR,\n
($injector: ng.IInjectorService) => {\n
TestBed.configureTestingModule({\n
imports:\n
angularModules,\n
providers: [{provide: $INJECTOR, useValue: $injector}]\n
});\n
return\n
TestBed.inject(Injector);\n
})\n
).name;\n
}\n
",/**\n * Generated bundle index. Do not edit.\n */\n
export\n * from './index';\n
export\n * { module_as_Éangular_packages_upgrade_static_testing_testing_a } from\n * '../src/common/src/angular1';\n
export\n * { INJECTOR_KEY as\n * Éangular_packages_upgrade_static_testing_testing_d, UPGRADE_APP_TYPE_KEY as\n * Éangular_packages_upgrade_static_testing_testing_b } from\n * '../src/common/src/constants';\n
export\n * {\n
UpgradeAppType as Éangular_packages_upgrade_static_testing_testing_c\n
} from\n * '../src/common/src/util';\n
},\n
"names": ["injector", "angular.module_", "angular.injector", "ng.module_", "mappings": "];
```

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}

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1047774535_1591199783.98/0/angular-upgrade-9-0-7-src-
zip/fesm2015/static/testing.js.map

No license file was found, but licenses were detected in source scan.

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AAmB7K,GACnB6B,EAAM7G,SAASKf,IAAIjC,GAEnBID,EAAQyZ,GAAWIK,KAAK9K,EAACpB,GAAeyD,E
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AAQC,EAakBC,GACChkB,EAaMbmW,EAaO/W,kBAC9B+W,EAaOpW,gBAAGBC,GACvBmW,EAaOpU,Y
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R,EAaiB,QAAI,CAACqE,GACfrE;;;;;QA2gCXC,EAaQsf,gBAP0BR,SAASA,GAAgBC,GACrB,IAQIpe,EARA
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+BO,WaO+BP,SAAU+B,EAaW+U,GACjBA,EAASD,SAAS3W,EAa6B4B,EAaYBC,GAAa,MAGtFqZ,GA2xB
Xxf,EAaQ4B,mBAaQBA,EAC7B5B,EAaQ+f,cA3/DR,SAASA,KACL,OAAOne,KA2/DX5B,EAaQ2B,mBAaQ
BA,EAC7B3B,EAaQggB,cArgER,SAASA,GAac1f,GACnBqB,EAaMBrB,IAqgEvBN,EAaQigB,0CAA4ChP,E
ACpDjR,EAaQkgB,0CAA4ChP,EACpDIR,EAaQmgB,0CAA4ChP,EACpDnR,EAaQogB,0CAA4ChP,EACpDp
R,EAaQqgB,0CAA4ChP,EAepDhP,OAAOob,eAAezd,EAAS,aAAc,CAAE4D,OAAO","sourcesContent":["/**\n
 * @license Angular v9.0.7\n * (c) 2010-2020 Google LLC. https://angular.io\n * License: MIT\n * (function
(global, factory) {\n typeof exports === 'object' && typeof module !== 'undefined' ? factory(exports,
 require('@angular/core'), require('@angular/platform-browser')) :\n typeof define === 'function' && define.amd ?
 define('@angular/upgrade/static', ['exports', '@angular/core', '@angular/platform-browser'], factory) :\n (global =
 global || self, factory((global.ng = global.ng || {}), global.ng.upgrade = global.ng.upgrade || {}),
 global.ng.upgrade.static = {}), global.ng.core, global.ng.platformBrowser));\n}(this, (function (exports, core,
platformBrowser) { 'use strict';\n\n /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n *\n function noNg() {\n throw new Error('AngularJS v1.x is not loaded!');\n }\n var noNgElement = (function () { return noNg(); });\n noNgElement.cleanData = noNg;\n var angular =
 {\n bootstrap: noNg,\n module: noNg,\n element: noNgElement,\n injector: noNg,\n version:
 undefined,\n resumeBootstrap: noNg,\n getTestability: noNg\n };\n try {\n if
(window.hasOwnProperty('angular')) {\n angular = window.angular;\n }\n } catch (_a) {\n //
ignore in CJS mode.\n }\n /**\n * @deprecated Use `setAngularJSGlobal` instead.\n *\n * @publicApi\n

```

    */\n function setAngularLib(ng) {\n setAngularJSGlobal(ng);\n }\n /**\n * @deprecated Use
`getAngularJSGlobal` instead.\n *\n * @publicApi\n */\n function getAngularLib() {\n return
getAngularJSGlobal();\n }\n /**\n * Resets the AngularJS global.\n *\n * Used when AngularJS is
loaded lazily, and not available on `window`.\n *\n * @publicApi\n */\n function setAngularJSGlobal(ng)
{\n angular = ng;\n }\n /**\n * Returns the current AngularJS global.\n *\n * @publicApi\n */\n
function getAngularJSGlobal() {\n return angular;\n }\n var bootstrap = function (e, modules, config) {\n
return angular.bootstrap(e, modules, config);\n }; \n // Do not declare as `module` to avoid webpack bug\n //
(see https://github.com/angular/angular/issues/30050).\n var module_ = function (prefix, dependencies) {\n
return angular.module(prefix, dependencies);\n }; \n var element = (function (e) { return angular.element(e); });\n
element.cleanData = function (nodes) { return angular.element.cleanData(nodes); }; \n var injector = function
(modules, strictDi) { return angular.injector(modules, strictDi); }; \n var resumeBootstrap = function () { return
angular.resumeBootstrap(); }; \n var getTestability = function (e) { return angular.getTestability(e); }; \n\n /*!
*****\r\n Copyright (c)
Microsoft Corporation. All rights reserved.\r\n Licensed under the Apache License, Version 2.0 (the "License");
you may not use\r\n this file except in compliance with the License. You may obtain a copy of the\r\n License at
http://www.apache.org/licenses/LICENSE-2.0\r\n\r\n THIS CODE IS PROVIDED ON AN *AS IS* BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY\r\n KIND, EITHER EXPRESS OR IMPLIED,
INCLUDING WITHOUT LIMITATION ANY IMPLIED\r\n WARRANTIES OR CONDITIONS OF TITLE,
FITNESS FOR A PARTICULAR PURPOSE,\r\n MERCHANTABILITY OR NON-INFRINGEMENT.\r\n\r\n See the Apache Version 2.0 License for specific language governing permissions\r\n and limitations under the
License.\r\n ***** */\r\n
/* global Reflect, Promise */\r\n\r\n var extendStatics = function(d, b) {\r\n extendStatics =
Object.setPrototypeOf ||\r\n ( __proto__: [] ) instanceof Array && function (d, b) { d.__proto__ = b; } ||\r\n
function (d, b) { for (var p in b) if (b.hasOwnProperty(p)) d[p] = b[p]; }; \r\n return extendStatics(d, b);\r\n
};\r\n\r\n function __extends(d, b) {\r\n extendStatics(d, b);\r\n function __() { this.constructor = d; }\r\n
d.prototype = b === null ? Object.create(b) : ( __.prototype = b.prototype, new __());\r\n }\r\n\r\n var __assign
= function() {\r\n __assign = Object.assign || function __assign(t) {\r\n for (var s, i = 1, n =
arguments.length; i < n; i++) {\r\n s = arguments[i];\r\n for (var p in s) if
(Object.prototype.hasOwnProperty.call(s, p)) t[p] = s[p];\r\n }\r\n return t;\r\n }; \r\n return
__assign.apply(this, arguments);\r\n }; \r\n\r\n function __rest(s, e) {\r\n var t = {};\r\n for (var p in s) if
(Object.prototype.hasOwnProperty.call(s, p) && e.indexOf(p) < 0)\r\n t[p] = s[p]; \r\n if (s != null &&
typeof Object.getPrototypeOf === "function")\r\n for (var i = 0, p =
Object.getPrototypeOf(s); i < p.length; i++) {\r\n if (e.indexOf(p[i]) < 0 &&
Object.prototype.propertyIsEnumerable.call(s, p[i]))\r\n t[p[i]] = s[p[i]]; \r\n }\r\n return t;\r\n
}\r\n\r\n function __decorate(decorators, target, key, desc) {\r\n var c = arguments.length, r = c < 3 ? target :
desc === null ? desc = Object.getOwnPropertyDescriptor(target, key) : desc, d;\r\n if (typeof Reflect ===
"object" && typeof Reflect.decorate === "function") r = Reflect.decorate(decorators, target, key, desc);\r\n
else for (var i = decorators.length - 1; i >= 0; i--) if (d = decorators[i]) r = (c < 3 ? d(r) : c > 3 ? d(target, key, r) :
d(target, key)) || r;\r\n return c > 3 && r && Object.defineProperty(target, key, r, r);\r\n }\r\n\r\n function
__param(paramIndex, decorator) {\r\n return function (target, key) { decorator(target, key, paramIndex); }\r\n
}\r\n\r\n function __metadata(metadataKey, metadataValue) {\r\n if (typeof Reflect === "object" && typeof
Reflect.metadata === "function") return Reflect.metadata(metadataKey, metadataValue);\r\n }\r\n\r\n function
__awaiter(thisArg, _arguments, P, generator) {\r\n return new (P || (P = Promise))(function (resolve, reject) {\r\n
function fulfilled(value) { try { step(generator.next(value)); } catch (e) { reject(e); } }\r\n function
rejected(value) { try { step(generator["throw"](value)); } catch (e) { reject(e); } }\r\n function step(result) {
result.done ? resolve(result.value) : new P(function (resolve) { resolve(result.value); }).then(fulfilled, rejected); }\r\n
step((generator = generator.apply(thisArg, _arguments || [])).next());\r\n });\r\n }\r\n\r\n function
__generator(thisArg, body) {\r\n var _ = { label: 0, sent: function() { if (t[0] & 1) throw t[1]; return t[1]; }, trys:

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[], ops: [] }, f, y, t, g;\r\n    return g = { next: verb(0), "throw": verb(1), "return": verb(2) }, typeof Symbol ===
"function" && (g[Symbol.iterator] = function() { return this; }, g);\r\n    function verb(n) { return function (v) {
return step([n, v]); }; }\r\n    function step(op) {\r\n        if (f) throw new TypeError("Generator is already
executing.");\r\n        while (_) try {\r\n            if (f = 1, y && (t = op[0] & 2 ? y["return"] : op[0] ?
y["throw"] || ((t = y["return"]) && t.call(y, 0) : y.next) && !(t = t.call(y, op[1])).done) return t;\r\n            if (y
= 0, t) op = [op[0] & 2, t.value];\r\n            switch (op[0]) {\r\n                case 0: case 1: t = op; break;\r\n
                case 4: _label++; return { value: op[1], done: false }; \r\n                case 5: _label++; y = op[1]; op = [0];
continue;\r\n                case 7: op = _ops.pop(); _trys.pop(); continue;\r\n                default:\r\n                    if
(! (t = _trys, t = t.length > 0 && t[t.length - 1]) && (op[0] === 6 || op[0] === 2)) { _ = 0; continue; }\r\n
                    if (op[0] === 3 && (t || (op[1] > t[0] && op[1] < t[3]))) { _label = op[1]; break; }\r\n                    if (op[0] ===
6 && _label < t[1]) { _label = t[1]; t = op; break; }\r\n                    if (t && _label < t[2]) { _label = t[2];
_ops.push(op); break; }\r\n                    if (t[2]) _ops.pop();\r\n                    _trys.pop(); continue;\r\n
                }\r\n                op = body.call(thisArg, _);\r\n            } catch (e) { op = [6, e]; y = 0; } finally { f = t = 0; }\r\n
if (op[0] & 5) throw op[1]; return { value: op[0] ? op[1] : void 0, done: true }; }\r\n    }\r\n    }\r\n    function
__exportStar(m, exports) {\r\n        for (var p in m) if (!exports.hasOwnProperty(p)) exports[p] = m[p];\r\n
    }\r\n    }\r\n    function __values(o) {\r\n        var m = typeof Symbol === "function" && o[Symbol.iterator], i = 0;\r\n
        if (m) return m.call(o);\r\n        return {\r\n            next: function () {\r\n                if (o && i >= o.length) o = void
0;\r\n                return { value: o && o[i++], done: !o }; }\r\n            }\r\n        };\r\n    }\r\n    function __read(o, n)
{\r\n        var m = typeof Symbol === "function" && o[Symbol.iterator];\r\n        if (!m) return o;\r\n        var i =
m.call(o), r, ar = [], e;\r\n        try {\r\n            while ((n === void 0 || n-- > 0) && !(r = i.next()).done)
ar.push(r.value);\r\n        }\r\n        catch (error) { e = { error: error }; }\r\n        finally {\r\n            try {\r\n
if (r && !r.done && (m = i["return"])) m.call(i);\r\n            }\r\n            finally { if (e) throw e.error; }\r\n        }\r\n
        return ar;\r\n    }\r\n    }\r\n    function __spread() {\r\n        for (var ar = [], i = 0; i < arguments.length; i++)\r\n
ar = ar.concat(__read(arguments[i]));\r\n        return ar;\r\n    }\r\n    }\r\n    function __spreadArrays() {\r\n        for (var
s = 0, i = 0, il = arguments.length; i < il; i++) s += arguments[i].length;\r\n        for (var r = Array(s), k = 0, i = 0; i <
il; i++)\r\n            for (var a = arguments[i], j = 0, jl = a.length; j < jl; j++, k++)\r\n                r[k] = a[j];\r\n
        return r;\r\n    }\r\n    }\r\n    function __await(v) {\r\n        return this instanceof __await ? (this.v = v, this) : new
__await(v);\r\n    }\r\n    }\r\n    function __asyncGenerator(thisArg, _arguments, generator) {\r\n        if
(!Symbol.asyncIterator) throw new TypeError("Symbol.asyncIterator is not defined.");\r\n        var g =
generator.apply(thisArg, _arguments || []), i, q = [];\r\n        return i = { }, verb("next"), verb("throw"),
verb("return"), i[Symbol.asyncIterator] = function () { return this; }, i;\r\n        function verb(n) { if (g[n]) i[n] =
function (v) { return new Promise(function (a, b) { q.push([n, v, a, b]) > 1 || resume(n, v); }); }; }\r\n        function
resume(n, v) { try { step(g[n](v)); } catch (e) { settle(q[0][3], e); } }\r\n        function step(r) { r.value instanceof
__await ? Promise.resolve(r.value.v).then(fulfill, reject) : settle(q[0][2], r); }\r\n        function fulfill(value) {
resume("next", value); }\r\n        function reject(value) { resume("throw", value); }\r\n        function settle(f, v) {
if (f(v), q.shift(), q.length) resume(q[0][0], q[0][1]); }\r\n    }\r\n    }\r\n    function __asyncDelegator(o) {\r\n        var i,
p;\r\n        return i = { }, verb("next"), verb("throw"), function (e) { throw e; }, verb("return"), i[Symbol.iterator]
= function () { return this; }, i;\r\n        function verb(n, f) { i[n] = o[n] ? function (v) { return (p = !p) ? { value:
__await(o[n](v)), done: n === "return" } : f ? f(v) : v; } : f; }\r\n    }\r\n    }\r\n    function __asyncValues(o) {\r\n
if (!Symbol.asyncIterator) throw new TypeError("Symbol.asyncIterator is not defined.");\r\n        var m =
o[Symbol.asyncIterator], i;\r\n        return m ? m.call(o) : (o = typeof __values === "function" ? __values(o) :
o[Symbol.iterator](), i = { }, verb("next"), verb("throw"), verb("return"), i[Symbol.asyncIterator] = function () {
return this; }, i);\r\n        function verb(n) { i[n] = o[n] && function (v) { return new Promise(function (resolve,
reject) { v = o[n](v), settle(resolve, reject, v.done, v.value); }); }; }\r\n        function settle(resolve, reject, d, v) {
Promise.resolve(v).then(function(v) { resolve({ value: v, done: d }); }, reject); }\r\n    }\r\n    }\r\n    function
__makeTemplateObject(cooked, raw) {\r\n        if (Object.defineProperty) { Object.defineProperty(cooked, "raw",
{ value: raw }); } else { cooked.raw = raw; }\r\n        return cooked;\r\n    }\r\n    }\r\n    function __importStar(mod)
{\r\n        if (mod && mod.__esModule) return mod;\r\n        var result = {};\r\n        if (mod != null) for (var k in

```

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mod) if (Object.hasOwnProperty.call(mod, k)) result[k] = mod[k];\r\n    result.default = mod;\r\n    return
result;\r\n  }\r\n\r\n  function __importDefault(mod) {\r\n    return (mod && mod.__esModule) ? mod : {
default: mod };\r\n  }\n\n  /**\n   * @license\n   * Copyright Google Inc. All Rights Reserved.\n   *\n   * Use
of this source code is governed by an MIT-style license that can be\n   * found in the LICENSE file at
https://angular.io/license\n   *\n   var $COMPILE = '$compile';\n   var $CONTROLLER = '$controller';\n   var
$DELEGATE = '$delegate';\n   var $EXCEPTION_HANDLER = '$exceptionHandler';\n   var
$http_BACKEND = '$httpBackend';\n   var $INJECTOR = '$injector';\n   var $INTERVAL = '$interval';\n   var
$PARSE = '$parse';\n   var $PROVIDE = '$provide';\n   var $ROOT_SCOPE = '$rootScope';\n   var $SCOPE =
$scope';\n   var $TEMPLATE_CACHE = '$templateCache';\n   var $TEMPLATE_REQUEST =
'$templateRequest';\n   var $$TESTABILITY = '$$testability';\n   var COMPILER_KEY = '$$angularCompiler';\n
var DOWNGRADED_MODULE_COUNT_KEY = '$$angularDowngradedModuleCount';\n   var
GROUP_PROJECTABLE_NODES_KEY = '$$angularGroupProjectableNodes';\n   var INJECTOR_KEY =
'$angularInjector';\n   var LAZY_MODULE_REF = '$$angularLazyModuleRef';\n   var NG_ZONE_KEY =
'$angularNgZone';\n   var UPGRADE_APP_TYPE_KEY = '$$angularUpgradeAppType';\n   var
REQUIRE_INJECTOR = '?^^' + INJECTOR_KEY;\n   var REQUIRE_NG_MODEL = '?ngModel';\n   var
UPGRADE_MODULE_NAME = '$$UpgradeModule';\n\n   /**\n    * @license\n    * Copyright Google Inc. All
Rights Reserved.\n    *\n    * Use of this source code is governed by an MIT-style license that can be\n    * found
in the LICENSE file at https://angular.io/license\n    *\n    /**\n     * A `PropertyBinding` represents a mapping
between a property name\n     * and an attribute name. It is parsed from a string of the form\n     * `"prop: attr"`; or
simply `"propAndAttr"` where the property\n     * and attribute have the same identifier.\n     *\n     var
PropertyBinding = /** @class */ (function () {\n     function PropertyBinding(prop, attr) {\n     this.prop =
prop;\n     this.attr = attr;\n     this.parseBinding();\n     }\n     PropertyBinding.prototype.parseBinding =
function () {\n     this.bracketAttr = `\"[\" + this.attr + \"]`;;\n     this.parenAttr = `\"(\" + this.attr + \")`;;\n
this.bracketParenAttr = `\"[(\" + this.attr + \")]`;;\n     var capitalAttr = this.attr.charAt(0).toUpperCase() +
this.attr.substr(1);\n     this.onAttr = `\"on\" + capitalAttr;`\n     this.bindAttr = `\"bind\" + capitalAttr;`\n
this.bindonAttr = `\"bindon\" + capitalAttr;`\n     };;\n     return PropertyBinding;\n     }());\n\n     /**\n      *
@license\n      * Copyright Google Inc. All Rights Reserved.\n      *\n      * Use of this source code is governed by an
MIT-style license that can be\n      * found in the LICENSE file at https://angular.io/license\n      *\n      var
DIRECTIVE_PREFIX_REGEXP = /^(?:x|data)[:-_]/i;\n      var DIRECTIVE_SPECIAL_CHARS_REGEXP = /[:\|-_]+(.)g;
function onError(e) {\n      // TODO: (misko): We seem to not have a stack trace here!\n      if
(console.error) {\n      console.error(e, e.stack);\n      }\n      else {\n      // tslint:disable-next-line:no-
console\n      console.log(e, e.stack);\n      }\n      throw e;\n      }\n      function controllerKey(name) {\n
return '$' + name + 'Controller';\n      }\n      function directiveNormalize(name) {\n      return
name.replace(DIRECTIVE_PREFIX_REGEXP, "")\n      .replace(DIRECTIVE_SPECIAL_CHARS_REGEXP,
function (_, letter) { return letter.toUpperCase(); });\n      }\n      function getTypeName(type) {\n      // Return the
name of the type or the first line of its stringified version.\n      return type.overriddenName || type.name ||
type.toString().split("\\n")[0];\n      }\n      function getDowngradedModuleCount($injector) {\n      return
$injector.has(DOWNGRADED_MODULE_COUNT_KEY) ?
$injector.get(DOWNGRADED_MODULE_COUNT_KEY) : 0;\n      }\n      function
getUpgradeAppType($injector) {\n      return $injector.has(UPGRADE_APP_TYPE_KEY) ?
$injector.get(UPGRADE_APP_TYPE_KEY) : 0 /* None */;\n      }\n      function isFunction(value) {\n
return typeof value === 'function';\n      }\n      function validateInjectionKey($injector, downgradedModule,
injectionKey, attemptedAction) {\n      var upgradeAppType = getUpgradeAppType($injector);\n      var
downgradedModuleCount = getDowngradedModuleCount($injector);\n      // Check for common errors.\n      switch (upgradeAppType) {\n      case 1 /* Dynamic */:\n      case 2 /* Static */:\n      if
(downgradedModule) {\n      throw new Error(`\"Error while \" + attemptedAction + `\": 'downgradedModule'
unexpectedly specified.\\n` +\n      'You should not specify a value for `\\`downgradedModule`, unless
you are downgrading ' +\n      'more than one Angular module (via `\\`downgradeModule()`)`);;\n

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}\n      break;\n      case 3 /* Lite */:\n          if (!downgradedModule && (downgradedModuleCount
>= 2)) {\n          throw new Error("\nError while\n" + attemptedAction + "\n": 'downgradedModule' not
specified.\n\n" +\n          "This application contains more than one downgraded Angular module, thus you
need to '\n          'always specify\n\\'downgradedModule\\' when downgrading components and
injectables.);\n          }\n          if (!$injector.has(injectionKey)) {\n          throw new Error("\nError
while\n" + attemptedAction + "\n": Unable to find the specified downgraded module.\n\n" +\n          'Did you
forget to downgrade an Angular module or include it in the AngularJS '\n          'application?');\n          }\n          break;\n          default:\n          throw new Error("\nError while\n" + attemptedAction + "\n": Not a
valid '@angular/upgrade' application.\n\n" +\n          'Did you forget to downgrade an Angular module or
include it in the AngularJS '\n          'application?');\n          }\n          }\n          var Deferred = /** @class */ (function
() {\n          function Deferred() {\n          var _this = this;\n          this.promise = new Promise(function (res, rej) {\n
          _this.resolve = res;\n          _this.reject = rej;\n          });\n          }\n          return Deferred;\n          }());\n
/**\n          * @return Whether the passed-in component implements the subset of the\n          * `ControlValueAccessor`
interface needed for AngularJS `ng-model`\n          * compatibility.\n          */\n          function
supportsNgModel(component) {\n          return typeof component.writeValue === 'function' &&\n          typeof
component.registerOnChange === 'function';\n          }\n          /**\n          * Glue the AngularJS `NgModelController` (if it
exists) to the component\n          * (if it implements the needed subset of the `ControlValueAccessor` interface).\n
          */\n          function hookupNgModel(ngModel, component) {\n          if (ngModel && supportsNgModel(component)) {\n
          ngModel.$render = function () { component.writeValue(ngModel.$viewValue); };\n          component.registerOnChange(ngModel.$setViewValue.bind(ngModel));\n          if (typeof
component.registerOnTouched === 'function') {\n          component.registerOnTouched(ngModel.$setTouched.bind(ngModel));\n          }\n          }\n          }\n          /**\n          * Test
two values for strict equality, accounting for the fact that `NaN !== NaN`.\n          */\n          function strictEquals(val1,
val2) {\n          return val1 === val2 || (val1 !== val1 && val2 !== val2);\n          }\n          }\n          /**\n          * @license\n          *
Copyright Google Inc. All Rights Reserved.\n          * Use of this source code is governed by an MIT-style
license that can be\n          * found in the LICENSE file at https://angular.io/license\n          */\n          var INITIAL_VALUE =
{\n          __UNINITIALIZED__: true\n          };\n          var DowngradeComponentAdapter = /** @class */ (function () {\n
          function DowngradeComponentAdapter(element, attrs, scope, ngModel, parentInjector, $injector, $compile,
          $parse, componentFactory, wrapCallback) {\n          this.element = element;\n          this.attrs = attrs;\n          this.scope = scope;\n          this.ngModel = ngModel;\n          this.parentInjector = parentInjector;\n          this.$injector = $injector;\n          this.$compile = $compile;\n          this.$parse = $parse;\n          this.componentFactory = componentFactory;\n          this.wrapCallback = wrapCallback;\n          this.implementsOnChanges = false;\n          this.inputChangeCount = 0;\n          this.inputChanges = {};\n          this.componentScope = scope.$new();\n          }\n          DowngradeComponentAdapter.prototype.compileContents =
function () {\n          var _this = this;\n          var compiledProjectableNodes = [];\n          var projectableNodes =
this.groupProjectableNodes();\n          var linkFns = projectableNodes.map(function (nodes) { return
          _this.$compile(nodes); });\n          this.element.empty();\n          linkFns.forEach(function (linkFn) {\n
          linkFn(_this.scope, function (clone) {\n          compiledProjectableNodes.push(clone);\n          _this.element.append(clone);\n          });\n          });\n          return compiledProjectableNodes;\n          };\n          DowngradeComponentAdapter.prototype.createComponent = function (projectableNodes) {\n          var providers
= [{ provide: $$SCOPE, useValue: this.componentScope }];\n          var childInjector = core.Injector.create({
          providers: providers, parent: this.parentInjector, name: 'DowngradeComponentAdapter' });\n          this.componentRef =\n          this.componentFactory.create(childInjector, projectableNodes, this.element[0]);\n          this.viewChangeDetector = this.componentRef.injector.get(core.ChangeDetectorRef);\n          this.changeDetector = this.componentRef.changeDetectorRef;\n          this.component =
this.componentRef.instance;\n          // testability hook is commonly added during component bootstrap in\n
          // packages/core/src/application_ref.bootstrap()\n          // in downgraded application, component creation will take
place here as well as adding the\n          // testability hook.\n          var testability =

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this.componentRef.injector.get(core.Testability, null);\n        if (testability) {\n
this.componentRef.injector.get(core.TestabilityRegistry)\n
.registerApplication(this.componentRef.location.nativeElement, testability);\n        }\n
hookupNgModel(this.ngModel, this.component);\n    };\n
DowngradeComponentAdapter.prototype.setupInputs = function (manuallyAttachView, propagateDigest) {\n
var _this = this;\n    if (propagateDigest === void 0) { propagateDigest = true; }\n    var attrs = this.attrs;\n
    var inputs = this.componentFactory.inputs || [];\n    var _loop_1 = function (i) {\n        var input =
new PropertyBinding(inputs[i].propName, inputs[i].templateName);\n        var expr = null;\n        if
(attrs.hasOwnProperty(input.attr)) {\n            var observeFn_1 = (function (prop) {\n                var
prevValue = INITIAL_VALUE;\n                return function (currValue) {\n                    // Initially, both
`$observe()` and `$watch()` will call this function.\n                    if (!strictEquals(prevValue, currValue)) {\n
                        if (prevValue === INITIAL_VALUE) {\n                            prevValue = currValue;\n
                        }\n                            _this.updateInput(prop, prevValue, currValue);\n                            prevValue =
currValue;\n                        }\n                    };\n                })(input.prop);\n
            attrs.$observe(input.attr, observeFn_1);\n            // Use `$watch()` (in addition to `$observe()`) in order to
initialize the input in time\n            // for `ngOnChanges()`. This is necessary if we are already in a `$digest`,
which means that\n            // `ngOnChanges()` (which is called by a watcher) will run before the `$observe()`
callback.\n            var unwatch_1 = this._1.componentScope.$watch(function () {\n
unwatch_1();\n                unwatch_1 = null;\n                observeFn_1(attrs[input.attr]);\n            });\n
            else if (attrs.hasOwnProperty(input.bindAttr)) {\n                expr = attrs[input.bindAttr];\n
            }\n            else if (attrs.hasOwnProperty(input.bracketAttr)) {\n                expr = attrs[input.bracketAttr];\n
            }\n            else if (attrs.hasOwnProperty(input.bindonAttr)) {\n                expr =
attrs[input.bindonAttr];\n            }\n            else if (attrs.hasOwnProperty(input.bracketParenAttr)) {\n
                expr = attrs[input.bracketParenAttr];\n            }\n            if (expr != null) {\n                var watchFn =
(function (prop) { return function (currValue, prevValue) {\n                    return _this.updateInput(prop,
prevValue, currValue);\n                }; })(input.prop);\n                this._1.componentScope.$watch(expr,
watchFn);\n            }\n            var this_1 = this;\n            for (var i = 0; i < inputs.length; i++) {\n
                _loop_1(i);\n            }\n            // Invoke `ngOnChanges()` and Change Detection (when necessary)\n            var
detectChanges = function () { return _this.changeDetector.detectChanges(); };\n            var prototype =
this.componentFactory.componentType.prototype;\n            this.implementsOnChanges = !(prototype &&
prototype.ngOnChanges);\n            this.componentScope.$watch(function () { return _this.inputChangeCount; },
this.wrapCallback(function () {\n                // Invoke `ngOnChanges()`\n                if (_this.implementsOnChanges)
{\n                    var inputChanges = _this.inputChanges;\n                    _this.inputChanges = {};\n
                    _this.component.ngOnChanges(inputChanges);\n                }\n                _this.viewChangeDetector.markForCheck();\n                // If opted out of propagating digests, invoke change
detection when inputs change.\n                if (!propagateDigest) {\n                    detectChanges();\n                }\n
            }));\n            // If not opted out of propagating digests, invoke change detection on every digest\n            if
(propagateDigest) {\n                this.componentScope.$watch(this.wrapCallback(detectChanges));\n            }\n
            // If necessary, attach the view so that it will be dirty-checked.\n            // (Allow time for the initial input values to
be set and `ngOnChanges()` to be called.)\n            if (manuallyAttachView || !propagateDigest) {\n                var
unwatch_2 = this.componentScope.$watch(function () {\n                    unwatch_2();\n                    unwatch_2 =
null;\n                    var appRef = _this.parentInjector.get(core.ApplicationRef);\n
                    appRef.attachView(_this.componentRef.hostView);\n                });\n            }\n
        }\n
DowngradeComponentAdapter.prototype.setupOutputs = function () {\n        var attrs = this.attrs;\n        var
outputs = this.componentFactory.outputs || [];\n        for (var j = 0; j < outputs.length; j++) {\n            var output
= new PropertyBinding(outputs[j].propName, outputs[j].templateName);\n            var bindonAttr =
output.bindonAttr.substring(0, output.bindonAttr.length - 6);\n            var bracketParenAttr = \"[(\" +
output.bracketParenAttr.substring(2, output.bracketParenAttr.length - 8) + \")\";\n            // order below is

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important - first update bindings then evaluate expressions\n        if (attrs.hasOwnProperty(bindonAttr)) {\n
    this.subscribeToOutput(output, attrs[bindonAttr], true);\n        }\n        if\n
(attrs.hasOwnProperty(bracketParenAttr)) {\n        this.subscribeToOutput(output, attrs[bracketParenAttr],\n
true);\n        }\n        if (attrs.hasOwnProperty(output.onAttr)) {\n
this.subscribeToOutput(output, attrs[output.onAttr]);\n        }\n        if\n
(attrs.hasOwnProperty(output.parenAttr)) {\n        this.subscribeToOutput(output, attrs[output.parenAttr]);\n
}\n    }\n};\n    DowngradeComponentAdapter.prototype.subscribeToOutput = function (output,\n
expr, isAssignment) {\n        var _this = this;\n        if (isAssignment === void 0) { isAssignment = false; }\n
        var getter = this.$parse(expr);\n        var setter = getter.assign;\n        if (isAssignment && !setter) {\n
            throw new Error("Expression \"" + expr + "\" is not assignable!");\n        }\n        var emitter =\n
this.component[output.prop];\n        if (emitter) {\n            emitter.subscribe({\n                next: isAssignment\n
? function (v) { return setter(_this.scope, v); } : function (v) { return getter(_this.scope, { '$event': v\n
}); }\n            });\n        }\n        else {\n            throw new Error("Missing emitter \"" + output.prop + "\" on\n
component \"" + getTypeName(this.componentFactory.componentType) + "\"!");\n        }\n    };\n
DowngradeComponentAdapter.prototype.registerCleanup = function () {\n        var _this = this;\n        var\n
testabilityRegistry = this.componentRef.injector.get(core.TestabilityRegistry);\n        var destroyComponentRef =\n
this.wrapCallback(function () { return _this.componentRef.destroy(); });\n        var destroyed = false;\n
this.element.on('$destroy', function () { return _this.componentScope.$destroy(); });\n
this.componentScope.$on('$destroy', function () {\n            if (!destroyed) {\n                destroyed = true;\n
                testabilityRegistry.unregisterApplication(_this.componentRef.location.nativeElement);\n
                destroyComponentRef();\n            }\n        });\n    };\n
DowngradeComponentAdapter.prototype.getInjector = function () { return this.componentRef.injector; };\n
DowngradeComponentAdapter.prototype.updateInput = function (prop, prevValue, currValue) {\n        if\n
(this.implementsOnChanges) {\n            this.inputChanges[prop] = new core.SimpleChange(prevValue,\n
currValue, prevValue === currValue);\n        }\n        this.inputChangeCount++;\n        this.component[prop]\n
= currValue;\n    };\n
DowngradeComponentAdapter.prototype.groupProjectableNodes = function () {\n
    var ngContentSelectors = this.componentFactory.ngContentSelectors;\n        return\n
groupNodesBySelector(ngContentSelectors, this.element.contents());\n    };\n    return\n
DowngradeComponentAdapter;\n    }());\n    /**\n     * Group a set of DOM nodes into `ngContent` groups, based\n
on the given content selectors.\n     *\n     * @function groupNodesBySelector(ngContentSelectors, nodes) {\n
        var\n
projectableNodes = [];\n        var wildcardNgContentIndex;\n        for (var i = 0, ii = ngContentSelectors.length; i <\n
ii; ++i) {\n            projectableNodes[i] = [];\n        }\n        for (var j = 0, jj = nodes.length; j < jj; ++j) {\n            var\n
node = nodes[j];\n            var ngContentIndex = findMatchingNgContentIndex(node, ngContentSelectors);\n
            if (ngContentIndex !== null) {\n                projectableNodes[ngContentIndex].push(node);\n            }\n
        }\n        return projectableNodes;\n    }\n
    function findMatchingNgContentIndex(element, ngContentSelectors) {\n        var\n
ngContentIndices = [];\n        var wildcardNgContentIndex = -1;\n        for (var i = 0; i < ngContentSelectors.length;\n
i++) {\n            var selector = ngContentSelectors[i];\n            if (selector === '*') {\n
                wildcardNgContentIndex = i;\n            }\n            else {\n                if (matchesSelector(element, selector)) {\n
                    ngContentIndices.push(i);\n                }\n            }\n        }\n        ngContentIndices.sort();\n        if\n
(wildcardNgContentIndex !== -1) {\n            ngContentIndices.push(wildcardNgContentIndex);\n        }\n
        return ngContentIndices.length ? ngContentIndices[0] : null;\n    }\n
    var _matches;\n    function\n
matchesSelector(el, selector) {\n        if (!_matches) {\n            var elProto = Element.prototype;\n            _matches =\n
elProto.matches || elProto.matchesSelector || elProto.mozMatchesSelector ||\n
elProto.msMatchesSelector ||\n
elProto.oMatchesSelector || elProto.webkitMatchesSelector;\n        }\n        return el.nodeType ===\n
Node.ELEMENT_NODE ? _matches.call(el, selector) : false;\n    }\n
    /**\n     * @license\n     * Copyright\n
Google Inc. All Rights Reserved.\n     *\n     * Use of this source code is governed by an MIT-style license that can\n
be\n     * found in the LICENSE file at https://angular.io/license\n     *\n     * @function isThenable(obj) {\n
        return\n
!!obj && isFunction(obj.then);\n    }\n
    /**\n     * Synchronous, promise-like object.\n     *\n     * @function var SyncPromise =

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/** @class */ (function () {
  function SyncPromise() {
    this.resolved = false;
    this.callbacks = [];
  }
  SyncPromise.all = function (valuesOrPromises) {
    var aggPromise = new SyncPromise();
    var resolvedCount = 0;
    var results = [];
    var resolve = function (idx, value) {
      results[idx] = value;
      if (++resolvedCount === valuesOrPromises.length) {
        aggPromise.resolve(results);
      }
      valuesOrPromises.forEach(function (p, idx) {
        if (isThenable(p)) {
          p.then(function (v) { return resolve(idx, v); });
        } else {
          resolve(idx, p);
        }
      });
      return aggPromise;
    };
    SyncPromise.prototype.resolve = function (value) {
      // Do nothing, if already resolved.
      if (this.resolved) return;
      this.value = value;
      this.resolved = true;
      // Run the queued callbacks.
      this.callbacks.forEach(function (callback) { return callback(value); });
      this.callbacks.length = 0;
    };
    SyncPromise.prototype.then = function (callback) {
      if (this.resolved) {
        callback(this.value);
      } else {
        this.callbacks.push(callback);
      }
    };
    return SyncPromise;
  }());
  /**
   * @license
   * Copyright Google Inc. All Rights Reserved.
   * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license
   *
   * @description
   * A helper function that allows an Angular component to be used from AngularJS. Part of the [upgrade/static](api?query=upgrade%2Fstatic) library for hybrid upgrade apps that support AOT compilation. This helper function returns a factory function to be used for registering an AngularJS wrapper directive for "downgrading" an Angular component.
   * @usageNotes
   * ### Examples
   * Let's assume that you have an Angular component called `ng2Heroes` that needs to be made available in AngularJS templates.
   * { @example upgrade/static/ts/full/module.ts region="ng2-heroes" }
   * We must create an AngularJS [directive](https://docs.angularjs.org/guide/directive) that will make this Angular component available inside AngularJS templates. The `downgradeComponent()` function returns a factory function that we can use to define the AngularJS directive that wraps the "downgraded" component.
   * { @example upgrade/static/ts/full/module.ts region="ng2-heroes-wrapper" }
   * For more details and examples on downgrading Angular components to AngularJS components please visit the [Upgrade guide](guide/upgrade#using-angular-components-from-angularjs-code).
   * @param info contains information about the Component that is being downgraded:
   * - `component: Type<any>`: The type of the Component that will be downgraded
   * - `downgradedModule?: string`: The name of the downgraded module (if any) that the component "belongs to", as returned by a call to `downgradeModule()`. It is the module, whose corresponding Angular module will be bootstrapped, when the component needs to be instantiated.
   * (This option is only necessary when using `downgradeModule()` to downgrade more than one Angular module.)
   * - `propagateDigest?: boolean`: Whether to perform { @link ChangeDetectorRef#detectChanges } change detection on the component on every { $digest}(https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest). If set to `false`, change detection will still be performed when any of the component's inputs changes. (Default: true)
   * @returns a factory function that can be used to register the component in an AngularJS module.
   * @publicApi
   */
  function downgradeComponent(info) {
    var directiveFactory = function ($compile, $injector, $parse) {
      // When using `downgradeModule()`, we need to handle certain things specially. For example:
      // - We always need to attach the component view to the `ApplicationRef` for it to be dirty-checked.
      // - We need to ensure callbacks to Angular APIs (e.g. change detection) are run inside the Angular zone.
      // NOTE: This is not needed, when using `UpgradeModule`, because `$digest()` will be run inside the Angular zone (except if explicitly escaped, in which case we shouldn't force it back in).
      var isNgUpgradeLite = getUpgradeAppType($injector) === 3 /* Lite */;
      var wrapCallback = !isNgUpgradeLite ? function (cb) { return cb; } : function (cb) { return function () { return core.NgZone.isInAngularZone() ? cb() : ngZone.run(cb); }; };
      var ngZone;
      // When downgrading multiple modules, special handling is needed wrt injectors.
      var hasMultipleDowngradedModules = isNgUpgradeLite && (getDowngradedModuleCount($injector) > 1);
      return {
        restrict: 'E',

```

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    terminal: true,\n        require: [REQUIRE_INJECTOR, REQUIRE_NG_MODEL],\n        link:
function (scope, element, attrs, required) {\n        // We might have to compile the contents asynchronously,
because this might have been\n        // triggered by `UpgradeNg1ComponentAdapterBuilder`, before the
Angular templates have\n        // been compiled.\n        var ngModel = required[1];\n        var
parentInjector = required[0];\n        var moduleInjector = undefined;\n        var ranAsync = false;\n
    if (!parentInjector || hasMultipleDowngradedModules) {\n        var downgradedModule =
info.downgradedModule || "";\n        var lazyModuleRefKey = "\"" + LAZY_MODULE_REF +
downgradedModule;\n        var attemptedAction = "instantiating component " +
getTypeName(info.component) + "\";\n        validateInjectionKey($injector, downgradedModule,
lazyModuleRefKey, attemptedAction);\n        var lazyModuleRef = $injector.get(lazyModuleRefKey);\n
        moduleInjector = lazyModuleRef.injector || lazyModuleRef.promise;\n        }\n        //
Notes:\n        /\n        // There are two injectors: `finalModuleInjector` and `finalParentInjector` (they
might be\n        // the same instance, but that is irrelevant);\n        // - `finalModuleInjector` is used to
retrieve `ComponentFactoryResolver`, thus it must be\n        // on the same tree as the `NgModule` that
declares this downgraded component.\n        // - `finalParentInjector` is used for all other injection
purposes.\n        // (Note that Angular knows to only traverse the component-tree part of that injector,\n
        // when looking for an injectable and then switch to the module injector.)\n        /\n        //
There are basically three cases:\n        // - If there is no parent component (thus no `parentInjector`), we
bootstrap the downgraded\n        // `NgModule` and use its injector as both `finalModuleInjector` and\n
        // `finalParentInjector`.\n        // - If there is a parent component (and thus a `parentInjector`) and we
are sure that it\n        // belongs to the same `NgModule` as this downgraded component (e.g. because there
is only\n        // one downgraded module, we use that `parentInjector` as both `finalModuleInjector` and\n
        // `finalParentInjector`.\n        // - If there is a parent component, but it may belong to a different
`NgModule`, then we\n        // use the `parentInjector` as `finalParentInjector` and this downgraded
component's\n        // declaring `NgModule`'s injector as `finalModuleInjector`.\n        // Note 1: If
the `NgModule` is already bootstrapped, we just get its injector (we don't\n        // bootstrap again).\n
        // Note 2: It is possible that (while there are multiple downgraded modules) this\n        //
downgraded component and its parent component both belong to the same NgModule.\n        // In that
case, we could have used the `parentInjector` as both\n        // `finalModuleInjector` and
`finalParentInjector`, but (for simplicity) we are\n        // treating this case as if they belong to different
`NgModule`'s. That doesn't\n        // really affect anything, since `parentInjector` has `moduleInjector`
as ancestor\n        // and trying to resolve `ComponentFactoryResolver` from either one will return\n
        // the same instance.\n        // If there is a parent component, use its injector as parent
injector.\n        // If this is a "top-level" Angular component, use the module injector.\n        var
finalParentInjector = parentInjector || moduleInjector;\n        // If this is a "top-level" Angular component or
the parent component may belong to a\n        // different `NgModule`, use the module injector for module-
specific dependencies.\n        // If there is a parent component that belongs to the same `NgModule`, use its
injector.\n        var finalModuleInjector = moduleInjector || parentInjector;\n        var doDowngrade =
function (injector, moduleInjector) {\n        // Retrieve `ComponentFactoryResolver` from the injector tied
to the `NgModule` this\n        // component belongs to.\n        var componentFactoryResolver =
moduleInjector.get(core.ComponentFactoryResolver);\n        var componentFactory =
componentFactoryResolver.resolveComponentFactory(info.component);\n        if (!componentFactory)
{\n        throw new Error("Expecting ComponentFactory for: " + getTypeName(info.component));\n
        }\n        var injectorPromise = new ParentInjectorPromise(element);\n        var facade
= new DowngradeComponentAdapter(element, attrs, scope, ngModel, injector, $injector, $compile, $parse,
componentFactory, wrapCallback);\n        var projectableNodes = facade.compileContents();\n
        facade.createComponent(projectableNodes);\n        facade.setupInputs(isNgUpgradeLite,
info.propagateDigest);\n        facade.setupOutputs();\n        facade.registerCleanup();\n

```

```

injectorPromise.resolve(facade.getInjector());\n
if (ranAsync) {\n
// If this is run
async, it is possible that it is not run inside a\n
// digest and initial input values will not be
detected.\n
scope.$evalAsync(function () { });\n
});\n
var
downgradeFn = !isNgUpgradeLite ? doDowngrade : function (pInjector, mInjector) {\n
if (!ngZone)
{\n
ngZone = pInjector.get(core.NgZone);\n
}\n
wrapCallback(function () { return doDowngrade(pInjector, mInjector); }());\n
};\n
//
NOTE:\n
// Not using `ParentInjectorPromise.all()` (which is inherited from `SyncPromise`), because\n
// Closure Compiler (or some related tool) complains:\n
// `TypeError:
...$src$downgrade_component_ParentInjectorPromise.all is not a function`\n
SyncPromise.all([finalParentInjector, finalModuleInjector])\n
.then(function (_a) {\n
var _b = __read(_a, 2), pInjector = _b[0], mInjector = _b[1];\n
return downgradeFn(pInjector,
mInjector);\n
});\n
ranAsync = true;\n
});\n
};\n
// bracket-
notation because of closure - see #14441\n
directiveFactory['$inject'] = [$COMPILE, $INJECTOR,
$PARSE];\n
return directiveFactory;\n
} } /**\n
 * Synchronous promise-like object to wrap parent
injectors,\n
 * to preserve the synchronous nature of AngularJS's `compileComponents`.\n
 */\n
var ParentInjectorPromise
= /** @class */ (function (_super) {\n
__extends(ParentInjectorPromise, _super);\n
function
ParentInjectorPromise(element) {\n
var _this = _super.call(this) || this;\n
_this.element = element;\n
_this.injectorKey = controllerKey(INJECTOR_KEY);\n
// Store the promise on the element.\n
element.data(_this.injectorKey, _this);\n
return _this;\n
} ParentInjectorPromise.prototype.resolve
= function (injector) {\n
// Store the real injector on the element.\n
this.element.data(this.injectorKey,
injector);\n
// Release the element to prevent memory leaks.\n
this.element = null;\n
// Resolve
the promise.\n
_super.prototype.resolve.call(this, injector);\n
};\n
return ParentInjectorPromise;\n
})(SyncPromise);\n
} /**\n
 * @license\n
 * Copyright Google Inc. All Rights Reserved.\n
 * Use of
this source code is governed by an MIT-style license that can be\n
 * found in the LICENSE file at
https://angular.io/license\n
 */\n
 * @description\n
 * A helper function to allow an Angular
service to be accessible from AngularJS.\n
 * Part of the [upgrade/static](api?query=upgrade%2Fstatic)\n
 * library for hybrid upgrade apps that support AOT compilation.\n
 * This helper function returns a factory
function that provides access to the Angular\n
 * service identified by the `token` parameter.\n
 *
 * @usageNotes\n
 * ### Examples\n
 * First ensure that the service to be downgraded is provided in an
`NgModule`\n
 * that will be part of the upgrade application. For example, let's assume we have\n
 * defined
`HeroesService`\n
 * {\n
 * @example upgrade/static/ts/full/module.ts region="ng2-heroes-service"}\n
 * and that we have included this in our upgrade app `NgModule`\n
 * {\n
 * @example
upgrade/static/ts/full/module.ts region="ng2-module"}\n
 * Now we can register the `downgradeInjectable`\n
 * factory function for the service\n
 * on an AngularJS module.\n
 * {\n
 * @example
upgrade/static/ts/full/module.ts region="downgrade-ng2-heroes-service"}\n
 * Inside an AngularJS
component's controller we can get hold of the\n
 * downgraded service via the name we gave when
downgrading.\n
 * {\n
 * @example upgrade/static/ts/full/module.ts region="example-app"}\n
 * <div
class="alert is-important">\n
 * When using `downgradeModule()`, downgraded injectables will not be
available until the Angular\n
 * module that provides them is instantiated. In order to be safe, you need to ensure
that the\n
 * downgraded injectables are not used anywhere _outside_ the part of the app where it is\n
 * guaranteed that their module has been instantiated.\n
 * For example, it is _OK_ to use a downgraded
service in an upgraded component that is only used\n
 * from a downgraded Angular component provided by the
same Angular module as the injectable, but\n
 * it is _not OK_ to use it in an AngularJS component that may be
used independently of Angular or\n
 * use it in a downgraded Angular component from a different module.\n
 * </div>\n
 * @param token an `InjectionToken` that identifies a service provided from Angular.\n
 * @param downgradedModule the name of the downgraded module (if any) that the injectable\n
 * "belongs to",
as returned by a call to `downgradeModule()`. It is the module, whose injector will\n
 * be used for instantiating
the injectable.<br />\n
 * (This option is only necessary when using `downgradeModule()` to downgrade more

```



```

than one Angular module.)
 * @returns a [factory function](https://docs.angularjs.org/guide/di) that
can be used to register the service on an AngularJS module.
 * @publicApi
 * @function
downgradeInjectable(token, downgradedModule) {
  if (downgradedModule === void 0) {
    downgradedModule = "";
  }
  var factory = function ($injector) {
    var injectorKey = "" + INJECTOR_KEY +
downgradedModule;
    var injectableName = isFunction(token) ? getTypeName(token) : String(token);
    var attemptedAction = "instantiating injectable " + injectableName + "\n";
    validateInjectionKey($injector, downgradedModule, injectorKey, attemptedAction);
    var injector = $injector.get(injectorKey);
    return injector.get(token);
  };
  factory['$inject'] = [$INJECTOR];
  return factory;
}
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use
of this source code is governed by an MIT-style license that can be
 * found in the LICENSE file at
https://angular.io/license
 * @publicApi
 * var VERSION = new
core.Version('9.0.7');
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use
of this source code is governed by an MIT-style license that can be
 * found in the LICENSE file at
https://angular.io/license
 * // We have to do a little dance to get the ng1 injector into the module injector.
// We store the ng1 injector so that the provider in the module injector can access it
// Then we "get" the ng1
injector from the module injector, which triggers the provider to read
// the stored injector and release the
reference to it.
var tempInjectorRef = null;
function setTempInjectorRef(injector) {
  tempInjectorRef =
injector;
}
function injectorFactory() {
  if (!tempInjectorRef) {
    throw new Error("Trying to get
the AngularJS injector before it being set.");
  }
  var injector = tempInjectorRef;
  tempInjectorRef =
null;
// clear the value to prevent memory leaks
return injector;
}
function rootScopeFactory(i) {
return i.get('$rootScope');
}
function compileFactory(i) {
return i.get('$compile');
}
function
parseFactory(i) {
return i.get('$parse');
}
var angular1Providers = [
// We must use exported
named functions for the ng2 factories to keep the compiler happy:
// > Metadata collected contains an error
that will be reported at runtime:
// > Function calls are not supported.
// > Consider replacing the
function or lambda with a reference to an exported function
{ provide: '$injector', useFactory: injectorFactory,
deps: [] },
{ provide: '$rootScope', useFactory: rootScopeFactory, deps: ['$injector'] },
{ provide:
'$compile', useFactory: compileFactory, deps: ['$injector'] },
{ provide: '$parse', useFactory: parseFactory,
deps: ['$injector'] }
];
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use
of this source code is governed by an MIT-style license that can be
 * found in the LICENSE file at
https://angular.io/license
 * var NgAdapterInjector = /** @class */ (function () {
function
NgAdapterInjector(modInjector) {
  this.modInjector = modInjector;
}
// When Angular locate a
service in the component injector tree, the not found value is set to
//
`NOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR`. In such a case we should not walk up to the module
// injector.
// AngularJS only supports a single tree and should always check the module injector.
NgAdapterInjector.prototype.get = function (token, notFoundValue) {
  if (notFoundValue ===
core.NOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR) {
    return notFoundValue;
  }
  return this.modInjector.get(token, notFoundValue);
};
return NgAdapterInjector;
}());
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use
of this source code is governed by
an MIT-style license that can be
 * found in the LICENSE file at https://angular.io/license
 * var
moduleUid = 0;
/**
 * @description
 * A helper function for creating an AngularJS module that
can bootstrap an Angular module
 * "on-demand" (possibly lazily) when a { @link downgradeComponent
downgraded component} needs to be
 * instantiated.
 * Part of the
[upgrade/static](api?query=upgrade/static) library for hybrid upgrade apps that
 * support AOT compilation.
 * It allows loading/bootstrapping the Angular part of a hybrid application lazily and not having to
 * pay
the cost up-front. For example, you can have an AngularJS application that uses Angular for
 * specific routes
and only instantiate the Angular modules if/when the user visits one of these
 * routes.
 * The Angular
module will be bootstrapped once (when requested for the first time) and the same
 * reference will be used from
that point onwards.
 * `downgradeModule()` requires either an `NgModuleFactory` or a function:
 * -

```

`NgModuleFactory``: If you pass an `NgModuleFactory``, it will be used to instantiate a module using `platformBrowser``'s `{ @link PlatformRef#bootstrapModuleFactory bootstrapModuleFactory() }`. If you pass a function, it is expected to return a promise resolving to an `NgModuleRef``. The function is called with an array of extra `{ @link StaticProvider Providers }` that are expected to be available from the returned `NgModuleRef``'s `Injector``. `downgradeModule()`` returns the name of the created AngularJS wrapper module. You can use it to declare a dependency in your main AngularJS module.

`@example upgrade/static/ts/lite/module.ts region="basic-how-to"` For more details on how to use `downgradeModule()`` see [\[Upgrading for Performance\]\(guide/upgrade-performance\)](#).

`@usageNotes` Apart from `UpgradeModule``, you can use the rest of the `upgrade/static`` helpers as usual to build a hybrid application. Note that the Angular pieces (e.g. downgraded services) will not be available until the downgraded module has been bootstrapped, i.e. by instantiating a downgraded component.

`<div class="alert is-important">` You cannot use `downgradeModule()`` and `UpgradeModule`` in the same hybrid application.
Use one or the other.
`</div>`

Differences with `UpgradeModule``

Besides their different API, there are two important internal differences between `downgradeModule()`` and `UpgradeModule`` that affect the behavior of hybrid applications:

1. Unlike `UpgradeModule``, `downgradeModule()`` does not bootstrap the main AngularJS module inside the `{ @link NgZone Angular zone }`.
2. Unlike `UpgradeModule``, `downgradeModule()`` does not automatically run a `digest()` ([https://docs.angularjs.org/api/ng/type/\\$rootScope.Scope#\\$digest](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest)) when changes are detected in the Angular part of the application.

What this means is that applications using `UpgradeModule`` will run change detection more frequently in order to ensure that both frameworks are properly notified about possible changes. This will inevitably result in more change detection runs than necessary.

`downgradeModule()``, on the other side, does not try to tie the two change detection systems as tightly, restricting the explicit change detection runs only to cases where it knows it is necessary (e.g. when the inputs of a downgraded component change). This improves performance, especially in change-detection-heavy applications, but leaves it up to the developer to manually notify each framework as needed.

For a more detailed discussion of the differences and their implications, see [\[Upgrading for Performance\]\(guide/upgrade-performance\)](#).

`<div class="alert is-helpful">` You can manually trigger a change detection run in AngularJS using `[scope.$apply(...)]` ([https://docs.angularjs.org/api/ng/type/\\$rootScope.Scope#\\$apply](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$apply)) or `[$rootScope.$digest()]` ([https://docs.angularjs.org/api/ng/type/\\$rootScope.Scope#\\$digest](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest)).

You can manually trigger a change detection run in Angular using `{ @link NgZone#run ngZone.run(...) }`.

Downgrading multiple modules

It is possible to downgrade multiple modules and include them in an AngularJS application. In that case, each downgraded module will be bootstrapped when an associated downgraded component or injectable needs to be instantiated.

Things to keep in mind, when downgrading multiple modules:

- Each downgraded component/injectable needs to be explicitly associated with a downgraded module. See `downgradeComponent()`` and `downgradeInjectable()`` for more details.
- If you want some injectables to be shared among all downgraded modules, you can provide them as `StaticProvider``'s, when creating the `PlatformRef`` (e.g. via `platformBrowser`` or `platformBrowserDynamic``).
- When using `{ @link PlatformRef#bootstrapModule bootstrapModule() }` or `{ @link PlatformRef#bootstrapModuleFactory bootstrapModuleFactory() }` to bootstrap the downgraded modules, each one is considered a `"root"` module. As a consequence, a new instance will be created for every injectable provided in `"root"` (via `{ @link Injectable#providedIn providedIn }`).

If this is not your intention, you can have a shared module (that will act as the `"root"` module) and create all downgraded modules using that module's injector:

`@example upgrade/static/ts/lite-multi-shared/module.ts region="shared-root-module"`

```
@publicApi
function downgradeModule(moduleFactoryOrBootstrapFn) {
  var lazyModuleName =
    UPGRADE_MODULE_NAME + ".lazy" + ++moduleUid;
  var lazyModuleRefKey = "" +
```

```

LAZY_MODULE_REF + lazyModuleName;\n    var lazyInjectorKey = \"\" + INJECTOR_KEY +
lazyModuleName;\n    var bootstrapFn = isFunction(moduleFactoryOrBootstrapFn) ?\n
moduleFactoryOrBootstrapFn :\n        function (extraProviders) {\n            return
platformBrowser.platformBrowser(extraProviders).bootstrapModuleFactory(moduleFactoryOrBootstrapFn);\n
        };\n    var injector;\n    // Create an ng1 module to bootstrap.\n    module_(lazyModuleName, [])\n
.constant(UPGRADE_APP_TYPE_KEY, 3 /* Lite */) \n        .factory(INJECTOR_KEY, [lazyInjectorKey,
identity])\n        .factory(lazyInjectorKey, function () {\n            if (!injector) {\n                throw new
Error(\"Trying to get the Angular injector before bootstrapping the corresponding ' +\n                'Angular
module.\");\n            }\n            return injector;\n        })\n        .factory(LAZY_MODULE_REF,
[lazyModuleRefKey, identity])\n        .factory(lazyModuleRefKey, [\n            $INJECTOR,\n            function
($injector) {\n                setTempInjectorRef($injector);\n                var result = {\n                    promise:
bootstrapFn(angular1Providers).then(function (ref) {\n                        injector = result.injector = new
NgAdapterInjector(ref.injector);\n                        injector.get($INJECTOR);\n                        return injector;\n
                    })\n                };\n                return result;\n            }\n        ])\n        .config([\n            $INJECTOR,
$PROVIDE,\n            function ($injector, $provide) {\n
$provide.constant(DOWNGRADED_MODULE_COUNT_KEY, getDowngradedModuleCount($injector) + 1);\n
            }\n        ]);\n    return lazyModuleName;\n    }\n    function identity(x) {\n        return x;\n    }\n\n    /**\n     *
@license\n     * Copyright Google Inc. All Rights Reserved.\n     * Use of this source code is governed by an
MIT-style license that can be\n     * found in the LICENSE file at https://angular.io/license\n     */\n    // Constants\n    var REQUIRE_PREFIX_RE = /^(\\^\\^)?(\\|)?(\\^\\^)?;\n    // Classes\n    var UpgradeHelper = /** @class */
(function () {\n        function UpgradeHelper(injector, name, elementRef, directive) {\n            this.injector =
injector;\n            this.name = name;\n            this.$injector = injector.get($INJECTOR);\n            this.$compile =
this.$injector.get($COMPILE);\n            this.$controller = this.$injector.get($CONTROLLER);\n            this.element = elementRef.nativeElement;\n            this.$element = element(this.element);\n            this.directive =
directive || UpgradeHelper.getDirective(this.$injector, name);\n        }\n        UpgradeHelper.getDirective = function
($injector, name) {\n            var directives = $injector.get(name + 'Directive');\n            if (directives.length > 1) {\n
                throw new Error(\"Only support single directive definition for: \" + name);\n            }\n            var directive =
directives[0];\n            // AngularJS will transform `link: xyz` to `compile: () => xyz`. So we can only tell there was
a\n            // user-defined `compile` if there is no `link`. In other cases, we will just ignore `compile`.\n            if
(directive.compile && !directive.link)\n                notSupported(name, 'compile');\n            if (directive.replace)\n                notSupported(name, 'replace');\n            if (directive.terminal)\n                notSupported(name, 'terminal');\n            return directive;\n        };\n        UpgradeHelper.getTemplate = function ($injector, directive,
fetchRemoteTemplate, $element) {\n            if (fetchRemoteTemplate === void 0) { fetchRemoteTemplate = false;\n            }\n            if (directive.template !== undefined) {\n                return getOrCall(directive.template, $element);\n            }\n            else if (directive.templateUrl) {\n                var $templateCache_1 =
$injector.get($TEMPLATE_CACHE);\n                var url_1 = getOrCall(directive.templateUrl, $element);\n                var template = $templateCache_1.get(url_1);\n                if (template !== undefined) {\n                    return
template;\n                }\n                else if (!fetchRemoteTemplate) {\n                    throw new Error('loading directive
templates asynchronously is not supported');\n                }\n                return new Promise(function (resolve, reject) {\n
                    var $httpBackend = $injector.get($HTTP_BACKEND);\n                    $httpBackend('GET', url_1,
null, function (status, response) {\n                        if (status === 200) {\n
                            resolve($templateCache_1.put(url_1, response));\n                        }\n                    })\n                    else {\n
                        reject(\"GET component template from \" + url_1 + \" returned \" + status + \": \" + response + \"\");\n                    }\n                });\n            }\n            else {\n                throw new Error(\"Directive \" +
directive.name + \" is not a component, it is missing template.\");\n            }\n        };\n        UpgradeHelper.prototype.buildController = function (controllerType, $scope) {\n            // TODO: Document that
we do not pre-assign bindings on the controller instance.\n            // Quoted properties below so that this code can be
optimized with Closure Compiler.\n            var locals = { '$scope': $scope, '$element': this.$element };\n            var

```

```

controller = this.$controller(controllerType, locals, null, this.directive.controllerAs);\n
this.$element.data(controllerKey(this.directive.name), controller);\n    return controller;\n    };\n
UpgradeHelper.prototype.compileTemplate = function (template) {\n    if (template === undefined) {\n
template =\n        UpgradeHelper.getTemplate(this.$injector, this.directive, false, this.$element);\n
}\n    return this.compileHtml(template);\n    };\n    UpgradeHelper.prototype.onDestroy = function
($scope, controllerInstance) {\n    if (controllerInstance && isFunction(controllerInstance.$onDestroy)) {\n
controllerInstance.$onDestroy();\n    }\n    $scope.$destroy();\n    // Clean the jQuery/jqLite data
on the component+child elements.\n    // Equivalent to how jQuery/jqLite invoke `cleanData` on an Element
(this.element)\n    //
https://github.com/jquery/jquery/blob/e743cbd28553267f955f71ea7248377915613fd9/src/manipulation.js#L223\n
//
https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/jqLite.js#L306-
L312\n    // `cleanData` will invoke the AngularJS `$destroy` DOM event\n    //
https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/Angular.js#L1911-
L1924\n    element.cleanData([this.element]);\n    element.cleanData(this.element.querySelectorAll('*'));\n
};\n    UpgradeHelper.prototype.prepareTransclusion = function () {\n    var _this = this;\n    var
transclude = this.directive.transclude;\n    var contentChildNodes = this.extractChildNodes();\n    var
attachChildrenFn = function (scope, cloneAttachFn) {\n    // Since AngularJS v1.5.8, `cloneAttachFn` will
try to destroy the transclusion scope if\n    // `$template` is empty. Since the transcluded content comes from
Angular, not AngularJS,\n    // there will be no transclusion scope here.\n    // Provide a dummy
`scope.$destroy()` method to prevent `cloneAttachFn` from throwing.\n    scope = scope || { $destroy:
function () { return undefined; } };\n    return cloneAttachFn($template, scope);\n    };\n    var
$template = contentChildNodes;\n    if (transclude) {\n    var slots_1 = Object.create(null);\n    if
(typeof transclude === 'object') {\n    $template = [];\n    var slotMap_1 = Object.create(null);\n
var filledSlots_1 = Object.create(null);\n    // Parse the element selectors.\n
Object.keys(transclude).forEach(function (slotName) {\n    var selector = transclude[slotName];\n
var optional = selector.charAt(0) === '?';\n    selector = optional ? selector.substring(1) :
selector;\n    slotMap_1[selector] = slotName;\n    slots_1[slotName] = null; // `null` :
Defined but not yet filled.\n    filledSlots_1[slotName] = optional; // Consider optional slots as filled.\n
});\n    // Add the matching elements into their slot.\n
contentChildNodes.forEach(function (node) {\n    var slotName =
slotMap_1[directiveNormalize(node.nodeName.toLowerCase())];\n    if (slotName) {\n
filledSlots_1[slotName] = true;\n    slots_1[slotName] = slots_1[slotName] || [];\n
slots_1[slotName].push(node);\n    }\n    else {\n    $template.push(node);\n
}\n    });\n    // Check for required slots that were not filled.\n
Object.keys(filledSlots_1).forEach(function (slotName) {\n    if (!filledSlots_1[slotName]) {\n
throw new Error("Required transclusion slot \"" + slotName + "\" on directive: \"" + _this.name);\n
}\n    });\n    Object.keys(slots_1).filter(function (slotName) { return slots_1[slotName];
}).forEach(function (slotName) {\n    var nodes = slots_1[slotName];\n    slots_1[slotName]
= function (scope, cloneAttach) {\n    return cloneAttach(nodes, scope);\n    };\n
});\n    }\n    // Attach `$$slots` to default slot transclude fn.\n    attachChildrenFn.$$slots =
slots_1;\n    // AngularJS v1.6+ ignores empty or whitespace-only transcluded text nodes. But Angular\n
// removes all text content after the first interpolation and updates it later, after\n    // evaluating the
expressions. This would result in AngularJS failing to recognize text\n    // nodes that start with an
interpolation as transcluded content and use the fallback\n    // content instead.\n    // To avoid this
issue, we add a\n    // [zero-width non-joiner character](https://en.wikipedia.org/wiki/Zero-width_non-
joiner)\n    // to empty text nodes (which can only be a result of Angular removing their initial content).\n
// NOTE: Transcluded text content that starts with whitespace followed by an interpolation\n    //

```

```

will still fail to be detected by AngularJS v1.6+
    $template.forEach(function (node) {
        if (node.nodeType === Node.TEXT_NODE && !node.nodeValue) {
            node.nodeValue = "\u200C";
        }
    });
    return attachChildrenFn;
}

UpgradeHelper.prototype.resolveAndBindRequiredControllers = function (controllerInstance) {
    var directiveRequire = this.getDirectiveRequire();
    var requiredControllers = this.resolveRequire(directiveRequire);
    if (controllerInstance && this.directive.bindToController && isMap(directiveRequire)) {
        var requiredControllersMap_1 = requiredControllers;
        Object.keys(requiredControllersMap_1).forEach(function (key) {
            controllerInstance[key] = requiredControllersMap_1[key];
        });
        return requiredControllers;
    }
};

UpgradeHelper.prototype.compileHtml = function (html) {
    this.element.innerHTML = html;
    return this.$compile(this.element.childNodes);
};

UpgradeHelper.prototype.extractChildNodes = function () {
    var childNodes = [];
    var childNode;
    while (childNode = this.element.firstChild) {
        this.element.removeChild(childNode);
        childNodes.push(childNode);
    }
    return childNodes;
};

UpgradeHelper.prototype.getDirectiveRequire = function () {
    var require = this.directive.require || (this.directive.controller && this.directive.name);
    if (isMap(require)) {
        Object.keys(require).forEach(function (key) {
            var value = require[key];
            var match = value.match(REQUIRE_PREFIX_RE);
            var name = value.substring(match[0].length);
            if (!name) {
                require[key] = match[0] + key;
            }
        });
        return require;
    }
};

UpgradeHelper.prototype.resolveRequire = function (require, controllerInstance) {
    var _this = this;
    if (!require) {
        return null;
    }
    else if (Array.isArray(require)) {
        return require.map(function (req) {
            return _this.resolveRequire(req);
        });
    }
    else if (typeof require === 'object') {
        var value_1 = {};
        Object.keys(require).forEach(function (key) {
            value_1[key] = _this.resolveRequire(require[key]);
        });
        return value_1;
    }
    else if (typeof require === 'string') {
        var match = require.match(REQUIRE_PREFIX_RE);
        var inheritType = match[1] || match[3];
        var name_1 = require.substring(match[0].length);
        var isOptional = !!match[2];
        var searchParents = !!inheritType;
        var startOnParent = inheritType === '^';
        var ctrlKey = controllerKey(name_1);
        var elem = startOnParent ? this.$element.parent() : this.$element;
        var value = searchParents ? elem.inheritedData(ctrlKey) : elem.data(ctrlKey);
        if (!value && !isOptional) {
            throw new Error("Unable to find required \"" + require + "\" in upgraded directive \"" + this.name + "\".");
        }
        return value;
    }
    else {
        throw new Error("Unrecognized 'require' syntax on upgraded directive \"" + this.name + "\": \"" + require + "\"");
    }
};

return UpgradeHelper;
})();

function getOrCall(property) {
    var args = [];
    for (var _i = 1; _i < arguments.length; _i++) {
        args[_i - 1] = arguments[_i];
    }
    return isFunction(property) ? property.apply(void 0, __spread(args)) : property;
}

// NOTE: Only works for `typeof T !== 'object'`
function isMap(value) {
    return value && !Array.isArray(value) && typeof value === 'object';
}

function notSupported(name, feature) {
    throw new Error("Upgraded directive \"" + name + "\" contains unsupported feature: \"" + feature + "\".");
}

/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license
 */
var NOT_SUPPORTEDED = 'NOT_SUPPORTEDED';
var INITIAL_VALUE$1 = {
    __UNINITIALIZED__: true
};
var Bindings = /** @class */ (function () {
    function Bindings() {
        this.twoWayBoundProperties = [];
        this.twoWayBoundLastValues = [];
        this.expressionBoundProperties = [];
        this.propertyToOutputMap = {};
    }
    return Bindings;
})();

/**
 * @description
 * A helper class that allows an AngularJS component to be used from Angular.
 * Part of the [upgrade/static](api?query=upgrade%2Fstatic) library for hybrid upgrade apps that support AOT compilation.
 * This helper class should be used as a base class for creating Angular directives that wrap AngularJS components that need to be "upgraded".
 *
 * @usageNotes
 * ### Examples
 * Let's assume that you have an AngularJS component called `ng1Hero` that needs to be made available in Angular templates.
 *
 * @example

```

```

upgrade/static/ts/full/module.ts region="ng1-hero"}\n * \n * We must create a `Directive` that will make this
AngularJS component\n * available inside Angular templates.\n * \n * {@example
upgrade/static/ts/full/module.ts region="ng1-hero-wrapper"}\n * \n * In this example you can see that we must
derive from the `UpgradeComponent`\n * base class but also provide an {@link Directive `@Directive`}
decorator. This is\n * because the AOT compiler requires that this information is statically available at\n *
compile time.\n * \n * Note that we must do the following:\n * * specify the directive's selector (`ng1-hero`)\n
* * specify all inputs and outputs that the AngularJS component expects\n * * derive from
`UpgradeComponent`\n * * call the base class from the constructor, passing\n * * the AngularJS name of the
component (`ng1Hero`)\n * * the `ElementRef` and `Injector` for the component wrapper\n * \n *
@publicApi\n * \n var UpgradeComponent = /** @class */ (function () {\n /**\n * Create a new
`UpgradeComponent` instance. You should not normally need to do this.\n * Instead you should derive a new
class from this one and call the super constructor\n * from the base class.\n * \n * {@example
upgrade/static/ts/full/module.ts region="ng1-hero-wrapper" }\n * \n * * The `name` parameter should be
the name of the AngularJS directive.\n * * The `elementRef` and `injector` parameters should be acquired from
Angular by dependency\n * injection into the base class constructor.\n * \n * \n function
UpgradeComponent(name, elementRef, injector) {\n this.name = name;\n this.elementRef =
elementRef;\n this.injector = injector;\n this.helper = new UpgradeHelper(injector, name,
elementRef);\n this.$injector = this.helper.$injector;\n this.element = this.helper.element;\n
this.$element = this.helper.$element;\n this.directive = this.helper.directive;\n this.bindings =
this.initializeBindings(this.directive);\n // We ask for the AngularJS scope from the Angular injector, since\n
// we will put the new component scope onto the new injector for each component\n var $parentScope =
injector.get($SCOPE);\n // QUESTION 1: Should we create an isolated scope if the scope is only true?\n
// QUESTION 2: Should we make the scope accessible through `$element.scope()/isolateScope()`?\n
this.$componentScope = $parentScope.$new(!this.directive.scope);\n this.initializeOutputs();\n }\n
UpgradeComponent.prototype.ngOnInit = function () {\n var _this = this;\n // Collect contents, insert
and compile template\n var attachChildNodes = this.helper.prepareTransclusion();\n var linkFn =
this.helper.compileTemplate();\n // Instantiate controller\n var controllerType =
this.directive.controller;\n var bindToController = this.directive.bindToController;\n if
(controllerType) {\n this.controllerInstance = this.helper.buildController(controllerType,
this.$componentScope);\n } else if (bindToController) {\n throw new Error(`Upgraded
directive "${this.directive.name} + " specifies 'bindToController' but no controller.`);\n }\n // Set up
outputs\n this.bindingDestination = bindToController ? this.controllerInstance : this.$componentScope;\n
this.bindOutputs();\n // Require other controllers\n var requiredControllers =
this.helper.resolveAndBindRequiredControllers(this.controllerInstance);\n // Hook: $onChanges\n if
(this.pendingChanges) {\n this.forwardChanges(this.pendingChanges);\n this.pendingChanges =
null;\n }\n // Hook: $onInit\n if (this.controllerInstance &&
isFunction(this.controllerInstance.$onInit)) {\n this.controllerInstance.$onInit();\n }\n //
Hook: $doCheck\n if (this.controllerInstance && isFunction(this.controllerInstance.$doCheck)) {\n
var callDoCheck = function () { return _this.controllerInstance.$doCheck(); }; \n
this.unregisterDoCheckWatcher = this.$componentScope.$parent.$watch(callDoCheck);\n
callDoCheck();\n }\n // Linking\n var link = this.directive.link;\n var preLink = typeof
link == 'object' && link.pre;\n var postLink = typeof link == 'object' ? link.post : link;\n var attrs =
NOT_SUPPORTED;\n var transcludeFn = NOT_SUPPORTED;\n if (preLink) {\n
preLink(this.$componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n }\n
linkFn(this.$componentScope, null, { parentBoundTranscludeFn: attachChildNodes });\n if (postLink) {\n
postLink(this.$componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n }\n //
Hook: $postLink\n if (this.controllerInstance && isFunction(this.controllerInstance.$postLink)) {\n
this.controllerInstance.$postLink();\n }\n }\n UpgradeComponent.prototype.ngOnChanges =

```

```

function (changes) {\n      if (!this.bindingDestination) {\n          this.pendingChanges = changes;\n      }\n      else {\n          this.forwardChanges(changes);\n      }\n  };\n  UpgradeComponent.prototype.ngDoCheck = function () {\n      var _this = this;\n      var\n      twoWayBoundProperties = this.bindings.twoWayBoundProperties;\n      var twoWayBoundLastValues =\n      this.bindings.twoWayBoundLastValues;\n      var propertyToOutputMap =\n      this.bindings.propertyToOutputMap;\n      twoWayBoundProperties.forEach(function (propName, idx) {\n          var newValue = _this.bindingDestination[propName];\n          var oldValue =\n      twoWayBoundLastValues[idx];\n          if (!core.looseIdentical(newValue, oldValue)) {\n              var\n      outputName = propertyToOutputMap[propName];\n              var eventEmitter = _this[outputName];\n              eventEmitter.emit(newValue);\n              twoWayBoundLastValues[idx] = newValue;\n          }\n      });\n      UpgradeComponent.prototype.ngOnDestroy = function () {\n          if\n      (isFunction(this.unregisterDoCheckWatcher)) {\n              this.unregisterDoCheckWatcher();\n          }\n      this.helper.onDestroy(this.$componentScope, this.controllerInstance);\n      };\n  UpgradeComponent.prototype.initializeBindings = function (directive) {\n      var _this = this;\n      var\n      btcIsObject = typeof directive.bindToController === 'object';\n      if (btcIsObject &&\n      Object.keys(directive.scope).length) {\n          throw new Error("Binding definitions on scope and controller at\n      the same time is not supported.");\n      }\n      var context = btcIsObject ? directive.bindToController :\n      directive.scope;\n      var bindings = new Bindings();\n      if (typeof context === 'object') {\n          Object.keys(context).forEach(function (propName) {\n              var definition = context[propName];\n              var bindingType = definition.charAt(0);\n              // QUESTION: What about `=*`? Ignore? Throw? Support?\n          switch (bindingType) {\n              case '@':\n                  // We don't\n              need to do anything special. They will be defined as inputs on the\n              // upgraded component facade\n              and the change propagation will be handled by\n              // `ngOnChanges()`\n                  break;\n              case '=':\n                  bindings.twoWayBoundProperties.push(propName);\n      bindings.twoWayBoundLastValues.push(INITIAL_VALUE$1);\n      bindings.propertyToOutputMap[propName] = propName + 'Change';\n                  break;\n              case\n      '&':\n                  bindings.expressionBoundProperties.push(propName);\n      bindings.propertyToOutputMap[propName] = propName;\n                  break;\n              default:\n                  var json = JSON.stringify(context);\n                  throw new Error("Unexpected mapping \"" +\n      bindingType + "\" in \"" + json + "\" in \"" + _this.name + "\" directive.");\n          }\n      }\n      return bindings;\n      };\n      UpgradeComponent.prototype.initializeOutputs = function () {\n          var\n      _this = this;\n          // Initialize the outputs for `=` and `&` bindings\n      this.bindings.twoWayBoundProperties.concat(this.bindings.expressionBoundProperties)\n      .forEach(function (propName) {\n          var outputName = _this.bindings.propertyToOutputMap[propName];\n          _this[outputName] = new core.EventEmitter();\n      });\n      UpgradeComponent.prototype.bindOutputs = function () {\n          var _this = this;\n          // Bind `&` bindings to\n      the corresponding outputs\n      this.bindings.expressionBoundProperties.forEach(function (propName) {\n          var outputName = _this.bindings.propertyToOutputMap[propName];\n          var emitter =\n      _this[outputName];\n          _this.bindingDestination[propName] = function (value) { return emitter.emit(value);\n      };\n      });\n      UpgradeComponent.prototype.forwardChanges = function (changes) {\n          var\n      _this = this;\n          // Forward input changes to `bindingDestination`\n      Object.keys(changes).forEach(function (propName) {\n          return _this.bindingDestination[propName] =\n      changes[propName].currentValue; });\n          if (isFunction(this.bindingDestination.$onChanges)) {\n              this.bindingDestination.$onChanges(changes);\n          }\n      }\n      return UpgradeComponent;\n      }();\n  }\n  /**\n   * @license\n   * Copyright Google Inc. All Rights Reserved.\n   *\n   * Use of this source code is\n   governed by an MIT-style license that can be\n   * found in the LICENSE file at https://angular.io/license\n   */\n  /**\n   * @description\n   *\n   * An `NgModule`, which you import to provide AngularJS core services,\n   *\n   and has an instance method used to bootstrap the hybrid upgrade application.\n   *\n   */

```

[upgrade/static](api?query=upgrade/static)\n * library for hybrid upgrade apps that support AOT compilation*\n *\n * The `upgrade/static` package contains helpers that allow AngularJS and Angular components\n * to be used together inside a hybrid upgrade application, which supports AOT compilation.\n *\n * Specifically, the classes and functions in the `upgrade/static` module allow the following:\n *\n * 1. Creation of an Angular directive that wraps and exposes an AngularJS component so\n * that it can be used in an Angular template. See `UpgradeComponent`.\n * 2. Creation of an AngularJS directive that wraps and exposes an Angular component\n * so\n * that it can be used in an AngularJS template. See `downgradeComponent`.\n * 3. Creation of an Angular root injector provider that wraps and exposes an AngularJS\n * service so that it can be injected into an Angular context. See\n * { @link UpgradeModule#upgrading-an-angular-1-service Upgrading an AngularJS\n * service } below.\n * 4. Creation of an AngularJS service that wraps and exposes an Angular injectable\n * so\n * that it can be injected into an AngularJS context. See `downgradeInjectable`.\n * 3. Bootstrapping of a hybrid Angular application which contains both of the frameworks\n * coexisting in a single application.\n *\n * @usageNotes\n *\n * ``ts\n * import { UpgradeModule } from '@angular/upgrade/static';\n * ``\n *\n * See also the { @link UpgradeModule#examples examples } below.\n *\n * ### Mental Model\n *\n * When reasoning about how a hybrid application works it is useful to have a mental model which\n * describes what is happening and explains what is happening at the lowest level.\n *\n * 1. There are two independent frameworks running in a single application, each framework treats\n * the other as a black box.\n * 2. Each DOM element on the page is owned exactly by one framework. Whichever framework\n * instantiated the element is the owner. Each framework only updates/interacts with its own\n * DOM elements and ignores others.\n * 3. AngularJS directives always execute inside the AngularJS framework codebase regardless of\n * where they are instantiated.\n * 4. Angular components always execute inside the Angular framework codebase regardless of\n * where they are instantiated.\n * 5. An AngularJS component can be `upgraded` to an Angular component. This is achieved by\n * defining an Angular directive, which bootstraps the AngularJS component at its location\n * in the DOM. See `UpgradeComponent`.\n * 6. An Angular component can be `downgraded` to an AngularJS component. This is achieved by\n * defining an AngularJS directive, which bootstraps the Angular component at its location\n * in the DOM. See `downgradeComponent`.\n * 7. Whenever an `upgraded`/`downgraded` component is instantiated the host element is owned by\n * the framework doing the instantiation. The other framework then instantiates and owns the\n * view for that component.\n * 1. This implies that the component bindings will always follow the semantics of the\n * instantiation framework.\n * 2. The DOM attributes are parsed by the framework that owns the current template. So\n * attributes in AngularJS templates must use kebab-case, while AngularJS templates must use\n * camelCase.\n * 3. However the template binding syntax will always use the Angular style, e.g. square\n * brackets `[...]` for property binding.\n * 8. Angular is bootstrapped first; AngularJS is bootstrapped second. AngularJS always owns the\n * root component of the application.\n * 9. The new application is running in an Angular zone, and therefore it no longer needs calls to\n * `\$apply()`.\n *\n * ### The `UpgradeModule` class\n *\n * This class is an `NgModule`, which you import to provide AngularJS core services,\n * and has an instance method used to bootstrap the hybrid upgrade application.\n *\n * * Core AngularJS services\n * Importing this `NgModule` will add providers for the core\n * [AngularJS services](https://docs.angularjs.org/api/ng/service) to the root injector.\n * * Bootstrap\n * The runtime instance of this class contains a { @link UpgradeModule#bootstrap `bootstrap()` }\n * method, which you use to bootstrap the top level AngularJS module onto an element in the\n * DOM for the hybrid upgrade app.\n *\n * It also contains properties to access the { @link UpgradeModule#injector root injector }, the\n * bootstrap `NgZone` and the\n * [AngularJS \$injector](https://docs.angularjs.org/api/auto/service/\$injector).\n *\n * ### Examples\n *\n * Import the `UpgradeModule` into your top level { @link NgModule Angular `NgModule` }.\n *\n * { @example upgrade/static/ts/full/module.ts region='ng2-module' }\n *\n * Then inject `UpgradeModule` into your Angular `NgModule` and use it to bootstrap the top level\n * [AngularJS module](https://docs.angularjs.org/api/ng/type/angular.Module) in the\n * `ngDoBootstrap()` method.\n *\n * { @example upgrade/static/ts/full/module.ts region='bootstrap-ng1' }\n *\n * Finally, kick off the whole


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process, by bootstrapping your top level Angular `NgModule`.
\n * * { @example
upgrade/static/ts/full/module.ts region='bootstrap-ng2'}
\n * * { @a upgrading-an-angular-1-service}
\n *
### Upgrading an AngularJS service
\n * * There is no specific API for upgrading an AngularJS service.
Instead you should just follow the
\n * * following recipe:
\n * * Let's say you have an AngularJS service:
\n * *
\n * * { @example upgrade/static/ts/full/module.ts region='ng1-text-formatter-service'}
\n * * Then you
should define an Angular provider to be included in your `NgModule` `providers`
\n * * property.
\n * *
\n * * { @example upgrade/static/ts/full/module.ts region='upgrade-ng1-service'}
\n * * Then you can use the
`"upgraded"` AngularJS service by injecting it into an Angular component
\n * * or service.
\n * *
\n * * { @example
upgrade/static/ts/full/module.ts region='use-ng1-upgraded-service'}
\n * * @publicApi
\n * *
\n * * var
UpgradeModule = /** @class */ (function () {
\n * * function UpgradeModule(
\n * * /** The root `Injector` for the
upgrade application.
\n * * injector,
\n * * /** The bootstrap zone for the upgrade application
\n * * ngZone)
{
\n * * this.ngZone = ngZone;
\n * * this.injector = new NgAdapterInjector(injector);
\n * * }
\n * * /**
\n * * Bootstrap an AngularJS application from this NgModule
\n * * @param element the element on which to
bootstrap the AngularJS application
\n * * @param [modules] the AngularJS modules to bootstrap for this
application
\n * * @param [config] optional extra AngularJS bootstrap configuration
\n * *
UpgradeModule.prototype.bootstrap = function (element$1, modules, config /*angular.IAngularBootstrapConfig*/)
{
\n * * var _this = this;
\n * * if (modules === void 0) { modules = []; }
\n * * var INIT_MODULE_NAME
= UPGRADE_MODULE_NAME + '.init';
\n * * // Create an ng1 module to bootstrap
\n * * var initModule =
module_(INIT_MODULE_NAME, [])
\n * * .constant(UPGRADE_APP_TYPE_KEY, 2 /* Static */)
\n * * .value(INJECTOR_KEY, this.injector)
\n * * .factory(LAZY_MODULE_REF, [INJECTOR_KEY, function
(injector) { return ({ injector: injector }); }])
\n * * .config([
\n * * $PROVIDE, $INJECTOR,
\n * * function ($provide, $injector) {
\n * * if ($injector.has($$TESTABILITY)) {
\n * * $provide.decorator($$TESTABILITY, [
\n * * $DELEGATE,
\n * * function
(testabilityDelegate) {
\n * * var originalWhenStable = testabilityDelegate.whenStable;
\n * * var injector = _this.injector;
\n * * // Cannot use arrow function below because we need the
context
\n * * var newWhenStable = function (callback) {
\n * * originalWhenStable.call(testabilityDelegate, function () {
\n * * var ng2Testability =
injector.get(core.Testability);
\n * * if (ng2Testability.isStable()) {
\n * * callback();
\n * * }
\n * * else {
\n * * ng2Testability.whenStable(newWhenStable.bind(testabilityDelegate, callback));
\n * * }
\n * * }
\n * * });
\n * * testabilityDelegate.whenStable = newWhenStable;
\n * * return testabilityDelegate;
\n * * }
\n * * });
\n * * if
($injector.has($INTERVAL)) {
\n * * $provide.decorator($INTERVAL, [
\n * * $DELEGATE,
\n * * function (intervalDelegate) {
\n * * // Wrap the $interval service so
that setInterval is called outside NgZone,
\n * * // but the callback is still invoked within it. This is so
that $interval
\n * * // won't block stability, which preserves the behavior from AngularJS.
\n * * var wrappedInterval = function (fn, delay, count, invokeApply) {
\n * * var pass = [];
\n * * for (var _i = 4; _i < arguments.length; _i++) {
\n * * pass[_i - 4] =
arguments[_i];
\n * * }
\n * * return _this.ngZone.runOutsideAngular(function ()
{
\n * * return intervalDelegate.apply(void 0, __spread([function () {
\n * * var args = [];
\n * * for (var _i = 0; _i < arguments.length; _i++) {
\n * * args[_i] = arguments[_i];
\n * * }
\n * * // Run callback
in the next VM turn - $interval calls
\n * * // $rootScope.$apply, and running the callback
in NgZone will
\n * * // cause a '$digest already in progress' error if it's in the
\n * * // same vm turn.
\n * * setTimeout(function () { _this.ngZone.run(function
() { return fn.apply(void 0, __spread(args)); }); });
\n * * }, delay, count, invokeApply),
\n * * wrappedInterval['cancel'] =
intervalDelegate.cancel;
\n * * return wrappedInterval;
\n * * }
\n * * });
}

```

```

}
})
.run(function ($injector) {
  _this.$injector = $injector; // Initialize the ng1 $injector provider
  setTempInjectorRef($injector); // Put the injector on the
  // DOM, so that it can be "required"
  element(element$1).data(controllerKey(INJECTOR_KEY),
  _this.injector); // Wire up the ng1 rootScope to run a digest cycle whenever the zone settles
  // We need to do this in the next tick so that we don't prevent the bootup // stabilizing
  setTimeout(function () {
    var $rootScope = $injector.get('$rootScope');
    var
    subscription = _this.ngZone.onMicrotaskEmpty.subscribe(function () {
      if ($rootScope.$$phase)
      if (core.isDevMode()) console.warn('A digest was triggered while
      one was already in progress. This may mean that something is triggering digests outside the Angular zone.');

```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1047774535_1591199783.98/0/angular-upgrade-9-0-7-src-zip/bundles/upgrade-static.umd.min.js.map

No license file was found, but licenses were detected in source scan.

```

{"version":3,"file":"static__testing.js","sources":["../../../../../packages/upgrade/src/common/src/angular1.ts","../../..

```

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../../../../packages/upgrade/src/common/src/constants.ts", "../../../../packages/upgrade/static/testing/src/create_angular_testing_module.ts", "../../../../packages/upgrade/static/testing/src/create_angularjs_testing_module.ts", "../../../../packages/upgrade/static/testing/public_api.ts", "../../../../packages/upgrade/static/testing/index.ts", "../../../../packages/upgrade/static/testing/testing.ts"], "sourcesContent": ["/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license\n */\n\nexport type Ng1Token = string;\n\nexport type Ng1Expression = string | Function;\n\nexport interface IAnnotatedFunction extends Function {\n  // Older versions of `@types/angular` typings extend the global `Function` interface with\n  // `$inject?: string[]`, which is not compatible with `$inject?: ReadonlyArray<string>` (used in\n  // latest versions).\n  $inject?: Function extends {$inject?: string[]}? Ng1Token[]: ReadonlyArray<Ng1Token>;\n}\n\nexport type IInjectable = (Ng1Token | Function)[] | IAnnotatedFunction;\n\nexport type SingleOrListOrMap<T> = T | T[] | {[key: string]: T};\n\nexport interface IModule {\n  name: string;\n  requires: (string | IInjectable)[];\n  config(fn: IInjectable): IModule;\n  directive(selector: string, factory: IInjectable): IModule;\n  component(selector: string, component: IComponent): IModule;\n  controller(name: string, type: IInjectable): IModule;\n  factory(key: Ng1Token, factoryFn: IInjectable): IModule;\n  value(key: Ng1Token, value: any): IModule;\n  constant(token: Ng1Token, value: any): IModule;\n  run(a: IInjectable): IModule;\n}\n\nexport interface ICompileService {\n  (element: Element | NodeList | Node[] | string, transclude?: Function): ILinkFn;\n}\n\nexport interface ILinkFn {\n  (scope: IScope, cloneAttachFn?: ICloneAttachFunction, options?: ILinkFnOptions): IAugmentedJQuery;\n  $$slots?: {[slotName: string]: ILinkFn};\n}\n\nexport interface ILinkFnOptions {\n  parentBoundTranscludeFn?: Function;\n  transcludeControllers?: {[key: string]: any};\n  futureParentElement?: Node;\n}\n\nexport interface IRootScopeService {\n  $new(isolate?: boolean): IScope;\n  $id: string;\n  $parent: IScope;\n  $root: IScope;\n  $watch(exp: Ng1Expression, fn?: (a1?: any, a2?: any) => void): Function;\n  $on(event: string, fn?: (event?: any, ...args: any[]) => void): Function;\n  $destroy(): any;\n  $apply(exp?: Ng1Expression): any;\n  $digest(): any;\n  $evalAsync(exp: Ng1Expression, locals?: any): void;\n  $on(event: string, fn?: (event?: any, ...args: any[]) => void): Function;\n  $$childTail: IScope;\n  $$childHead: IScope;\n  $$nextSibling: IScope;\n  [key: string]: any;\n}\n\nexport interface IScope extends IRootScopeService {\n}\n\nexport interface IAngularBootstrapConfig {\n  strictDi?: boolean;\n}\n\nexport interface IDirective {\n  compile?: IDirectiveCompileFn;\n  controller?: IController;\n  controllerAs?: string;\n  bindToController?: boolean | {[key: string]: string};\n  link?: IDirectiveLinkFn | IDirectivePrePost;\n  name?: string;\n  priority?: number;\n  replace?: boolean;\n  require?: DirectiveRequireProperty;\n  restrict?: string;\n  scope?: boolean | {[key: string]: string};\n  template?: string | Function;\n  templateUrl?: string | Function;\n  templateNamespace?: string;\n  terminal?: boolean;\n  transclude?: DirectiveTranscludeProperty;\n}\n\nexport type DirectiveRequireProperty = SingleOrListOrMap<string>;\n\nexport type DirectiveTranscludeProperty = boolean | 'element' | {[key: string]: string};\n\nexport interface IDirectiveCompileFn {\n  (templateElement: IAugmentedJQuery, templateAttributes: IAttributes, transclude: ITranscludeFunction): IDirectivePrePost;\n}\n\nexport interface IDirectivePrePost {\n  pre?: IDirectiveLinkFn;\n  post?: IDirectiveLinkFn;\n}\n\nexport interface IDirectiveLinkFn {\n  (scope: IScope, instanceElement: IAugmentedJQuery, instanceAttributes: IAttributes, controller: any, transclude: ITranscludeFunction): void;\n}\n\nexport interface IComponent {\n  bindings?: {[key: string]: string};\n  controller?: string | IInjectable;\n  controllerAs?: string;\n  require?: DirectiveRequireProperty;\n  template?: string | Function;\n  templateUrl?: string | Function;\n  transclude?: DirectiveTranscludeProperty;\n}\n\nexport interface IAttributes {\n  $observe(attr: string, fn: (v: string) => void): void;\n  [key: string]: any;\n}\n\nexport interface ITranscludeFunction {\n  // If the scope is provided, then the cloneAttachFn must be as well.\n  (scope: IScope, cloneAttachFn: ICloneAttachFunction): IAugmentedJQuery;\n  // If one argument is provided, then it's assumed to be the cloneAttachFn.\n  (cloneAttachFn?: ICloneAttachFunction): IAugmentedJQuery;\n}\n\nexport interface ICloneAttachFunction {\n  (clonedElement: IAugmentedJQuery, scope: IScope): any;\n}\n\nexport type IAugmentedJQuery = Node[] & {\n  on?: (name: string, fn: () => void) => void;\n  data?: (name: string, value?: any) => any;\n  text?: () => string;\n  inheritedData?: (name: string, value?: any) => any;\n  contents?: () => IAugmentedJQuery;\n  parent?: () => IAugmentedJQuery;\n  empty?: () => void;\n  append?: (content: IAugmentedJQuery | string) => IAugmentedJQuery;\n  controller?: (name: string) => any;\n}

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isolateScope?: () => IScope;\n injector?: () => IInjectorService;\n triggerHandler?: (eventTypeOrObject: string |
Event, extraParameters?: any[]) => IAugmentedJQuery;\n remove?: () => void;\n removeData?: () =>
void;\n};\n\nexport interface IProvider { $get: IInjectable; }\n\nexport interface IProvideService {\n provider(token:
Ng1Token, provider: IProvider): IProvider;\n factory(token: Ng1Token, factory: IInjectable): IProvider;\n
service(token: Ng1Token, type: IInjectable): IProvider;\n value(token: Ng1Token, value: any): IProvider;\n
constant(token: Ng1Token, value: any): void;\n decorator(token: Ng1Token, factory: IInjectable): void;\n}\n\nexport
interface IParseService { (expression: string): ICompiledExpression; }\n\nexport interface ICompiledExpression {\n
(context: any, locals: any): any;\n assign?: (context: any, value: any) => any;\n}\n\nexport interface
IHttpBackendService {\n (method: string, url: string, post?: any, callback?: Function, headers?: any, timeout?:
number,\n withCredentials?: boolean): void;\n}\n\nexport interface ICacheObject {\n put<T>(key: string, value?: T):
T;\n get(key: string): any;\n}\n\nexport interface ITemplateCacheService extends ICacheObject { }\n\nexport interface
ITemplateRequestService {\n (template: string|any /* TrustedResourceUrl */, ignoreRequestError?: boolean):
Promise<string>;\n totalPendingRequests: number;\n}\n\nexport type IController = string | IInjectable;\n\nexport
interface IControllerService {\n (controllerConstructor: IController, locals?: any, later?: any, ident?: any): any;\n
(controllerName: string, locals?: any): any;\n}\n\nexport interface IInjectorService {\n get(key: string): any;\n
has(key: string): boolean;\n}\n\nexport interface IIntervalService {\n (func: Function, delay: number, count?:
number, invokeApply?: boolean,\n ...args: any[]): Promise<any>;\n cancel(promise: Promise<any>):
boolean;\n}\n\nexport interface ITestabilityService {\n findBindings(element: Element, expression: string,
opt_exactMatch?: boolean): Element[];\n findModels(element: Element, expression: string, opt_exactMatch?:
boolean): Element[];\n getLocation(): string;\n setLocation(url: string): void;\n whenStable(callback: Function):
void;\n}\n\nexport interface INgModelController {\n $render(): void;\n $isEmpty(value: any): boolean;\n
$setValidity(validationErrorKey: string, isValid: boolean): void;\n $setPristine(): void;\n $setDirty(): void;\n
$setUntouched(): void;\n $setTouched(): void;\n $rollbackViewValue(): void;\n $validate(): void;\n
$commitViewValue(): void;\n $setViewValue(value: any, trigger: string): void;\n\n $viewValue: any;\n
$modelValue: any;\n $parsers: Function[];\n $formatters: Function[];\n $validators: {[key: string]: Function};\n
$asyncValidators: {[key: string]: Function};\n $viewChangeListeners: Function[];\n $error: Object;\n $pending:
Object;\n $untouched: boolean;\n $touched: boolean;\n $pristine: boolean;\n $dirty: boolean;\n $valid: boolean;\n
$invalid: boolean;\n $name: string;\n}\n\nfunction noNg(): never {\n throw new Error('AngularJS v1.x is not
loaded!');\n}\n\nconst noNgElement: typeof angular.element = ((() => noNg()) as any);\nnoNgElement.cleanData =
noNg;\n\nlet angular: {\n bootstrap: (e: Element, modules: (string | IInjectable)[], config?:
IAngularBootstrapConfig) =>\n IInjectorService,\n module: (prefix: string, dependencies?: string[]) =>
IModule,\n element: {\n (e: string | Element | Document | IAugmentedJQuery): IAugmentedJQuery;\n
cleanData: (nodes: Node[] | NodeList) => void;\n },\n injector: (modules: Array<string|IInjectable>, strictDi?:
boolean) => IInjectorService,\n version: {major: number},\n resumeBootstrap: () => void,\n getTestability: (e:
Element) => ITestabilityService\n } = {\n bootstrap: noNg,\n module: noNg,\n element: noNgElement,\n injector:
noNg,\n version: undefined as any,\n resumeBootstrap: noNg,\n getTestability: noNg\n};\n\nntry {\n if
(window.hasOwnProperty('angular')) {\n angular = (<any>window).angular;\n }\n } catch {\n // ignore in CJS
mode.\n}\n\n/**\n * @deprecated Use `setAngularJSGlobal` instead.\n *\n * @publicApi\n */\n\nexport function
setAngularLib(ng: any): void {\n setAngularJSGlobal(ng);\n}\n\n/**\n * @deprecated Use `getAngularJSGlobal`
instead.\n *\n * @publicApi\n */\n\nexport function getAngularLib(): any {\n return
getAngularJSGlobal();\n}\n\n/**\n * Resets the AngularJS global.\n *\n * Used when AngularJS is loaded lazily,
and not available on `window`.\n *\n * @publicApi\n */\n\nexport function setAngularJSGlobal(ng: any): void {\n
angular = ng;\n}\n\n/**\n * Returns the current AngularJS global.\n *\n * @publicApi\n */\n\nexport function
getAngularJSGlobal(): any {\n return angular;\n}\n\nexport const bootstrap: typeof angular.bootstrap = (e, modules,
config?) =>\n angular.bootstrap(e, modules, config);\n\n// Do not declare as `module` to avoid webpack bug\n//
(see https://github.com/angular/angular/issues/30050).\n\nexport const module_: typeof angular.module = (prefix,
dependencies?) =>\n angular.module(prefix, dependencies);\n\nexport const element: typeof angular.element = (e
=> angular.element(e)) as typeof angular.element;\n\nelement.cleanData = nodes =>

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angular.element.cleanData(nodes);\n\nexport const injector: typeof angular.injector => (modules:
Array<string|IInjectable>, strictDi?: boolean) => angular.injector(modules, strictDi);\n\nexport const
resumeBootstrap: typeof angular.resumeBootstrap = () => angular.resumeBootstrap();\n\nexport const
getTestability: typeof angular.getTestability = e => angular.getTestability(e);\n", "/*\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\n\nexport const $COMPILE = '$compile';\nexport const
$CONTROLLER = '$controller';\nexport const $DELEGATE = '$delegate';\nexport const
$EXCEPTION_HANDLER = '$exceptionHandler';\nexport const $HTTP_BACKEND = '$httpBackend';\nexport
const $INJECTOR = '$injector';\nexport const $INTERVAL = '$interval';\nexport const $PARSE = '$parse';\nexport
const $PROVIDE = '$provide';\nexport const $ROOT_SCOPE = '$rootScope';\nexport const $SCOPE =
$scope';\nexport const $TEMPLATE_CACHE = '$templateCache';\nexport const $TEMPLATE_REQUEST =
$templateRequest';\n\nexport const $TESTABILITY = '$$testability';\n\nexport const COMPILER_KEY =
'$angularCompiler';\nexport const DOWNGRADED_MODULE_COUNT_KEY =
'$angularDowngradedModuleCount';\nexport const GROUP_PROJECTABLE_NODES_KEY =
'$angularGroupProjectableNodes';\nexport const INJECTOR_KEY = '$angularInjector';\nexport const
LAZY_MODULE_REF = '$angularLazyModuleRef';\nexport const NG_ZONE_KEY =
'$angularNgZone';\nexport const UPGRADE_APP_TYPE_KEY = '$angularUpgradeAppType';\n\nexport const
REQUIRE_INJECTOR = '?^^' + INJECTOR_KEY;\nexport const REQUIRE_NG_MODEL =
'?ngModel';\n\nexport const UPGRADE_MODULE_NAME = '$$UpgradeModule';\n", "/*\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport { Injector, NgModule, Type } from
'@angular/core';\n\nimport * as angular from '../././src/common/src/angular!';\nimport { $INJECTOR,
INJECTOR_KEY, UPGRADE_APP_TYPE_KEY } from '../././src/common/src/constants';\nimport
{ UpgradeAppType } from '../././src/common/src/util';\n\nlet $injector: angular.IInjectorService|null = null;\n\nlet
injector: Injector;\n\nexport function $injectorFactory() {\n  return $injector;\n}\n\n@NgModule({providers:
[{\n  provide: $INJECTOR, useFactory: $injectorFactory\n}]}))\n\nexport class AngularTestingModule {\n  constructor(i:
Injector) {\n    injector = i;\n  }\n}\n\n/**\n * A helper function to use when unit testing Angular services that depend upon
upgraded AngularJS\n * services.\n * This function returns an `NgModule` decorated class that is configured to
wire up the Angular\n * and AngularJS injectors without the need to actually bootstrap a hybrid application.\n *
This makes it simpler and faster to unit test services.\n * Use the returned class as an `import` when
configuring the ` TestBed`.\n * In the following code snippet, we are configuring the TestBed with two
imports.\n * The `Ng2AppModule` is the Angular part of our hybrid application and the `ng1AppModule` is the\n *
AngularJS part.\n * <code-example path="upgrade/static/ts/full/module.spec.ts" region="angular-setup"></code-example>\n *
Once this is done we can get hold of services via the Angular `Injector` as
normal.\n * Services that are (or have dependencies on) an upgraded AngularJS service, will be instantiated\n * as
needed by the AngularJS `injector`.\n * In the following code snippet, `HeroesService` is an Angular service
that depends upon an\n * AngularJS service, `titleCase`.\n * <code-example
path="upgrade/static/ts/full/module.spec.ts" region="angular-spec"></code-example>\n * <div class="alert
is-important">\n * This helper is for testing services not Components.\n * For Component testing you must still
bootstrap a hybrid app. See `UpgradeModule` or\n * `downgradeModule` for more information.\n * </div>\n *
<div class="alert is-important">\n * The resulting configuration does not wire up AngularJS digests to Zone
hooks. It is the\n * responsibility of the test writer to call `rootScope.$apply`, as necessary, to trigger\n *
AngularJS handlers of async events from Angular.\n * </div>\n * <div class="alert is-important">\n * The helper
sets up global variables to hold the shared Angular and AngularJS injectors.\n * * Only call this helper once per
spec.\n * * Do not use `createAngularTestingModule` in the same spec as `createAngularJSTestingModule`.\n *
</div>\n * Here is the example application and its unit tests that use `createAngularTestingModule` and
`createAngularJSTestingModule`.\n * <code-tabs>\n * <code-pane header="module.spec.ts"\n *
path="upgrade/static/ts/full/module.spec.ts"></code-pane>\n * <code-pane header="module.ts">

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path="upgrade/static/ts/full/module.ts"></code-pane>\n * </code-tabs>\n *\n * @param angularJSMModules a
collection of the names of AngularJS modules to include in the\n * configuration.\n * @param [strictDi] whether the
AngularJS injector should have `strictDI` enabled.\n *\n * @publicApi\n *\nexport function
createAngularTestingModule(\n  angularJSMModules: string[], strictDi?: boolean): Type<any> {\n
angular.module_('$angularJSTestingModule', angularJSMModules)\n  .constant(UPGRADE_APP_TYPE_KEY,
UpgradeAppType.Static)\n  .factory(INJECTOR_KEY, () => injector);\n  $injector = angular.injector(['ng',
'$angularJSTestingModule'], strictDi);\n  return AngularTestingModule;\n}\n"/**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n *\n\nimport { Injector } from '@angular/core';\nimport
{ TestBed } from '@angular/core/testing';\nimport * as ng from './../src/common/src/angular1';\nimport
{$INJECTOR, INJECTOR_KEY, UPGRADE_APP_TYPE_KEY} from './../src/common/src/constants';\nimport
{ UpgradeAppType } from './../src/common/src/util';\n\n\n/**\n * A helper function to use when unit testing
AngularJS services that depend upon downgraded Angular\n * services.\n *\n * This function returns an AngularJS
module that is configured to wire up the AngularJS and Angular\n * injectors without the need to actually bootstrap
a hybrid application.\n * This makes it simpler and faster to unit test services.\n *\n * Use the returned AngularJS
module in a call to\n *
[angular.mocks.module`](https://docs.angularjs.org/api/ngMock/function/angular.mock.module) to\n * include this
module in the unit test injector.\n *\n * In the following code snippet, we are configuring the `$injector` with two
modules:\n * The AngularJS `ng1AppModule`, which is the AngularJS part of our hybrid application and the\n *
`Ng2AppModule`, which is the Angular part.\n *\n * <code-example path="upgrade/static/ts/full/module.spec.ts"\n *
region="angularjs-setup"></code-example>\n *\n * Once this is done we can get hold of services via the
AngularJS `$injector` as normal.\n * Services that are (or have dependencies on) a downgraded Angular service,
will be instantiated as\n * needed by the Angular root `Injector`.\n *\n * In the following code snippet,
`heroesService` is a downgraded Angular service that we are\n * accessing from AngularJS.\n *\n * <code-example
path="upgrade/static/ts/full/module.spec.ts"\n * region="angularjs-spec"></code-example>\n *\n * <div
class="alert is-important">\n *\n * This helper is for testing services not components.\n * For Component testing
you must still bootstrap a hybrid app. See `UpgradeModule` or\n * `downgradeModule` for more information.\n *\n *
</div>\n *\n * <div class="alert is-important">\n *\n * The resulting configuration does not wire up AngularJS
digests to Zone hooks. It is the\n * responsibility of the test writer to call `$rootScope.$apply`, as necessary, to
trigger\n * AngularJS handlers of async events from Angular.\n *\n * </div>\n *\n * <div class="alert is-
important">\n *\n * The helper sets up global variables to hold the shared Angular and AngularJS injectors.\n *\n *
* Only call this helper once per spec.\n * * Do not use `createAngularJSTestingModule` in the same spec as
`createAngularTestingModule`.\n *\n * </div>\n *\n * Here is the example application and its unit tests that use
`createAngularTestingModule`\n * and `createAngularJSTestingModule`.\n *\n * <code-tabs>\n * <code-pane
header="module.spec.ts" path="upgrade/static/ts/full/module.spec.ts"></code-pane>\n * <code-pane
header="module.ts" path="upgrade/static/ts/full/module.ts"></code-pane>\n * </code-tabs>\n *\n *\n * @param
angularModules a collection of Angular modules to include in the configuration.\n *\n * @publicApi\n *\nexport
function createAngularJSTestingModule(angularModules: any[]): string {\n  return
ng.module_('$angularJSTestingModule', [])\n  .constant(UPGRADE_APP_TYPE_KEY,
UpgradeAppType.Static)\n  .factory(\n    INJECTOR_KEY,\n    [\n      $INJECTOR,\n
($injector: ng.IInjectorService) => {\n      TestBed.configureTestingModule({\n        imports:\n
angularModules,\n        providers: [{ provide: $INJECTOR, useValue: $injector}]\n      });\n      return
TestBed.inject(Injector);\n    }]\n  ).name;\n}\n"/**\n * @license\n * Copyright Google Inc. All
Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n *\n\nexport { createAngularTestingModule } from
'./src/create_angular_testing_module';\nexport { createAngularJSTestingModule } from
'./src/create_angularjs_testing_module';\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n *
Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at

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https://angular.io/license\n *\n\nexport * from './public_api';\n"/**\n * Generated bundle index. Do not edit.\n *\n\nexport * from './index';\n\nexport { module_as Éµangular_packages_upgrade_static_testing_testing_a } from\n '././src/common/src/angular1';\n\nexport { INJECTOR_KEY as\n Éµangular_packages_upgrade_static_testing_testing_d,UPGRADE_APP_TYPE_KEY as\n Éµangular_packages_upgrade_static_testing_testing_b } from '././src/common/src/constants';\n\nexport\n { UpgradeAppType as Éµangular_packages_upgrade_static_testing_testing_c } from\n '././src/common/src/util';\n\n;","names":["injector","angular.module_","angular.injector","ng.module_"],"mappings":";;\n;AAAA;AA0NA,SAAS,IAAI;IACX,MAAM,IAAI,KAAC,CAAC,+BAA+B,CAAC,CAAC;CACID;AAE\nD,IAAM,WAAW,IAA4B,cAAM,OAAA,IAAI,EAAE,GAAA,CAAQ,CAAC;AACIE,WAAW,CAAC,SAAS,GAA\nG,IAAI,CAAC;AAE7B,IAAI,OAAO,GAYP;IACF,SAAS,EAAE,IAAI;IACf,MAAM,EAAE,IAAI;IACZ,OAAO,E\nAAE,WAAW;IACpB,QAAQ,EAAE,IAAI;IACd,OAAO,EAAE,SAAgB;IACzB,eAAe,EAAE,IAAI;IACrB,cAAc,E\nAAE,IAAI;CACrB,CAAC;AAEF,IAAI;IACF,IAAI,MAAM,CAAC,cAAc,CAAC,SAAS,CAAC,EAAE;QACpC,O\nAAO,GAAS,MAAO,CAAC,OAAO,CAAC;KACjC;CACF;AAAC,WAAW;;CAEP;AAOD,SAAgB,aAAa,CAA\nC,EAAO;IACnC,kBAaB,CAAC,EAAE,CAAC,CAAC;CACxB;AAOD,SAAgB,aAAa;IAC3B,OAAO,kBAaB\nB,EAAE,CAAC;CAC7B;AASD,SAAgB,kBAaB,CAAC,EAAO;IACxC,OAAO,GAAG,EAAE,CAAC;CACD\n;AAOD,SAAgB,kBAaB;IAChC,OAAO,OAAO,CAAC;CACbB;AAED,AAAO,IAAM,SAAS,GAA6B,UAAC\n,CAAC,EAAE,OAAO,EAAE,MAAO;IACnE,OAAA,OAAO,CAAC,SAAS,CAAC,CAAC,EAAE,OAAO,EAAE,M\nAAM,CAAC;CAAA,CAAC;;AAIIC,IAAa,OAAO,GAA0B,UAAC,MAAM,EAAE,YAAa;IACHe,OAAA,OAAO,\nCAAC,MAAM,CAAC,MAAM,EAAE,YAAy,CAAC;CAAA,CAAC;AAEzC,AAAO,IAAM,OAAO,IAA4B,UAA\nA,CAAC,IAAI,OAAA,OAAO,CAAC,OAAO,CAAC,CAAC,CAAC,GAAA,CAA2B,CAAC;AACnG,OAAO,CAA\nC,SAAS,GAAG,UAAA,KAAC,IAAI,OAAA,OAAO,CAAC,OAAO,CAAC,SAAS,CAAC,KAAC,CAAC,GAAA,C\nAAC;AAE9D,AAAO,IAAM,QAAQ,GACjB,UAAC,OAaK,EAAE,QAAkB,IAAK,OAAA,OAAO,CAAC,QAAQ,\nCAAC,OAAO,EAAE,QAAQ,CAAC,GAAA,CAAC;AAEpG,AAAO,IAAM,eAAe,GAAM,cAAM,OAAA,OAAO,\nCAAC,eAAe,EAAE,GAAA,CAAC;AAE/F,AAAO,IAAM,cAAc,GAaK,UAAA,CAAC,IAAI,OAAA,OAAO,CA\nAC,cAAc,CAAC,CAAC,GAAA,CAAC;ACrT5F;AAQA,AAAO,IAAM,QAAQ,GAAG,UAAU,CAAC;\nAACnC,AAAO,IAAM,WAAW,GAAG,aAAa,CAAC;AACzC,AAAO,IAAM,SAAS,GAAG,WAAW,CAAC;AACr\nC,AAAO,IAAM,kBAaB,GAAG,mBAaB,CAAC;AACtD,AAAO,IAAM,aAAa,GAAG,cAAc,CAAC;AAC5C,\nAAAO,IAAM,SAAS,GAAG,WAAW,CAAC;AACrC,AAAO,IAAM,SAAS,GAAG,WAAW,CAAC;AACrC,AAA\nO,IAAM,MAAM,GAAG,QAAQ,CAAC;AAC/B,AAAO,IAAM,QAAQ,GAAG,UAAU,CAAC;AACnC,AAAO,IA\nAM,WAAW,GAAG,YAAy,CAAC;AACxC,AAAO,IAAM,MAAM,GAAG,QAAQ,CAAC;AAC/B,AAAO,IAAM,\neAAe,GAAG,gBAaB,CAAC;AACChD,AAAO,IAAM,iBAaB,GAAG,kBAaB,CAAC;AAEpD,AAAO,IAAM,a\nAAa,GAAG,eAAe,CAAC;AAE7C,AAAO,IAAM,YAAy,GAAG,mBAaB,CAAC;AACChD,AAAO,IAAM,2BAA\n2B,GAAG,gCAaG,CAAC;AAC5E,AAAO,IAAM,2BAA2B,GAAG,gCAaG,CAAC;AAC5E,IAAa,YAAy,GAA\nG,mBAaB,CAAC;AACChD,AAAO,IAAM,eAAe,GAAG,wBAaB,CAAC;AACxD,AAAO,IAAM,WAAW,GA\nAG,iBAaB,CAAC;AAC7C,IAAa,oBAAoB,GAAG,yBAaY,CAAC;AAE9D,AAAO,IAAM,gBAaB,GAAG,KA\nAK,GAAG,YAAy,CAAC;AACrD,AAAO,IAAM,gBAaB,GAAG,UAAU,CAAC;AAE3C,AAAO,IAAM,mBAA\nmB,GAAG,iBAaB,CAAC;AACnCrD;AACa,IAAI,SAAS,GAaK,IAAI,CAAC;AACpD,IAAIA,UAAkB,CAA\nC;AAEvB,SAAgB,gBAaB;IAC9B,OAAO,SAAS,CAAC;CACIB;AAGD;IACE,8BAAy,CAAW;QAAIA,UAAQ,\nGAAG,CAAC,CAAC;KAAE;IAD/B,oBAAoB;QADhC,QAAQ,CAAC,EAAC,SAAS,EAAE,CAAC,EAAC,OAAO\n,EAAE,SAAS,EAAE,UAAU,EAAE,gBAaB,EAAC,CAAC,EAAC,CAAC;yCAE3D,QAAQ;OADZ,oBAAoB,CA\nEhC;IAAD,2BAAC;CAFD,IAEC;AAED;AAiEA,SAAgB,0BAA0B,C\nACtC,gBAA0B,EAAE,QAAkB;IACChD,OAAe,CAAC,0BAA0B,EAAE,gBAaB,CAAC;SACxD,QAAQ,CAAC,\noBAAoB,iBAaB;SACrD,OAAO,CAAC,YAAy,EAAE,cAAM,OAAAD,UAAQ,GAAA,CAAC,CAAC;IAC3C,S\nAAS,GAAGE,QAAgB,CAAC,CAAC,IAAI,EAAE,0BAA0B,CAAC,EAAE,QAAQ,CAAC,CAAC;IAC3E,OAAO,\noBAAoB,CAAC;CAC7B;ACIGD;AAQA,AAQA;AAmEA,SAA\ngB,4BAA4B,CAAC,cAAqB;IACHe,OAAOC,OAAU,CAAC,0BAA0B,EAAE,EAAE,CAAC;SAC5C,QAAQ,CAA\nC,oBAAoB,iBAaB;SACrD,OAAO,CACJ,YAAy,EACZ;QACE,SAAS;QACT,UAAC,SAA8B;YAC7B,OAAO,C\nAAC,sBAAsB,CAAC;gBAC7B,OAAO,EAAE,cAAc;gBACvB,SAAS,EAAE,CAAC,EAAC,OAAO,EAAE,SAAS,
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EAAE,QAAQ,EAAE,SAAS,EAAC,CAAC;aACvD,CAAC,CAAC;YACH,OAAO,OAAO,CAAC,MAAM,CAAC,
QAAQ,CAAC,CAAC;SACjC;KACF,CAAC;SACL,IAAI,CAAC;CACX;;ACnGD;;;;;GAMG;;ACNH;;;;;GAMG;;
ACNH;;GAEG;;;;}

Found in path(s):

*/opt/ws_local/PERMITS_SQL/1047774535_1591199783.98/0/angular-upgrade-9-0-7-src-
zip/fesm5/static/testing.js.map

No license file was found, but licenses were detected in source scan.

```
{"version":3,"file":"upgrade.umd.js","sources":["../../../../packages/upgrade/src/common/src/version.ts","../../../../external/npm/node_modules/tslib/tslib.es6.js","../../../../packages/upgrade/src/common/src/angular1.ts","../../../../packages/upgrade/src/common/src/constants.ts","../../../../packages/upgrade/src/common/src/component_info.ts","../../../../packages/upgrade/src/common/src/util.ts","../../../../packages/upgrade/src/common/src/downgrade_component_adapter.ts","../../../../packages/upgrade/src/common/src/promise_util.ts","../../../../packages/upgrade/src/common/src/downgrade_component.ts","../../../../packages/upgrade/src/common/src/downgrade_injectable.ts","../../../../packages/upgrade/src/common/src/upgrade_helper.ts","../../../../packages/upgrade/src/dynamic/src/upgrade_ng1_adapter.ts","../../../../packages/upgrade/src/dynamic/src/upgrade_adapter.ts","../../../../packages/upgrade/public_api.ts","../../../../packages/upgrade/index.ts","../../../../packages/upgrade/upgrade.ts"],"sourcesContent":["/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license\n * \n * @module\n * @description\n * Entry point for all public APIs of the common package.\n * \n * @import {Version} from '@angular/core';\n * \n * @publicApi\n * \n * @export const VERSION = new Version('9.0.7');\n */
```

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*****\r\nCopyright (c) Microsoft Corporation. All rights reserved.\r\nLicensed under the Apache License, Version 2.0 (the "License"); you may not use\r\nthis file except in compliance with the License. You may obtain a copy of the\r\nLicense at http://www.apache.org/licenses/LICENSE-2.0\r\n\r\nTHIS CODE IS PROVIDED ON AN *AS IS* BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY\r\nKIND, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED\r\nWARRANTIES OR CONDITIONS OF TITLE, FITNESS FOR A PARTICULAR PURPOSE,\r\nMERCHANTABILITY OR NON-INFRINGEMENT.\r\n\r\nSee the Apache Version 2.0 License for specific language governing permissions\r\nand limitations under the License.\r\n*****\r\n\r\n/*\r\n * global Reflect, Promise\n * \r\n * @module\r\n * @description\r\n * \r\n * @import {Array} from '@angular/core';\r\n * \r\n * @export function __extends(d, b) {\r\n *   extendStatics(d, b);\r\n *   function __() { this.constructor = d; }\r\n *   d.prototype = b === null ? Object.create(b) : (__proto = b.prototype, new ());\r\n * }\r\n * \r\n * @export var __assign = function() {\r\n *   __assign = Object.assign || function __assign(t) {\r\n *     for (var s, i = 1, n = arguments.length; i < n; i++) {\r\n *       s = arguments[i];\r\n *       for (var p in s) if (Object.prototype.hasOwnProperty.call(s, p)) t[p] = s[p];\r\n *     }\r\n *     return t;\r\n *   }\r\n *   return __assign.apply(this, arguments);\r\n * }\r\n * \r\n * @export function __rest(s, e) {\r\n *   var t = {};\r\n *   for (var p in s) if (Object.prototype.hasOwnProperty.call(s, p) && e.indexOf(p) < 0)\r\n *     t[p] = s[p];\r\n *   if (s != null && typeof Object.getOwnPropertySymbols === "function")\r\n *     for (var i = 0, p = Object.getOwnPropertySymbols(s); i < p.length; i++) {\r\n *       if (e.indexOf(p[i]) < 0 && Object.prototype.propertyIsEnumerable.call(s, p[i]))\r\n *         t[p[i]] = s[p[i]];\r\n *     }\r\n *   return t;\r\n * }\r\n * \r\n * @export function __decorate(decorators, target, key, desc) {\r\n *   var c = arguments.length, r = c < 3 ? target : desc === null ? desc = Object.getOwnPropertyDescriptor(target, key) : desc, d;\r\n *   if (typeof Reflect === "object" && typeof Reflect.decorate === "function") r = Reflect.decorate(decorators, target, key, desc);\r\n *   else for (var i = decorators.length - 1; i >= 0; i--) if (d = decorators[i]) r = (c < 3 ? d(r) : c > 3 ? d(target, key, r) : d(target,
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key)) || r;\r\n  return c > 3 && r && Object.defineProperty(target, key, r, r);\r\n\r\n\r\nexport function
__param(paramIndex, decorator) {\r\n  return function (target, key) { decorator(target, key, paramIndex);
}\r\n}\r\n\r\n\r\nexport function __metadata(metadataKey, metadataValue) {\r\n  if (typeof Reflect === \"object\" &&
typeof Reflect.metadata === \"function\") return Reflect.metadata(metadataKey, metadataValue);\r\n}\r\n\r\n\r\nexport
function __awaiter(thisArg, _arguments, P, generator) {\r\n  return new (P || (P = Promise))(function (resolve,
reject) {\r\n    function fulfilled(value) { try { step(generator.next(value)); } catch (e) { reject(e); } }\r\n
function rejected(value) { try { step(generator[\"throw\"](value)); } catch (e) { reject(e); } }\r\n    function
step(result) { result.done ? resolve(result.value) : new P(function (resolve) { resolve(result.value); }).then(fulfilled,
rejected); }\r\n    step((generator = generator.apply(thisArg, _arguments || [])).next());\r\n  });\r\n}\r\n\r\n\r\nexport
function __generator(thisArg, body) {\r\n  var _ = { label: 0, sent: function() { if (t[0] & 1) throw t[1]; return t[1];
}, trys: [], ops: [] }, f, y, t, g;\r\n  return g = { next: verb(0), \"throw\": verb(1), \"return\": verb(2) }, typeof Symbol
=== \"function\" && (g[Symbol.iterator] = function() { return this; });, g;\r\n  function verb(n) { return function (v)
{ return step([n, v]); }; }\r\n  function step(op) {\r\n    if (f) throw new TypeError(\"Generator is already
executing.\");\r\n    while (_) try {\r\n      if (f = 1, y && (t = op[0] & 2 ? y[\"return\"] : op[0] ? y[\"throw\"] ||
((t = y[\"return\"] ) && t.call(y, 0) : y.next) && !(t = t.call(y, op[1])).done) return t;\r\n      if (y = 0, t) op =
[op[0] & 2, t.value];\r\n      switch (op[0]) {\r\n        case 0: case 1: t = op; break;\r\n        case 4:
_.label++; return { value: op[1], done: false }; \r\n        case 5: _.label++; y = op[1]; op = [0]; continue;\r\n
        case 7: op = _.ops.pop(); _.trys.pop(); continue;\r\n        default:\r\n          if (!(t = _.trys, t = t.length >
0 && t[t.length - 1]) && (op[0] === 6 || op[0] === 2)) { _ = 0; continue; }\r\n          if (op[0] === 3 && (!t ||
(op[1] > t[0] && op[1] < t[3]))) { _.label = op[1]; break; }\r\n          if (op[0] === 6 && _.label < t[1]) {
_.label = t[1]; t = op; break; }\r\n          if (t && _.label < t[2]) { _.label = t[2]; _.ops.push(op); break; }\r\n
          if (t[2]) _.ops.pop(); \r\n          _.trys.pop(); continue; \r\n        }\r\n        op = body.call(thisArg,
_);\r\n      } catch (e) { op = [6, e]; y = 0; } finally { f = t = 0; }\r\n      if (op[0] & 5) throw op[1]; return { value:
op[0] ? op[1] : void 0, done: true }; \r\n    }\r\n}\r\n\r\n\r\nexport function __exportStar(m, exports) {\r\n  for (var p in
m) if (!exports.hasOwnProperty(p)) exports[p] = m[p];\r\n}\r\n\r\n\r\nexport function __values(o) {\r\n  var m = typeof
Symbol === \"function\" && o[Symbol.iterator], i = 0;\r\n  if (m) return m.call(o);\r\n  return {\r\n    next:
function () {\r\n      if (o && i >= o.length) o = void 0;\r\n      return { value: o && o[i++], done: !o }; \r\n    }
}; \r\n}\r\n\r\n\r\nexport function __read(o, n) {\r\n  var m = typeof Symbol === \"function\" &&
o[Symbol.iterator];\r\n  if (!m) return o;\r\n  var i = m.call(o), r, ar = [], e;\r\n  try {\r\n    while ((n === void 0
|| n-- > 0) && !(r = i.next()).done) ar.push(r.value);\r\n  }\r\n  catch (error) { e = { error: error }; }\r\n  finally
{\r\n    try {\r\n      if (r && !r.done && (m = i[\"return\"])) m.call(i);\r\n    }\r\n    finally { if (e) throw
e.error; }\r\n  }\r\n  return ar;\r\n}\r\n\r\n\r\nexport function __spread() {\r\n  for (var ar = [], i = 0; i <
arguments.length; i++)\r\n    ar = ar.concat(__read(arguments[i]));\r\n  return ar;\r\n}\r\n\r\n\r\nexport function
__spreadArrays() {\r\n  for (var s = 0, i = 0, il = arguments.length; i < il; i++) s += arguments[i].length;\r\n  for
(var r = Array(s), k = 0, i = 0; i < il; i++)\r\n    for (var a = arguments[i], j = 0, jl = a.length; j < jl; j++, k++)\r\n
      r[k] = a[j];\r\n  return r;\r\n}\r\n\r\n\r\nexport function __await(v) {\r\n  return this instanceof __await ? (this.v =
v, this) : new __await(v);\r\n}\r\n\r\n\r\nexport function __asyncGenerator(thisArg, _arguments, generator) {\r\n  if
(!Symbol.asyncIterator) throw new TypeError(\"Symbol.asyncIterator is not defined.\");\r\n  var g =
generator.apply(thisArg, _arguments || []), i, q = [];\r\n  return i = {}, verb(\"next\"), verb(\"throw\"),
verb(\"return\"), i[Symbol.asyncIterator] = function () { return this; };, i;\r\n  function verb(n) { if (g[n]) i[n] =
function (v) { return new Promise(function (a, b) { q.push([n, v, a, b]) > 1 || resume(n, v); }); }; }\r\n  function
resume(n, v) { try { step(g[n](v)); } catch (e) { settle(q[0][3], e); } }\r\n  function step(r) { r.value instanceof
__await ? Promise.resolve(r.value.v).then(fulfill, reject) : settle(q[0][2], r); }\r\n  function fulfill(value) {
resume(\"next\", value); }\r\n  function reject(value) { resume(\"throw\", value); }\r\n  function settle(f, v) { if
(f(v), q.shift(), q.length) resume(q[0][0], q[0][1]); }\r\n}\r\n\r\n\r\nexport function __asyncDelegator(o) {\r\n  var i,
p;\r\n  return i = {}, verb(\"next\"), verb(\"throw\"), function (e) { throw e; }, verb(\"return\"), i[Symbol.iterator] =
function () { return this; };, i;\r\n  function verb(n, f) { i[n] = o[n] ? function (v) { return (p = !p) ? { value:
__await(o[n](v)), done: n === \"return\" } : f ? f(v) : v; } : f; }\r\n}\r\n\r\n\r\nexport function __asyncValues(o) {\r\n  if

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(!Symbol.asyncIterator) throw new TypeError("Symbol.asyncIterator is not defined.");\r\n  var m =
o[Symbol.asyncIterator], i);\r\n  return m ? m.call(o) : (o = typeof __values === "function" ? __values(o) :
o[Symbol.iterator](), i = {}, verb("next"), verb("throw"), verb("return"), i[Symbol.asyncIterator] = function () {
return this; }, i);\r\n  function verb(n) { i[n] = o[n] && function (v) { return new Promise(function (resolve, reject)
{ v = o[n](v), settle(resolve, reject, v.done, v.value); }); }; };\r\n  function settle(resolve, reject, d, v) {
Promise.resolve(v).then(function(v) { resolve({ value: v, done: d }); }, reject); }\r\n\r\n\r\nexport function
__makeTemplateObject(cooked, raw) {\r\n  if (Object.defineProperty) { Object.defineProperty(cooked, "raw", {
value: raw }); } else { cooked.raw = raw; }\r\n  return cooked;\r\n};\r\n\r\n\r\nexport function __importStar(mod) {\r\n
if (mod && mod.__esModule) return mod;\r\n  var result = {};\r\n  if (mod != null) for (var k in mod) if
(Object.hasOwnProperty.call(mod, k)) result[k] = mod[k];\r\n  result.default = mod;\r\n  return
result;\r\n};\r\n\r\n\r\nexport function __importDefault(mod) {\r\n  return (mod && mod.__esModule) ? mod : {
default: mod };\r\n};\r\n};\r\n", /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this
source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n */\n\r\nexport type Ng1Token = string;\n\r\nexport type Ng1Expression = string |
Function;\n\r\nexport interface IAnnotatedFunction extends Function {\n // Older versions of `@types/angular`
typings extend the global `Function` interface with\n // `$inject?: string[]`, which is not compatible with `$inject?:
ReadonlyArray<string>` (used in\n // latest versions).\n $inject?: Function extends {$inject?: string[]}?
Ng1Token[]: ReadonlyArray<Ng1Token>;\n}\n\r\nexport type IInjectable = (Ng1Token | Function)[] |
IAnnotatedFunction;\n\r\nexport type SingleOrListOrMap<T> = T | T[] | {[key: string]: T};\n\r\nexport interface
IModule {\n name: string;\n requires: (string|IInjectable)[];\n config(fn: IInjectable): IModule;\n
directive(selector: string, factory: IInjectable): IModule;\n component(selector: string, component: IComponent):
IModule;\n controller(name: string, type: IInjectable): IModule;\n factory(key: Ng1Token, factoryFn: IInjectable):
IModule;\n value(key: Ng1Token, value: any): IModule;\n constant(token: Ng1Token, value: any): IModule;\n
run(a: IInjectable): IModule;\n}\n\r\nexport interface ICompileService {\n (element: Element|NodeList|Node[]|string,
transclude?: Function): ILinkFn;\n}\n\r\nexport interface ILinkFn {\n (scope: IScope, cloneAttachFn?:
ICloneAttachFunction, options?: ILinkFnOptions): IAugmentedJQuery;\n $$slots?: {[slotName: string]:
ILinkFn};\n}\n\r\nexport interface ILinkFnOptions {\n parentBoundTranscludeFn?: Function;\n
transcludeControllers?: {[key: string]: any};\n futureParentElement?: Node;\n}\n\r\nexport interface
IRootScopeService {\n $new(isolate?: boolean): IScope;\n $id: string;\n $parent: IScope;\n $root: IScope;\n
$watch(exp: Ng1Expression, fn?: (a1?: any, a2?: any) => void): Function;\n $on(event: string, fn?: (event?: any,
...args: any[]) => void): Function;\n $destroy(): any;\n $apply(exp?: Ng1Expression): any;\n $digest(): any;\n
$evalAsync(exp: Ng1Expression, locals?: any): void;\n $on(event: string, fn?: (event?: any, ...args: any[]) => void):
Function;\n $$childTail: IScope;\n $$childHead: IScope;\n $$nextSibling: IScope;\n [key: string]: any;\n}\n\r\nexport
interface IScope extends IRootScopeService {\n}\n\r\nexport interface IAngularBootstrapConfig { strictDi?: boolean;
}\n\r\nexport interface IDirective {\n compile?: IDirectiveCompileFn;\n controller?: IController;\n controllerAs?:
string;\n bindToController?: boolean|{[key: string]: string};\n link?: IDirectiveLinkFn|IDirectivePrePost;\n name?:
string;\n priority?: number;\n replace?: boolean;\n require?: DirectiveRequireProperty;\n restrict?: string;\n
scope?: boolean|{[key: string]: string};\n template?: string|Function;\n templateUrl?: string|Function;\n
templateNamespace?: string;\n terminal?: boolean;\n transclude?: DirectiveTranscludeProperty;\n}\n\r\nexport type
DirectiveRequireProperty = SingleOrListOrMap<string>;\n\r\nexport type DirectiveTranscludeProperty = boolean |
'element' | {[key: string]: string};\n\r\nexport interface IDirectiveCompileFn {\n (templateElement:
IAugmentedJQuery, templateAttributes: IAttributes,\n transclude: ITranscludeFunction):
IDirectivePrePost;\n}\n\r\nexport interface IDirectivePrePost {\n pre?: IDirectiveLinkFn;\n post?:
IDirectiveLinkFn;\n}\n\r\nexport interface IDirectiveLinkFn {\n (scope: IScope, instanceElement: IAugmentedJQuery,
instanceAttributes: IAttributes,\n controller: any, transclude: ITranscludeFunction): void;\n}\n\r\nexport interface
IComponent {\n bindings?: {[key: string]: string};\n controller?: string|IInjectable;\n controllerAs?: string;\n
require?: DirectiveRequireProperty;\n template?: string|Function;\n templateUrl?: string|Function;\n transclude?:
DirectiveTranscludeProperty;\n}\n\r\nexport interface IAttributes {\n $observe(attr: string, fn: (v: string) => void):

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void;\n [key: string]: any;\n}\nexport interface ITranscludeFunction {\n // If the scope is provided, then the
cloneAttachFn must be as well.\n (scope: IScope, cloneAttachFn: ICloneAttachFunction): IAugmentedJQuery;\n //
If one argument is provided, then it's assumed to be the cloneAttachFn.\n (cloneAttachFn?: ICloneAttachFunction):
IAugmentedJQuery;\n}\nexport interface ICloneAttachFunction { (clonedElement: IAugmentedJQuery, scope:
IScope): any; }\nexport type IAugmentedJQuery = Node[] & {\n on?: (name: string, fn: () => void) => void;\n
data?: (name: string, value?: any) => any;\n text?: () => string;\n inheritedData?: (name: string, value?: any) =>
any;\n contents?: () => IAugmentedJQuery;\n parent?: () => IAugmentedJQuery;\n empty?: () => void;\n
append?: (content: IAugmentedJQuery | string) => IAugmentedJQuery;\n controller?: (name: string) => any;\n
isolateScope?: () => IScope;\n injector?: () => IInjectorService;\n triggerHandler?: (eventTypeOrObject: string |
Event, extraParameters?: any[]) => IAugmentedJQuery;\n remove?: () => void;\n removeData?: () =>
void;\n};\nexport interface IProvider { $get: IInjectable; }\nexport interface IProvideService {\n provider(token:
NgIToken, provider: IProvider): IProvider;\n factory(token: NgIToken, factory: IInjectable): IProvider;\n
service(token: NgIToken, type: IInjectable): IProvider;\n value(token: NgIToken, value: any): IProvider;\n
constant(token: NgIToken, value: any): void;\n decorator(token: NgIToken, factory: IInjectable): void;\n}\nexport
interface IParseService { (expression: string): ICompiledExpression; }\nexport interface ICompiledExpression {\n
(context: any, locals: any): any;\n assign?: (context: any, value: any) => any;\n}\nexport interface
IHttpBackendService {\n (method: string, url: string, post?: any, callback?: Function, headers?: any, timeout?:
number,\n withCredentials?: boolean): void;\n}\nexport interface ICacheObject {\n put<T>(key: string, value?: T):
T;\n get(key: string): any;\n}\nexport interface ITemplateCacheService extends ICacheObject { }\nexport interface
ITemplateRequestService {\n (template: string|any /* TrustedResourceUrl */, ignoreRequestError?: boolean):
Promise<string>;\n totalPendingRequests: number;\n}\nexport type IController = string | IInjectable;\nexport
interface IControllerService {\n (controllerConstructor: IController, locals?: any, later?: any, ident?: any): any;\n
(controllerName: string, locals?: any): any;\n}\nexport interface IInjectorService {\n get(key: string): any;\n
has(key: string): boolean;\n}\nexport interface IIntervalService {\n (func: Function, delay: number, count?:
number, invokeApply?: boolean,\n ...args: any[]): Promise<any>;\n cancel(promise: Promise<any>):
boolean;\n}\nexport interface ITestabilityService {\n findBindings(element: Element, expression: string,
opt_exactMatch?: boolean): Element[];\n findModels(element: Element, expression: string, opt_exactMatch?:
boolean): Element[];\n getLocation(): string;\n setLocation(url: string): void;\n whenStable(callback: Function):
void;\n}\nexport interface INgModelController {\n $render(): void;\n $isEmpty(value: any): boolean;\n
$setValidity(validationErrorKey: string, isValid: boolean): void;\n $setPristine(): void;\n $setDirty(): void;\n
$setUntouched(): void;\n $setTouched(): void;\n $rollbackViewValue(): void;\n $validate(): void;\n
$commitViewValue(): void;\n $setViewValue(value: any, trigger: string): void;\n\n $viewValue: any;\n
$modelValue: any;\n $parsers: Function[];\n $formatters: Function[];\n $validators: {[key: string]: Function};\n
$asyncValidators: {[key: string]: Function};\n $viewChangeListeners: Function[];\n $error: Object;\n $pending:
Object;\n $untouched: boolean;\n $touched: boolean;\n $pristine: boolean;\n $dirty: boolean;\n $valid: boolean;\n
$invalid: boolean;\n $name: string;\n}\n\nfunction noNg(): never {\n throw new Error('AngularJS v1.x is not
loaded!');\n}\n\nconst noNgElement: typeOf angular.element = ((() => noNg()) as any);\nnoNgElement.cleanData =
noNg;\n\nlet angular: {\n bootstrap: (e: Element, modules: (string | IInjectable)[], config?:
IAngularBootstrapConfig) =>\n\n IInjectorService,\n module: (prefix: string, dependencies?: string[]) =>
IModule,\n element: {\n (e: string | Element | Document | IAugmentedJQuery): IAugmentedJQuery;\n
cleanData: (nodes: Node[] | NodeList) => void;\n },\n injector: (modules: Array<string|IInjectable>, strictDi?:
boolean) => IInjectorService,\n version: {major: number},\n resumeBootstrap: () => void,\n getTestability: (e:
Element) => ITestabilityService\n } = {\n bootstrap: noNg,\n module: noNg,\n element: noNgElement,\n injector:
noNg,\n version: undefined as any,\n resumeBootstrap: noNg,\n getTestability: noNg\n};\n\nntry {\n if
(window.hasOwnProperty('angular')) {\n angular = (<any>window).angular;\n }\n } catch {\n // ignore in CJS
mode.\n}\n\n/**\n * @deprecated Use `setAngularJSGlobal` instead.\n *\n * @publicApi\n */\nexport function
setAngularLib(ng: any): void {\n setAngularJSGlobal(ng);\n}\n\n/**\n * @deprecated Use `getAngularJSGlobal`
instead.\n *\n * @publicApi\n */\nexport function getAngularLib(): any {\n return

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getAngularJSGlobal();\n}\n\n/**\n * Resets the AngularJS global.\n *\n * Used when AngularJS is loaded lazily,
and not available on `window`.\n *\n * @publicApi\n */\nexport function setAngularJSGlobal(ng: any): void {\n
angular = ng;\n}\n\n/**\n * Returns the current AngularJS global.\n *\n * @publicApi\n */\nexport function
getAngularJSGlobal(): any {\n  return angular;\n}\n\nexport const bootstrap: typeof angular.bootstrap = (e, modules,
config?) =>\n  angular.bootstrap(e, modules, config);\n\n// Do not declare as `module` to avoid webpack bug\n//
(see https://github.com/angular/angular/issues/30050).\nexport const module_: typeof angular.module = (prefix,
dependencies?) =>\n  angular.module(prefix, dependencies);\n\nexport const element: typeof angular.element = (e
=> angular.element(e)) as typeof angular.element;\nelement.cleanData = nodes =>
angular.element.cleanData(nodes);\n\nexport const injector: typeof angular.injector =\n  (modules:
Array<string|IInjectable>, strictDi?: boolean) => angular.injector(modules, strictDi);\n\nexport const
resumeBootstrap: typeof angular.resumeBootstrap = () => angular.resumeBootstrap();\n\nexport const
getTestability: typeof angular.getTestability = e => angular.getTestability(e);\n\n", "/*\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\n\nexport const $COMPILE = '$compile';\nexport const
$CONTROLLER = '$controller';\nexport const $DELEGATE = '$delegate';\nexport const
$EXCEPTION_HANDLER = '$exceptionHandler';\nexport const $HTTP_BACKEND = '$httpBackend';\nexport
const $INJECTOR = '$injector';\nexport const $INTERVAL = '$interval';\nexport const $PARSE = '$parse';\nexport
const $PROVIDE = '$provide';\nexport const $ROOT_SCOPE = '$rootScope';\nexport const $SCOPE =
$scope';\nexport const $TEMPLATE_CACHE = '$templateCache';\nexport const $TEMPLATE_REQUEST =
$templateRequest';\n\nexport const $TESTABILITY = '$$testability';\n\nexport const COMPILER_KEY =
'$angularCompiler';\nexport const DOWNGRADED_MODULE_COUNT_KEY =
'$angularDowngradedModuleCount';\nexport const GROUP_PROJECTABLE_NODES_KEY =
'$angularGroupProjectableNodes';\nexport const INJECTOR_KEY = '$angularInjector';\nexport const
LAZY_MODULE_REF = '$angularLazyModuleRef';\nexport const NG_ZONE_KEY =
'$angularNgZone';\nexport const UPGRADE_APP_TYPE_KEY = '$angularUpgradeAppType';\n\nexport const
REQUIRE_INJECTOR = '?^^' + INJECTOR_KEY;\nexport const REQUIRE_NG_MODEL =
'?ngModel';\n\nexport const UPGRADE_MODULE_NAME = '$$UpgradeModule';\n\n", "/*\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n */\n\n\n * A `PropertyBinding` represents a
mapping between a property name\n * and an attribute name. It is parsed from a string of the form\n * `"prop:
attr"`; or simply `"propAndAttr"` where the property\n * and attribute have the same identifier.\n */\nexport class
PropertyBinding {\n  // TODO(issue/24571): remove '!.\n  bracketAttr!: string;\n  // TODO(issue/24571): remove
'!\n  bracketParenAttr!: string;\n  // TODO(issue/24571): remove '!.\n  parenAttr!: string;\n  //
TODO(issue/24571): remove '!.\n  onAttr!: string;\n  // TODO(issue/24571): remove '!.\n  bindAttr!: string;\n  //
TODO(issue/24571): remove '!.\n  bindonAttr!: string;\n\n  constructor(public prop: string, public attr: string) {\n
this.parseBinding();\n  }\n\n  private parseBinding() {\n    this.bracketAttr = `${this.attr}`;\n    this.parenAttr =
`${this.attr}`;\n    this.bracketParenAttr = `[(${this.attr})]`;\n    const capitalAttr =
this.attr.charAt(0).toUpperCase() + this.attr.substr(1);\n    this.onAttr = `on${capitalAttr}`;\n    this.bindAttr =
`bind${capitalAttr}`;\n    this.bindonAttr = `bindon${capitalAttr}`;\n  }\n}\n\n", "/*\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\n\nimport {Injector, Type} from
'@angular/core';\nimport {IInjectorService, INgModelController} from './angular1';\nimport
{DOWNGRADED_MODULE_COUNT_KEY, UPGRADE_APP_TYPE_KEY} from './constants';\n\nconst
DIRECTIVE_PREFIX_REGEXP = /^(?:x|data)[:|-_]i;\nconst DIRECTIVE_SPECIAL_CHARS_REGEXP = /[:\|-_]+(.)\/g;\n\nexport function onError(e: any) {\n  // TODO: (misko): We seem to not have a stack trace here!\n  if
(console.error) {\n    console.error(e, e.stack);\n  } else {\n    // tslint:disable-next-line:no-console\n    console.log(e,
e.stack);\n  }\n  throw e;\n}\n\nexport function controllerKey(name: string): string {\n  return '$' + name +
'Controller';\n}\n\nexport function directiveNormalize(name: string): string {\n  return

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name.replace(DIRECTIVE_PREFIX_REGEXP, "")\n    .replace(DIRECTIVE_SPECIAL_CHARS_REGEXP, (_,
letter) => letter.toUpperCase());\n}\n\nexport function getTypeName(type: Type<any>): string {\n // Return the
name of the type or the first line of its stringified version.\n return (type as any).overridesName || type.name ||
type.toString().split("\n")[0];\n}\n\nexport function getDowngradedModuleCount($injector: IInjectorService):
number {\n return $injector.has(DOWNGRADED_MODULE_COUNT_KEY) ?
$injector.get(DOWNGRADED_MODULE_COUNT_KEY) : \n                                0;\n}\n\nexport
function getUpgradeAppType($injector: IInjectorService): UpgradeAppType {\n return
$injector.has(UPGRADE_APP_TYPE_KEY) ? $injector.get(UPGRADE_APP_TYPE_KEY) :\n
UpgradeAppType.None;\n}\n\nexport function isFunction(value: any): value is Function {\n return typeof
value === 'function';\n}\n\nexport function validateInjectionKey(\n $injector: IInjectorService,
downgradedModule: string, injectionKey: string,\n attemptedAction: string): void {\n const upgradeAppType =
getUpgradeAppType($injector);\n const downgradedModuleCount = getDowngradedModuleCount($injector);\n\n // Check for common errors.\n switch (upgradeAppType) {\n case UpgradeAppType.Dynamic:\n case
UpgradeAppType.Static:\n if (downgradedModule) {\n throw new Error(\n `Error while
${attemptedAction}: 'downgradedModule' unexpectedly specified.\\n` +\n `You should not specify a value for
\\'downgradedModule\\', unless you are downgrading ' +\n `more than one Angular module (via
\\'downgradeModule()\\'.);\n } \n break;\n case UpgradeAppType.Lite:\n if (!downgradedModule &&
(downgradedModuleCount >= 2)) {\n throw new Error(\n `Error while ${attemptedAction}:
'downgradedModule' not specified.\\n` +\n `This application contains more than one downgraded Angular
module, thus you need to ' +\n `always specify \\'downgradedModule\\' when downgrading components and
injectables.);\n } \n \n if (!$injector.has(injectionKey)) {\n throw new Error(\n `Error while
${attemptedAction}: Unable to find the specified downgraded module.\\n` +\n `Did you forget to downgrade
an Angular module or include it in the AngularJS ' +\n `application?');\n } \n \n break;\n default:\n throw new Error(\n `Error while ${attemptedAction}: Not a valid '@angular/upgrade' application.\\n` +\n
`Did you forget to downgrade an Angular module or include it in the AngularJS ' +\n `application?');\n } \n }\n\nexport class Deferred<R> {\n promise: Promise<R>;\n // TODO(issue/24571): remove '!.\n resolve !:
(value?: R | PromiseLike<R>) => void;\n // TODO(issue/24571): remove '!.\n reject !: (error?: any) => void;\n\n constructor() {\n this.promise = new Promise((res, rej) => {\n this.resolve = res;\n this.reject = rej;\n });\n }\n}\n\nexport interface LazyModuleRef {\n injector?: Injector;\n promise?: Promise<Injector>;\n}\n\nexport
const enum UpgradeAppType {\n // App NOT using `@angular/upgrade`. (This should never happen in an
`ngUpgrade` app.)\n None,\n // App using the deprecated `@angular/upgrade` APIs (a.k.a. dynamic
`ngUpgrade`).\n Dynamic,\n // App using `@angular/upgrade/static` with `UpgradeModule`. \n Static,\n // App
using `@angular/upgrade/static` with `downgradeModule` (a.k.a `ngUpgrade-lite` ).\n Lite,\n}\n\n/**\n * @return
Whether the passed-in component implements the subset of the\n * `ControlValueAccessor` interface needed for
AngularJS `ng-model`\n * compatibility.\n */\nfunction supportsNgModel(component: any) {\n return typeof
component.writeValue === 'function' &&\n typeof component.registerOnChange === 'function';\n}\n\n/**\n *
Glue the AngularJS `NgModelController` (if it exists) to the component\n * (if it implements the needed subset of
the `ControlValueAccessor` interface).\n */\nexport function hookupNgModel(ngModel: INgModelController,
component: any) {\n if (ngModel && supportsNgModel(component)) {\n ngModel.$render = () => {\n
component.writeValue(ngModel.$viewValue); }\n\n component.registerOnChange(ngModel.$setViewValue.bind(ngModel));\n if (typeof
component.registerOnTouched === 'function') {\n
component.registerOnTouched(ngModel.$setTouched.bind(ngModel));\n } \n }\n}\n\n/**\n * Test two values for
strict equality, accounting for the fact that `NaN !== NaN`.\n */\nexport function strictEquals(val1: any, val2: any):
boolean {\n return val1 === val2 || (val1 !== val1 && val2 !== val2);\n}\n\n"/**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\nimport { ApplicationRef, ChangeDetectorRef,
ComponentFactory, ComponentRef, EventEmitter, Injector, OnChanges, SimpleChange, SimpleChanges,

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StaticProvider, Testability, TestabilityRegistry, Type} from '@angular/core';\n\nimport {IAttributes,
IAugmentedJQuery, ICompileService, IInjectorService, INgModelController, IParseService, IScope} from
'./angular1';\n\nimport {PropertyBinding} from './component_info';\n\nimport {$SCOPE} from './constants';\n\nimport
{getTypeName, hookupNgModel, strictEquals} from './util';\n\n\nconst INITIAL_VALUE = {\n
__UNINITIALIZED__: true;\n};\n\n\nexport class DowngradeComponentAdapter {\n  private implementsOnChanges
= false;\n  private inputChangeCount: number = 0;\n  private inputChanges: SimpleChanges = {};\n  private
componentScope: IScope;\n  // TODO(issue/24571): remove '!.\n  private componentRef!: ComponentRef<any>;\n\n
private component: any;\n  // TODO(issue/24571): remove '!.\n  private changeDetector!: ChangeDetectorRef;\n  //
TODO(issue/24571): remove '!.\n  private viewChangeDetector!: ChangeDetectorRef;\n\n  constructor(\n
private element: IAugmentedJQuery, private attrs: IAttributes, private scope: IScope,\n  private ngModel:
INgModelController, private parentInjector: Injector,\n  private $injector: IInjectorService, private $compile:
ICompileService,\n  private $parse: IParseService, private componentFactory: ComponentFactory<any>,\n
private wrapCallback: <T>(cb: () => T) => () => T) {\n  this.componentScope = scope.$new();\n  }\n\n
compileContents(): Node[][] {\n  const compiledProjectableNodes: Node[][] = [];\n  const projectableNodes:
Node[][] = this.groupProjectableNodes();\n  const linkFns = projectableNodes.map(nodes =>
this.$compile(nodes));\n\n  this.element.empty !();\n\n  linkFns.forEach(linkFn => {\n  linkFn(this.scope,
(clone: Node[]) => {\n  compiledProjectableNodes.push(clone);\n  this.element.append !(clone);\n  });\n
});\n\n  return compiledProjectableNodes;\n  }\n\n  createComponent(projectableNodes: Node[][]) {\n  const
providers: StaticProvider[] = [{provide: $SCOPE, useValue: this.componentScope}];\n  const childInjector =
Injector.create(\n  {providers: providers, parent: this.parentInjector, name:
'DowngradeComponentAdapter'});\n\n  this.componentRef =\n  this.componentFactory.create(childInjector,
projectableNodes, this.element[0]);\n  this.viewChangeDetector =
this.componentRef.injector.get(ChangeDetectorRef);\n  this.changeDetector =
this.componentRef.changeDetectorRef;\n  this.component = this.componentRef.instance;\n\n  // testability hook is
commonly added during component bootstrap in\n  // packages/core/src/application_ref.bootstrap()\n  // in
downgraded application, component creation will take place here as well as adding the\n  // testability hook.\n
const testability = this.componentRef.injector.get(Testability, null);\n  if (testability) {\n
this.componentRef.injector.get(TestabilityRegistry)\n
.registerApplication(this.componentRef.location.nativeElement, testability);\n  }\n\n
hookupNgModel(this.ngModel, this.component);\n  }\n\n  setupInputs(manuallyAttachView: boolean,
propagateDigest = true): void {\n  const attrs = this.attrs;\n  const inputs = this.componentFactory.inputs || [];\n
for (let i = 0; i < inputs.length; i++) {\n  const input = new PropertyBinding(inputs[i].propName,
inputs[i].templateName);\n  let expr: string|null = null;\n\n  if (attrs.hasOwnProperty(input.attr)) {\n  const
observeFn = (prop => {\n  let prevValue = INITIAL_VALUE;\n  return (currValue: any) => {\n  //
Initially, both `observe()` and `watch()` will call this function.\n  if (!strictEquals(prevValue, currValue))
{\n  if (prevValue === INITIAL_VALUE) {\n  prevValue = currValue;\n  }\n\n
this.updateInput(prop, prevValue, currValue);\n  prevValue = currValue;\n  }\n  });\n
})(input.prop);\n  attrs.$observe(input.attr, observeFn);\n\n  // Use `watch()` (in addition to `observe()`) in
order to initialize the input in time\n  // for `ngOnChanges()`. This is necessary if we are already in a `digest`,
which means that\n  // `ngOnChanges()` (which is called by a watcher) will run before the `observe()`
callback.\n  let unwatch: Function|null = this.componentScope.$watch(() => {\n  unwatch !();\n
unwatch = null;\n  observeFn(attrs[input.attr]);\n  });\n\n  } else if (attrs.hasOwnProperty(input.bindAttr))
{\n  expr = attrs[input.bindAttr];\n  } else if (attrs.hasOwnProperty(input.bracketAttr)) {\n  expr =
attrs[input.bracketAttr];\n  } else if (attrs.hasOwnProperty(input.bindonAttr)) {\n  expr =
attrs[input.bindonAttr];\n  } else if (attrs.hasOwnProperty(input.bracketParenAttr)) {\n  expr =
attrs[input.bracketParenAttr];\n  }\n  if (expr != null) {\n  const watchFn =\n  (prop => (currValue:
any, prevValue: any) =>\n  this.updateInput(prop, prevValue, currValue))(input.prop);\n
this.componentScope.$watch(expr, watchFn);\n  }\n  }\n\n  // Invoke `ngOnChanges()` and Change Detection

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(when necessary)\n  const detectChanges = () => this.changeDetector.detectChanges();\n  const prototype =
this.componentFactory.componentType.prototype;\n  this.implementsOnChanges = !(prototype &&
(<OnChanges>prototype).ngOnChanges);\n\n  this.componentScope.$watch(() => this.inputChangeCount,
this.wrapCallback(() => {\n    // Invoke `ngOnChanges()`\n    if (this.implementsOnChanges) {\n      const
inputChanges = this.inputChanges;\n      this.inputChanges = {};\n
(<OnChanges>this.component).ngOnChanges(inputChanges !);\n    }\n\n
this.viewChangeDetector.markForCheck();\n\n    // If opted out of propagating digests, invoke change detection
when inputs change.\n    if (!propagateDigest) {\n      detectChanges();\n    }\n  });\n\n  // If not opted out of
propagating digests, invoke change detection on every digest\n  if (propagateDigest) {\n
this.componentScope.$watch(this.wrapCallback(detectChanges));\n  }\n\n  // If necessary, attach the view so that
it will be dirty-checked.\n  // (Allow time for the initial input values to be set and `ngOnChanges()` to be called.)\n
if (manuallyAttachView || !propagateDigest) {\n    let unwatch: Function|null = this.componentScope.$watch(() =>
{\n      unwatch !();\n      unwatch = null;\n\n      const appRef =
this.parentInjector.get<ApplicationRef>(ApplicationRef);\n
appRef.attachView(this.componentRef.hostView);\n    });\n  }\n\n  setupOutputs() {\n    const attrs =
this.attrs;\n    const outputs = this.componentFactory.outputs || [];\n    for (let j = 0; j < outputs.length; j++) {\n
const output = new PropertyBinding(outputs[j].propName, outputs[j].templateName);\n    const bindonAttr =
output.bindonAttr.substring(0, output.bindonAttr.length - 6);\n    const bracketParenAttr =\n
`[${output.bracketParenAttr.substring(2, output.bracketParenAttr.length - 8)}]`; \n    // order below is important -
first update bindings then evaluate expressions\n    if (attrs.hasOwnProperty(bindonAttr)) {\n
this.subscribeToOutput(output, attrs[bindonAttr], true);\n    }\n    if (attrs.hasOwnProperty(bracketParenAttr)) {\n
this.subscribeToOutput(output, attrs[bracketParenAttr], true);\n    }\n    if
(attrs.hasOwnProperty(output.onAttr)) {\n      this.subscribeToOutput(output, attrs[output.onAttr]);\n    }\n    if
(attrs.hasOwnProperty(output.parenAttr)) {\n      this.subscribeToOutput(output, attrs[output.parenAttr]);\n    }\n
}\n\n  private subscribeToOutput(output: PropertyBinding, expr: string, isAssignment: boolean = false) {\n
const getter = this.$parse(expr);\n    const setter = getter.assign;\n    if (isAssignment && !setter) {\n      throw new
Error(`Expression '${expr}' is not assignable!`);\n    }\n    const emitter = this.component[output.prop] as
EventEmitter<any>;\n    if (emitter) {\n      emitter.subscribe({\n        next: isAssignment ? (v: any) => setter
!(this.scope, v) :\n          (v: any) => getter(this.scope, {'$event': v})\n      });\n    } else {\n      throw new
Error(\n        `Missing emitter '${output.prop}' on component
'${getTypeName(this.componentFactory.componentType)}'`);\n    }\n  }\n\n  registerCleanup() {\n    const
testabilityRegistry = this.componentRef.injector.get(TestabilityRegistry);\n    const destroyComponentRef =
this.wrapCallback(() => this.componentRef.destroy());\n    let destroyed = false;\n\n    this.element.on !('$destroy', ()
=> this.componentScope.$destroy());\n    this.componentScope.$on('$destroy', () => {\n      if (!destroyed) {\n
destroyed = true;\n      testabilityRegistry.unregisterApplication(this.componentRef.location.nativeElement);\n
destroyComponentRef();\n    }\n  });\n\n  getInjector(): Injector { return this.componentRef.injector; }\n\n
private updateInput(prop: string, prevValue: any, currValue: any) {\n    if (this.implementsOnChanges) {\n
this.inputChanges[prop] = new SimpleChange(prevValue, currValue, prevValue === currValue);\n    }\n\n
this.inputChangeCount++;\n    this.component[prop] = currValue;\n  }\n\n  groupProjectableNodes() {\n    let
ngContentSelectors = this.componentFactory.ngContentSelectors;\n    return
groupNodesBySelector(ngContentSelectors, this.element.contents !());\n  }\n\n  /**\n   * Group a set of DOM nodes
into `ngContent` groups, based on the given content selectors.\n   */\n  export function
groupNodesBySelector(ngContentSelectors: string[], nodes: Node[]): Node[][] {\n    const projectableNodes:
Node[][] = [];\n    let wildcardNgContentIndex: number;\n\n    for (let i = 0, ii = ngContentSelectors.length; i < ii; ++i)
{\n      projectableNodes[i] = [];\n    }\n\n    for (let j = 0, jj = nodes.length; j < jj; ++j) {\n      const node = nodes[j];\n
const ngContentIndex = findMatchingNgContentIndex(node, ngContentSelectors);\n      if (ngContentIndex != null)
{\n        projectableNodes[ngContentIndex].push(node);\n      }\n    }\n\n    return projectableNodes;\n  }\n\n  function
findMatchingNgContentIndex(element: any, ngContentSelectors: string[]): number|null {\n    const ngContentIndices:

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number[] = [];\n let wildcardNgContentIndex: number = -1;\n for (let i = 0; i < ngContentSelectors.length; i++) {\n
  const selector = ngContentSelectors[i];\n  if (selector === '*') {\n    wildcardNgContentIndex = i;\n  } else {\n
  if (matchesSelector(element, selector)) {\n    ngContentIndices.push(i);\n  }\n }\n
ngContentIndices.sort();\n if (wildcardNgContentIndex !== -1) {\n
ngContentIndices.push(wildcardNgContentIndex);\n }\n return ngContentIndices.length ? ngContentIndices[0] :
null;\n}\n\nlet _matches: (this: any, selector: string) => boolean;\n\nfunction matchesSelector(el: any, selector:
string): boolean {\n  if (!_matches) {\n    const elProto = <any>Element.prototype;\n    _matches = elProto.matches ||
elProto.matchesSelector || elProto.mozMatchesSelector ||\n    elProto.msMatchesSelector ||
elProto.oMatchesSelector || elProto.webkitMatchesSelector;\n  }\n  return el.nodeType ===
Node.ELEMENT_NODE ? _matches.call(el, selector) : false;\n}\n\n", "/*\n * @license\n * Copyright Google Inc.
All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in
the LICENSE file at https://angular.io/license\n */\n\nimport {isFunction} from './util';\n\nexport interface
Thenable<T> { then(callback: (value: T) => any): any; }\n\nexport function isThenable<T>(obj: unknown): obj is
Thenable<T> {\n  return !!obj && isFunction((obj as any).then);\n}\n\n/*\n * Synchronous, promise-like object.\n
*\n\nexport class SyncPromise<T> {\n  protected value: T|undefined;\n  private resolved = false;\n  private callbacks:
((value: T) => unknown)[] = [];\n\n  static all<T>(valuesOrPromises: (T|Thenable<T>][]): SyncPromise<T> {\n
  const aggrPromise = new SyncPromise<T>();\n  let resolvedCount = 0;\n  const results: T[] = [];\n  const
  resolve = (idx: number, value: T) => {\n    results[idx] = value;\n    if (++resolvedCount ===
  valuesOrPromises.length) aggrPromise.resolve(results);\n  };\n  valuesOrPromises.forEach((p, idx) => {\n  if
  (isThenable(p)) {\n    p.then(v => resolve(idx, v));\n  } else {\n    resolve(idx, p);\n  }\n});\n\n  return
  aggrPromise;\n}\n\n  resolve(value: T): void {\n  // Do nothing, if already resolved.\n  if (this.resolved)
  return;\n\n  this.value = value;\n  this.resolved = true;\n\n  // Run the queued callbacks.\n
  this.callbacks.forEach(callback => callback(value));\n  this.callbacks.length = 0;\n}\n\n  then(callback: (value: T)
=> unknown): void {\n  if (this.resolved) {\n    callback(this.value!);\n  } else {\n
  this.callbacks.push(callback);\n  }\n}\n}\n\n", "/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n
*\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n */\n\nimport {ComponentFactory, ComponentFactoryResolver, Injector, NgZone, Type}
from '@angular/core';\n\nimport {IAnnotatedFunction, IAttributes, IAugmentedJQuery, ICompileService,
IDirective, IInjectorService, INgModelController, IParseService, IScope} from './angular1';\n\nimport {$COMPILE,
$INJECTOR, $PARSE, INJECTOR_KEY, LAZY_MODULE_REF, REQUIRE_INJECTOR,
REQUIRE_NG_MODEL} from './constants';\n\nimport {DowngradeComponentAdapter} from
 './downgrade_component_adapter';\n\nimport {SyncPromise, Thenable} from './promise_util';\n\nimport
  {LazyModuleRef, UpgradeAppType, controllerKey, getDowngradedModuleCount, getTypeName,
  getUpgradeAppType, validateInjectionKey} from './util';\n\n\n/*\n * @description\n * A helper function that
allows an Angular component to be used from AngularJS.\n * Part of the
[upgrade/static](api?query=upgrade%2Fstatic)\n * library for hybrid upgrade apps that support AOT compilation*\n
*\n * This helper function returns a factory function to be used for registering\n * an AngularJS wrapper directive
for "downgrading" an Angular component.\n * @usageNotes\n * ### Examples\n * Let's assume that you
have an Angular component called `ng2Heroes` that needs\n * to be made available in AngularJS templates.\n *
*\n * { @example upgrade/static/ts/full/module.ts region="ng2-heroes" }\n * We must create an AngularJS
[directive](https://docs.angularjs.org/guide/directive)\n * that will make this Angular component available inside
AngularJS templates.\n * The `downgradeComponent()` function returns a factory function that we\n * can use to
define the AngularJS directive that wraps the "downgraded" component.\n * { @example
  upgrade/static/ts/full/module.ts region="ng2-heroes-wrapper" }\n * For more details and examples on
downgrading Angular components to AngularJS components please\n * visit the [Upgrade
  guide](guide/upgrade#using-angular-components-from-angularjs-code).\n * @param info contains information
about the Component that is being downgraded:\n * - `component: Type<any>`: The type of the Component that
will be downgraded\n * - `downgradedModule?: string`: The name of the downgraded module (if any) that the

```


component\n * \"belongs to\", as returned by a call to `downgradeModule()`. It is the module, whose\n * corresponding Angular module will be bootstrapped, when the component needs to be instantiated.\n *
\n * (This option is only necessary when using `downgradeModule()` to downgrade more than one\n * Angular module.)\n * - `propagateDigest?: boolean`: Whether to perform { @link ChangeDetectorRef#detectChanges\n * change detection} on the component on every\n * [\$digest](https://docs.angularjs.org/api/ng/type/\$rootScope.Scope#\$digest). If set to `false`,\n * change detection will still be performed when any of the component's inputs changes.\n * (Default: true)\n * @returns a factory function that can be used to register the component in an\n * AngularJS module.\n * @publicApi\n * ^\nexport function downgradeComponent(info: {\n component: Type<any>;\n downgradedModule?: string;\n propagateDigest?: boolean;\n /** @deprecated since v4. This parameter is no longer used *\n inputs?: string[];\n /** @deprecated since v4. This parameter is no longer used *\n outputs?: string[];\n /** @deprecated since v4. This parameter is no longer used *\n selectors?: string[];\n}): any /* angular.IInjectable */ {\n const directiveFactory: IAnnotatedFunction = function(\n \$compile: ICompileService, \$injector: IInjectorService, \$parse: IParseService): IDirective {\n // When using `downgradeModule()`, we need to handle certain things specially. For example:\n // - We always need to attach the component view to the `ApplicationRef` for it to be\n // dirty-checked.\n // - We need to ensure callbacks to Angular APIs (e.g. change detection) are run inside the\n // Angular zone.\n // NOTE: This is not needed, when using `UpgradeModule`, because `digest()` will be run\n // inside the Angular zone (except if explicitly escaped, in which case we shouldn't\n // force it back in).\n const isNgUpgradeLite = getUpgradeAppType(\$injector) === UpgradeAppType.Lite;\n const wrapCallback: <T>(cb: () => T) => typeof cb =\n !isNgUpgradeLite ? cb => cb : cb => () => NgZone.isInAngularZone() ? cb() : ngZone.run(cb);\n let ngZone: NgZone;\n // When downgrading multiple modules, special handling is needed wrt injectors.\n const hasMultipleDowngradedModules =\n isNgUpgradeLite && (getDowngradedModuleCount(\$injector) > 1);\n\n return {\n restrict: 'E',\n terminal: true,\n require: [REQUIRE_INJECTOR, REQUIRE_NG_MODEL],\n link: (scope: IScope, element: IAugmentedJQuery, attrs: IAttributes, required: any[]) => {\n // We might have to compile the contents asynchronously, because this might have been\n // triggered by `UpgradeNg1ComponentAdapterBuilder`, before the Angular templates have\n // been compiled.\n\n const ngModel: INgModelController = required[1];\n const parentInjector: Injector|Thenable<Injector>|undefined = required[0];\n let moduleInjector: Injector|Thenable<Injector>|undefined = undefined;\n let ranAsync = false;\n\n if (!parentInjector || hasMultipleDowngradedModules) {\n const downgradedModule = info.downgradedModule || '';\n const lazyModuleRefKey = `\${LAZY_MODULE_REF}\${downgradedModule}`;\n const attemptedAction = `instantiating component '\${getTypeName(info.component)}'`; \n validateInjectionKey(\$injector, downgradedModule, lazyModuleRefKey, attemptedAction);\n\n const lazyModuleRef = \$injector.get(lazyModuleRefKey) as LazyModuleRef;\n moduleInjector = lazyModuleRef.injector || lazyModuleRef.promise as Promise<Injector>;\n }\n\n // Notes:\n //\n // There are two injectors: `finalModuleInjector` and `finalParentInjector` (they might be\n // the same instance, but that is irrelevant):\n // - `finalModuleInjector` is used to retrieve `ComponentFactoryResolver`, thus it must be\n // on the same tree as the `NgModule` that declares this downgraded component.\n // - `finalParentInjector` is used for all other injection purposes.\n // (Note that Angular knows to only traverse the component-tree part of that injector,\n // when looking for an injectable and then switch to the module injector.)\n //\n // There are basically three cases:\n // - If there is no parent component (thus no `parentInjector`), we bootstrap the downgraded\n // `NgModule` and use its injector as both `finalModuleInjector` and\n // `finalParentInjector`.\n // - If there is a parent component (and thus a `parentInjector`) and we are sure that it\n // belongs to the same `NgModule` as this downgraded component (e.g. because there is only\n // one downgraded module, we use that `parentInjector` as both `finalModuleInjector` and\n // `finalParentInjector`.\n // - If there is a parent component, but it may belong to a different `NgModule`, then we\n // use the `parentInjector` as `finalParentInjector` and this downgraded component's\n // declaring `NgModule`'s injector as `finalModuleInjector`.\n // Note 1: If the

```

`NgModule` is already bootstrapped, we just get its injector (we don't // bootstrap again).\n // Note
2: It is possible that (while there are multiple downgraded modules) this\n // downgraded component and
its parent component both belong to the same NgModule.\n // In that case, we could have used the
`parentInjector` as both\n // `finalModuleInjector` and `finalParentInjector`, but (for simplicity) we are\n
// treating this case as if they belong to different `NgModule`s. That doesn't\n // really affect
anything, since `parentInjector` has `moduleInjector` as ancestor\n // and trying to resolve
`ComponentFactoryResolver` from either one will return\n // the same instance.\n\n // If there is a
parent component, use its injector as parent injector.\n // If this is a "top-level" Angular component, use the
module injector.\n const finalParentInjector = parentInjector || moduleInjector !;\n\n // If this is a "top-
level" Angular component or the parent component may belong to a\n // different `NgModule`, use the module
injector for module-specific dependencies.\n // If there is a parent component that belongs to the same
`NgModule`, use its injector.\n const finalModuleInjector = moduleInjector || parentInjector !;\n\n const
doDowngrade = (injector: Injector, moduleInjector: Injector) => {\n // Retrieve `ComponentFactoryResolver`
from the injector tied to the `NgModule` this\n // component belongs to.\n const
componentFactoryResolver: ComponentFactoryResolver =\n
moduleInjector.get(ComponentFactoryResolver);\n const componentFactory: ComponentFactory<any> =\n
componentFactoryResolver.resolveComponentFactory(info.component) !;\n\n if (!componentFactory) {\n
throw new Error(`Expecting ComponentFactory for: ${getTypeName(info.component)}`);\n } }\n\n
const injectorPromise = new ParentInjectorPromise(element);\n const facade = new
DowngradeComponentAdapter(\n element, attrs, scope, ngModel, injector, $injector, $compile, $parse,\n
componentFactory, wrapCallback);\n\n const projectableNodes = facade.compileContents();\n
facade.createComponent(projectableNodes);\n facade.setupInputs(isNgUpgradeLite, info.propagateDigest);\n
facade.setupOutputs();\n facade.registerCleanup();\n\n
injectorPromise.resolve(facade.getInjector());\n\n if (ranAsync) {\n // If this is run async, it is possible
that it is not run inside a\n // digest and initial input values will not be detected.\n scope.$evalAsync(()
=> {});\n } }\n\n const downgradeFn =\n !isNgUpgradeLite ? doDowngrade : (pInjector:
Injector, mInjector: Injector) => {\n if (!ngZone) {\n ngZone = pInjector.get(NgZone);\n
}\n\n wrapCallback(() => doDowngrade(pInjector, mInjector));\n };\n\n // NOTE:\n // Not
using `ParentInjectorPromise.all()` (which is inherited from `SyncPromise`), because\n // Closure Compiler (or
some related tool) complains:\n // `TypeError: ...src$downgrade_component_ParentInjectorPromise.all is not a
function`\n SyncPromise.all([finalParentInjector, finalModuleInjector])\n .then(([pInjector, mInjector])
=> downgradeFn(pInjector, mInjector));\n\n ranAsync = true;\n } }\n };\n\n // bracket-notation because
of closure - see #14441\n directiveFactory['$inject'] = [$COMPILER, $INJECTOR, $PARSE];\n return
directiveFactory;\n }\n\n/**\n * Synchronous promise-like object to wrap parent injectors,\n * to preserve the
synchronous nature of AngularJS's `$compile`.\n */\n\nclass ParentInjectorPromise extends SyncPromise<Injector>
{\n private injectorKey: string = controllerKey(INJECTOR_KEY);\n\n constructor(private element:
IAugmentedJQuery) {\n super();\n\n // Store the promise on the element.\n element.data !(this.injectorKey,
this);\n }\n\n resolve(injector: Injector): void {\n // Store the real injector on the element.\n this.element.data
!(this.injectorKey, injector);\n\n // Release the element to prevent memory leaks.\n this.element = null !;\n\n //
Resolve the promise.\n super.resolve(injector);\n }\n }\n\n", "/*\n * @license\n * Copyright Google Inc. All Rights
Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n */\n\nimport {Injector} from '@angular/core';\nimport
{IInjectorService} from './angular1';\nimport {$INJECTOR, INJECTOR_KEY} from './constants';\nimport
{getTypeName, isFunction, validateInjectionKey} from './util';\n\n/**\n * @description\n *\n * A helper function to
allow an Angular service to be accessible from AngularJS.\n *\n * *Part of the
[upgrade/static](api?query=upgrade%2Fstatic)\n * library for hybrid upgrade apps that support AOT compilation*\n
*\n * This helper function returns a factory function that provides access to the Angular\n * service identified by the
`token` parameter.\n *\n * @usageNotes\n * ### Examples\n *\n * First ensure that the service to be downgraded is

```

provided in an `NgModule` that will be part of the upgrade application. For example, let's assume we have defined `HeroesService` and that we have included this in our upgrade app `NgModule` and that we have included this in our upgrade app `NgModule`. Now we can register the `downgradeInjectable` factory function for the service on an AngularJS module. Inside an AngularJS component's controller we can get hold of the downgraded service via the name we gave when downgrading.

When using `downgradeModule()`, downgraded injectables will not be available until the Angular module that provides them is instantiated. In order to be safe, you need to ensure that the downgraded injectables are not used anywhere `_outside_` the part of the app where it is guaranteed that their module has been instantiated. For example, it is `_OK_` to use a downgraded service in an upgraded component that is only used from a downgraded Angular component provided by the same Angular module as the injectable, but it is `_not OK_` to use it in an AngularJS component that may be used independently of Angular or use it in a downgraded Angular component from a different module.

`@param` token an `InjectionToken` that identifies a service provided from Angular. `@param` `downgradedModule` the name of the downgraded module (if any) that the injectable "belongs to", as returned by a call to `downgradeModule()`. It is the module, whose injector will be used for instantiating the injectable. (This option is only necessary when using `downgradeModule()` to downgrade more than one Angular module.) `@returns` a [factory function](https://docs.angularjs.org/guide/di) that can be used to register the service on an AngularJS module. `@publicApi` `^` `n` `export` function

```

downgradeInjectable(token: any, downgradedModule: string = "): Function {
  const factory = function($injector:
  InjectorService) {
    const injectorKey = `${INJECTOR_KEY}${downgradedModule}`;
    const
    injectableName = isFunction(token) ? getTypeName(token) : String(token);
    const attemptedAction =
    `instantiating injectable '${injectableName}'`;
    validateInjectionKey($injector, downgradedModule,
    injectorKey, attemptedAction);

    const injector: Injector = $injector.get(injectorKey);
    return
    injector.get(token);
  };
  (factory as any) ['$inject'] = ['$INJECTOR'];
  return factory;
}

```

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```

import {ElementRef, Injector,
SimpleChanges} from '@angular/core';
import {DirectiveRequireProperty, IAugmentedJQuery,
ICloneAttachFunction, ICompileService, IController, IControllerService, IDirective, IHttpBackendService,
InjectorService, ILinkFn, IScope, ITemplateCacheService, SingleOrListOrMap, element as angularElement} from
'./angular1';
import {$COMPILE, $CONTROLLER, $HTTP_BACKEND, $INJECTOR, $TEMPLATE_CACHE}
from './constants';
import {controllerKey, directiveNormalize, isFunction} from './util';
// Constants
const
REQUIRE_PREFIX_RE = /^(\\|\\^)?(\\|\\^)?(\\|\\^)?/;
// Interfaces
export interface IBindingDestination {
[key: string]: any;
$onChanges?: (changes: SimpleChanges) => void;
}
export interface IControllerInstance
extends IBindingDestination {
$doCheck?: () => void;
$onDestroy?: () => void;
$onInit?: () => void;
$postLink?: () => void;
}
// Classes
export class UpgradeHelper {
  public readonly $injector:
  InjectorService;
  public readonly element: Element;
  public readonly $element: IAugmentedJQuery;
  public
  readonly directive: IDirective;
  private readonly $compile: ICompileService;
  private readonly $controller:
  IControllerService;
  constructor(
    private injector: Injector, private name: string, elementRef: ElementRef,
    directive?: IDirective) {
    this.$injector = injector.get($INJECTOR);
    this.$compile =
    this.$injector.get($COMPILE);
    this.$controller = this.$injector.get($CONTROLLER);
    this.element =
    elementRef.nativeElement;
    this.$element = angularElement(this.element);
    this.directive = directive ||
    UpgradeHelper.getDirective(this.$injector, name);
  }
  static getDirective($injector: InjectorService, name:
  string): IDirective {
    const directives: IDirective[] = $injector.get(name + 'Directive');
    if (directives.length >
    1) {
      throw new Error(`Only support single directive definition for: ${name}`);
    }
    const directive =
    directives[0];
    // AngularJS will transform `link: xyz` to `compile: () => xyz`. So we can only tell there was a
    // user-defined `compile` if there is no `link`. In other cases, we will just ignore `compile`
    if (directive.compile

```

```

&& !directive.link) notSupported(name, 'compile');\n  if (directive.replace) notSupported(name, 'replace');\n  if
(directive.terminal) notSupported(name, 'terminal');\n\n  return directive;\n } \n\n static getTemplate(\n
$injector: IInjectorService, directive: IDirective, fetchRemoteTemplate = false,\n  $element?:
IAugmentedJQuery): string|Promise<string> {\n  if (directive.template !== undefined) {\n  return
getOrCall<string>(directive.template, $element);\n  } else if (directive.templateUrl) {\n  const $templateCache =
$injector.get($TEMPLATE_CACHE) as ITemplateCacheService;\n  const url =
getOrCall<string>(directive.templateUrl, $element);\n  const template = $templateCache.get(url);\n\n  if
(template !== undefined) {\n  return template;\n  } else if (!fetchRemoteTemplate) {\n  throw new
Error('loading directive templates asynchronously is not supported');\n  } \n\n  return new Promise((resolve,
reject) => {\n  const $httpBackend = $injector.get($HTTP_BACKEND) as IHttpBackendService;\n
$httpBackend('GET', url, null, (status: number, response: string) => {\n  if (status === 200) {\n
resolve($templateCache.put(url, response));\n  } else {\n  reject(`GET component template from '${url}'
returned '${status}: ${response}'`);\n  } \n\n  });\n  } \n\n  } else {\n  throw new Error(`Directive
'${directive.name}' is not a component, it is missing template.`);\n  } \n\n } \n\n buildController(controllerType:
IController, $scope: IScope) {\n  // TODO: Document that we do not pre-assign bindings on the controller
instance.\n  // Quoted properties below so that this code can be optimized with Closure Compiler.\n  const locals =
{'$scope': $scope, '$element': this.$element};\n  const controller = this.$controller(controllerType, locals, null,
this.directive.controllerAs);\n\n  this.$element.data !(controllerKey(this.directive.name !), controller);\n\n  return
controller;\n } \n\n compileTemplate(template?: string): ILinkFn {\n  if (template === undefined) {\n  template
= \n  UpgradeHelper.getTemplate(this.$injector, this.directive, false, this.$element) as string;\n  } \n\n  return
this.compileHtml(template);\n } \n\n onDestroy($scope: IScope, controllerInstance?: any) {\n  if
(controllerInstance && isFunction(controllerInstance.$onDestroy)) {\n  controllerInstance.$onDestroy();\n } \n
$scope.$destroy();\n\n  // Clean the jQuery/jqLite data on the component+child elements.\n  // Equivalent to how
jQuery/jqLite invoke `cleanData` on an Element (this.element)\n  //
https://github.com/jquery/jquery/blob/e743cbd28553267f955f71ea7248377915613fd9/src/manipulation.js#L223\n
// https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/jqLite.js#L306-L312\n
// `cleanData` will invoke the AngularJS `$destroy` DOM event\n  //
https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/Angular.js#L1911-L1924\n
angularElement.cleanData([this.element]);\n\n  angularElement.cleanData(this.element.querySelectorAll('*'));\n } \n\n prepareTransclusion(): ILinkFn|undefined
{\n  const transclude = this.directive.transclude;\n  const contentChildNodes = this.extractChildNodes();\n  const
attachChildrenFn: ILinkFn = (scope, cloneAttachFn) => {\n  // Since AngularJS v1.5.8, `cloneAttachFn` will try
to destroy the transclusion scope if\n  // ` $template` is empty. Since the transcluded content comes from Angular,
not AngularJS,\n  // there will be no transclusion scope here.\n  // Provide a dummy `scope.$destroy()` method
to prevent `cloneAttachFn` from throwing.\n  scope = scope || {$destroy: () => undefined};\n  return
cloneAttachFn !($template, scope);\n  };\n  let $template = contentChildNodes;\n\n  if (transclude) {\n  const
slots = Object.create(null);\n\n  if (typeof transclude === 'object') {\n  $template = [];\n\n  const slotMap =
Object.create(null);\n  const filledSlots = Object.create(null);\n\n  // Parse the element selectors.\n  Object.keys(transclude).forEach(slotName => {\n  let selector = transclude[slotName];\n  const optional =
selector.charAt(0) === '?';\n  selector = optional ? selector.substring(1) : selector;\n\n  slotMap[selector] =
slotName;\n  slots[slotName] = null; // `null`: Defined but not yet filled.\n  filledSlots[slotName] =
optional; // Consider optional slots as filled.\n  });\n\n  // Add the matching elements into their slot.\n  contentChildNodes.forEach(node => {\n  const slotName =
slotMap[directiveNormalize(node.nodeName.toLowerCase)];\n  if (slotName) {\n  filledSlots[slotName] = true;\n  slots[slotName] = slots[slotName] || [];\n  slots[slotName].push(node);\n  } else {\n  $template.push(node);\n  } \n\n  });\n\n  // Check for required slots that were not
filled.\n  Object.keys(filledSlots).forEach(slotName => {\n  if (!filledSlots[slotName]) {\n  throw
new Error(`Required transclusion slot '${slotName}' on directive: ${this.name}`);\n  } \n\n  });\n } \n\n }

```

```

Object.keys(slots).filter(slotName => slots[slotName]).forEach(slotName => {\n    const nodes =
slots[slotName];\n    slots[slotName] = (scope: IScope, cloneAttach: ICloneAttachFunction) => {\n        return
cloneAttach !(nodes, scope);\n    }; \n    });\n    }\n\n    // Attach `$$slots` to default slot transclude fn.\nattachChildrenFn.$$slots = slots;\n    // AngularJS v1.6+ ignores empty or whitespace-only transcluded text
nodes. But Angular\n    // removes all text content after the first interpolation and updates it later, after\n    // evaluating the expressions. This would result in AngularJS failing to recognize text\n    // nodes that start with an interpolation as transcluded content and use the fallback\n    // content instead.\n    // To avoid this issue, we add
a\n    // [zero-width non-joiner character](https://en.wikipedia.org/wiki/Zero-width_non-joiner)\n    // to empty text nodes (which can only be a result of Angular removing their initial content).\n    // NOTE: Transcluded text content that starts with whitespace followed by an interpolation\n    // will still fail to be detected by AngularJS v1.6+\n    $template.forEach(node => {\n        if (node.nodeType === Node.TEXT_NODE && !node.nodeValue)
{\n            node.nodeValue = '\\u200C';\n        }\n    });\n    }\n\n    return attachChildrenFn;\n    }\n\n    resolveAndBindRequiredControllers(controllerInstance: IControllerInstance|null) {\n        const directiveRequire =
this.getDirectiveRequire();\n        const requiredControllers = this.resolveRequire(directiveRequire);\n\n        if
(controllerInstance && this.directive.bindToController && isMap(directiveRequire)) {\n            const
requiredControllersMap = requiredControllers as {[key: string]: IControllerInstance};\n            Object.keys(requiredControllersMap).forEach(key => {\n                controllerInstance[key] =
requiredControllersMap[key];\n            });\n        }\n\n        return requiredControllers;\n    }\n\n    private compileHtml(html:
string): ILinkFn {\n        this.element.innerHTML = html;\n        return this.$compile(this.element.childNodes);\n    }\n\n    private extractChildNodes(): Node[] {\n        const childNodes: Node[] = [];\n        let childNode: Node|null;\n\n        while
(childNode = this.element.firstChild) {\n            this.element.removeChild(childNode);\n            childNodes.push(childNode);\n        }\n\n        return childNodes;\n    }\n\n    private getDirectiveRequire():
DirectiveRequireProperty {\n        const require = this.directive.require || (this.directive.controller &&
this.directive.name) !;\n\n        if (isMap(require)) {\n            Object.keys(require).forEach(key => {\n                const value =
require[key];\n                const match = value.match(REQUIRE_PREFIX_RE) !;\n                const name =
value.substring(match[0].length);\n                if (!name) {\n                    require[key] = match[0] + key;\n                }\n            });\n        }\n\n        return require;\n    }\n\n    private resolveRequire(require: DirectiveRequireProperty, controllerInstance?:
any):\n    SingleOrListOrMap<IControllerInstance>|null {\n        if (!require) {\n            return null;\n        } else if
(Array.isArray(require)) {\n            return require.map(req => this.resolveRequire(req));\n        } else if (typeof require
=== 'object') {\n            const value: {[key: string]: IControllerInstance} = {};\n            Object.keys(require).forEach(key =>
value[key] = this.resolveRequire(require[key]) !);\n            return value;\n        } else if (typeof require === 'string') {\n            const match = require.match(REQUIRE_PREFIX_RE) !;\n            const inheritType = match[1] || match[3];\n            const name = require.substring(match[0].length);\n            const isOptional = !!match[2];\n            const searchParents =
!!inheritType;\n            const startOnParent = inheritType === '^';\n            const ctrlKey = controllerKey(name);\n            const elem = startOnParent ? this.$element.parent !(): this.$element;\n            const value = searchParents ?
elem.inheritedData !(ctrlKey) : elem.data !(ctrlKey);\n\n            if (!value && !isOptional) {\n                throw new Error(\n
                `Unable to find required '${require}' in upgraded directive '${this.name}'.`);\n            }\n\n            return value;\n        }
else {\n            throw new Error(\n                `Unrecognized 'require' syntax on upgraded directive '${this.name}':\n
                ${require}`);\n        }\n    }\n\n    function getOrCall<T>(property: T | Function, ...args: any[]): T {\n        return
isFunction(property) ? property(...args) : property;\n    }\n\n    // NOTE: Only works for `typeof T !== 'object'.\n    function
isMap<T>(value: SingleOrListOrMap<T>): value is {[key: string]: T} {\n        return value && !Array.isArray(value)
&& typeof value === 'object';\n    }\n\n    function notSupported(name: string, feature: string) {\n        throw new
Error(`Upgraded directive '${name}' contains unsupported feature: '${feature}'.`);\n    }\n\n    /*\n    * @license\n    * Copyright Google Inc. All Rights Reserved.\n    * Use of this source code is governed by an MIT-style license that
can be\n    * found in the LICENSE file at https://angular.io/license\n    */\n\n    import {Directive, DoCheck, ElementRef,
EventEmitter, Inject, Injector, OnChanges, OnDestroy, OnInit, SimpleChange, SimpleChanges, Type} from
'@angular/core';\n    import {IAttributes, IDirectIVE, IDirectIVE_PRE_POST, IInjectorService, ILinkFn, IScope,
ITranscludeFunction} from '../common/src/angular1';\n    import {$SCOPE} from

```

```

'./././common/src/constants';\nimport {IBindingDestination, IControllerInstance, UpgradeHelper} from
'./././common/src/upgrade_helper';\nimport {isFunction, strictEquals} from './././common/src/util';\n\nconst
CAMEL_CASE = /([A-Z])/g;\nconst INITIAL_VALUE = {\n  __UNINITIALIZED__: true\n};\nconst
NOT_SUPPORTED: any = 'NOT_SUPPORTED';\n\nexport class UpgradeNg1ComponentAdapterBuilder {\n //
TODO(issue/24571): remove '!'\n  type!: Type<any>;\n  inputs: string[] = [];\n  inputsRename: string[] = [];\n
outputs: string[] = [];\n  outputsRename: string[] = [];\n  propertyOutputs: string[] = [];\n  checkProperties: string[] =
[];\n  propertyMap: {[name: string]: string} = {};\n  directive: IDirective|null = null;\n // TODO(issue/24571):
remove '!'\n  template!: string;\n\n  constructor(public name: string) {\n    const selector =\nname.replace(CAMEL_CASE, (all: string, next: string) => '-' + next.toLowerCase());\n    const self = this;\n\n //
Note: There is a bug in TS 2.4 that prevents us from\n // inlining this into @Directive\n // TODO(tbosch): find or
file a bug against TypeScript for this.\n    const directive = {selector: selector, inputs: this.inputsRename, outputs:
this.outputsRename};\n\n    @Directive({jit: true, ...directive})\n    class MyClass extends
UpgradeNg1ComponentAdapter implements OnInit, OnChanges, DoCheck,\n      OnDestroy {\n
constructor(@Inject($SCOPE) scope: IScope, injector: Injector, elementRef: ElementRef) {\n    super(\n
new UpgradeHelper(injector, name, elementRef, self.directive || undefined), scope,\n      self.template,
self.inputs, self.outputs, self.propertyOutputs, self.checkProperties,\n        self.propertyMap) as any;\n    }\n\n
this.type = MyClass;\n  }\n\n  extractBindings() {\n    const btcIsObject = typeof this.directive !.bindToController
=== 'object';\n    if (btcIsObject && Object.keys(this.directive !.scope !).length) {\n      throw new Error(\n
`Binding definitions on scope and controller at the same time are not supported.`);\n    }\n\n    const context =
(btcIsObject) ? this.directive !.bindToController : this.directive !.scope;\n\n    if (typeof context === 'object') {\n
Object.keys(context).forEach(propName => {\n      const definition = context[propName];\n      const
bindingType = definition.charAt(0);\n      const bindingOptions = definition.charAt(1);\n      const attrName =
definition.substring(bindingOptions === '?' ? 2 : 1) || propName;\n\n      // QUESTION: What about `=*`? Ignore?
Throw? Support?\n      const inputName = `input_${attrName}`;\n      const inputNameRename =
`${inputName}: ${attrName}`;\n      const outputName = `output_${attrName}`;\n      const outputNameRename
= `${outputName}: ${attrName}`;\n      const outputNameRenameChange = `${outputNameRename}Change`;\n\n
      switch (bindingType) {\n        case '@':\n          case '<':\n            this.inputs.push(inputName);\n
this.inputsRename.push(inputNameRename);\n            this.propertyMap[inputName] = propName;\n            break;\n
          case '=':\n            this.inputs.push(inputName);\n            this.inputsRename.push(inputNameRename);\n
this.propertyMap[inputName] = propName;\n\n            this.outputs.push(outputName);\n
this.outputsRename.push(outputNameRenameChange);\n            this.propertyMap[outputName] = propName;\n\n
            this.checkProperties.push(propName);\n            this.propertyOutputs.push(outputName);\n            break;\n
          case '&':\n            this.outputs.push(outputName);\n            this.outputsRename.push(outputNameRename);\n
this.propertyMap[outputName] = propName;\n            break;\n          default:\n            let json =
JSON.stringify(context);\n            throw new Error(\n              `Unexpected mapping '${bindingType}' in '${json}'
in '${this.name}' directive.`);\n          }\n        }\n      }\n\n    /**\n     * Upgrade ng1 components into Angular.\n
*/\n    static resolve(\n      exportedComponents: {[name: string]: UpgradeNg1ComponentAdapterBuilder},\n
@Injector: IInjectorService): Promise<string[]> {\n      const promises = Object.keys(exportedComponents).map(name
=> {\n        const exportedComponent = exportedComponents[name];\n        exportedComponent.directive =
UpgradeHelper.getDirective($injector, name);\n        exportedComponent.extractBindings();\n\n        return Promise\n          .resolve(UpgradeHelper.getTemplate($injector, exportedComponent.directive, true))\n          .then(template =>
exportedComponent.template = template);\n      });\n\n      return Promise.all(promises);\n    }\n  }\n\n  class
UpgradeNg1ComponentAdapter implements OnInit, OnChanges, DoCheck {\n    private controllerInstance:
IControllerInstance|null = null;\n    destinationObj: IBindingDestination|null = null;\n    checkLastValues: any[] = [];\n
directive: IDirective;\n    element: Element;\n    $element: any = null;\n    componentScope: IScope;\n\n    constructor(\n
      private helper: UpgradeHelper, scope: IScope, private template: string,\n      private inputs: string[], private outputs:
string[], private propOuts: string[],\n      private checkProperties: string[], private propertyMap: {[key: string]:
string}) {\n      this.directive = helper.directive;\n      this.element = helper.element;\n      this.$element =

```

```

helper.$element;\n  this.componentScope = scope.$new(!this.directive.scope);\n\n  const controllerType =
this.directive.controller;\n\n  if (this.directive.bindToController && controllerType) {\n  this.controllerInstance
= this.helper.buildController(controllerType, this.componentScope);\n  this.destinationObj =
this.controllerInstance;\n  } else {\n  this.destinationObj = this.componentScope;\n  }\n\n  for (let i = 0; i <
inputs.length; i++) {\n  (this as any)[inputs[i]] = null;\n  }\n  for (let j = 0; j < outputs.length; j++) {\n  const
emitter = (this as any)[outputs[j]] = new EventEmitter<any>();\n  if (this.propOuts.indexOf(outputs[j]) === -1)
{\n  this.setComponentProperty(\n  outputs[j], (emitter => (value: any) =>
emitter.emit(value))(emitter));\n  }\n  }\n  for (let k = 0; k < propOuts.length; k++) {\n
this.checkLastValues.push(INITIAL_VALUE);\n  }\n  }\n\n  ngOnInit() {\n  // Collect contents, insert and
compile template\n  const attachChildNodes: ILinkFn|undefined = this.helper.prepareTransclusion();\n  const
linkFn = this.helper.compileTemplate(this.template);\n\n  // Instantiate controller (if not already done so)\n  const
controllerType = this.directive.controller;\n  const bindToController = this.directive.bindToController;\n  if
(controllerType && !bindToController) {\n  this.controllerInstance = this.helper.buildController(controllerType,
this.componentScope);\n  }\n\n  // Require other controllers\n  const requiredControllers =\n
this.helper.resolveAndBindRequiredControllers(this.controllerInstance);\n\n  // Hook: $onInit\n  if
(this.controllerInstance && isFunction(this.controllerInstance.$onInit)) {\n  this.controllerInstance.$onInit();\n
}\n\n  // Linking\n  const link = this.directive.link;\n  const preLink = typeof link === 'object' && link.pre;\n
const postLink = typeof link === 'object' ? link.post : link;\n  const attrs: IAttributes = NOT_SUPPORTED;\n
const transcludeFn: ITranscludeFunction = NOT_SUPPORTED;\n  if (preLink) {\n
preLink(this.componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n  }\n\n
linkFn(this.componentScope, null !, {parentBoundTranscludeFn: attachChildNodes});\n  if (postLink) {\n
postLink(this.componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n  }\n\n  // Hook:
$postLink\n  if (this.controllerInstance && isFunction(this.controllerInstance.$postLink)) {\n
this.controllerInstance.$postLink();\n  }\n  }\n\n  ngOnChanges(changes: SimpleChanges) {\n  const ng1Changes:
any = {};\n  Object.keys(changes).forEach(name => {\n  const change: SimpleChange = changes[name];\n
this.setComponentProperty(name, change.currentValue);\n  ng1Changes[this.propertyMap[name]] = change;\n
});\n\n  if (isFunction(this.destinationObj !.$onChanges)) {\n  this.destinationObj !.$onChanges
!(ng1Changes);\n  }\n  }\n\n  ngDoCheck() {\n  const destinationObj = this.destinationObj;\n  const lastValues =
this.checkLastValues;\n  const checkProperties = this.checkProperties;\n  const propOuts = this.propOuts;\n
checkProperties.forEach((propName, i) => {\n  const value = destinationObj ![propName];\n  const last =
lastValues[i];\n  if (!strictEquals(last, value)) {\n  const eventEmitter: EventEmitter<any> = (this as
any)[propOuts[i];\n  eventEmitter.emit(lastValues[i] = value);\n  }\n  });\n\n  if (this.controllerInstance &&
isFunction(this.controllerInstance.$doCheck)) {\n  this.controllerInstance.$doCheck();\n  }\n  }\n\n
ngOnDestroy() { this.helper.onDestroy(this.componentScope, this.controllerInstance); }\n\n
setComponentProperty(name: string, value: any) {\n  this.destinationObj ![this.propertyMap[name]] = value;\n
}\n}\n\n", "/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is
governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n
*\n\nimport { Compiler, CompilerOptions, Injector, NgModule, NgModuleRef, NgZone, StaticProvider, Testability,
Type, isDevMode, resolveForwardRef } from '@angular/core';\nimport { platformBrowserDynamic } from
'@angular/platform-browser-dynamic';\nimport { IAngularBootstrapConfig, IAugmentedJQuery, IInjectorService,
IModule, IProvideService, IRootScopeService, ITestabilityService, bootstrap, element as angularElement, module_
as angularModule } from '../common/src/angular1';\nimport { $TESTABILITY, $COMPILE, $INJECTOR,
$ROOT_SCOPE, COMPILER_KEY, INJECTOR_KEY, LAZY_MODULE_REF, NG_ZONE_KEY,
UPGRADE_APP_TYPE_KEY } from '../common/src/constants';\nimport { downgradeComponent } from
'../common/src/downgrade_component';\nimport { downgradeInjectable } from
'../common/src/downgrade_injectable';\nimport { Deferred, LazyModuleRef, UpgradeAppType, controllerKey,
onError } from '../common/src/util';\nimport { UpgradeNg1ComponentAdapterBuilder } from
'./upgrade_ng1_adapter';\n\nlet upgradeCount: number = 0;\n\n/*\n * Use `UpgradeAdapter` to allow AngularJS

```

and Angular to coexist in a single application.

The `UpgradeAdapter` allows:

1. creation of Angular component from AngularJS component directive (See `[UpgradeAdapter#upgradeNg1Component()]`)
2. creation of AngularJS directive from Angular component (See `[UpgradeAdapter#downgradeNg2Component()]`)
3. Bootstrapping of a hybrid Angular application which contains both of the frameworks coexisting in a single application.

Mental Model

When reasoning about how a hybrid application works it is useful to have a mental model which describes what is happening and explains what is happening at the lowest level.

1. There are two independent frameworks running in a single application, each framework treats the other as a black box.
2. Each DOM element on the page is owned exactly by one framework. Whichever framework instantiated the element is the owner. Each framework only updates/interacts with its own DOM elements and ignores others.
3. AngularJS directives always execute inside AngularJS framework codebase regardless of where they are instantiated.
4. Angular components always execute inside Angular framework codebase regardless of where they are instantiated.
5. An AngularJS component can be upgraded to an Angular component. This creates an Angular directive, which bootstraps the AngularJS component directive in that location.
6. An Angular component can be downgraded to an AngularJS component directive. This creates an AngularJS directive, which bootstraps the Angular component in that location.
7. Whenever an adapter component is instantiated the host element is owned by the framework doing the instantiation. The other framework then instantiates and owns the view for that component. This implies that component bindings will always follow the semantics of the instantiation framework. The syntax is always that of Angular syntax.
8. AngularJS is always bootstrapped first and owns the bottom most view.
9. The new application is running in Angular zone, and therefore it no longer needs calls to `$apply()`.

Example

```

const adapter = new UpgradeAdapter(forwardRef(() => MyNg2Module), myCompilerOptions);
const module = angular.module('myExample', []);
module.directive('ng2Comp', adapter.downgradeNg2Component(Ng2Component));
module.directive('ng1Hello', function() {
  return {
    scope: { title: '=' },
    template: 'ng1[Hello {{title}}!]<span ng-transclude></span>'
  };
});
@Component({
  selector: 'ng2-comp',
  inputs: ['name'],
  template: 'ng2[<ng1-hello [title]="name">transclude</ng1-hello><ng-content></ng-content>]',
  directives: []
})
class Ng2Component {
  @NgModule({
    declarations: [Ng2Component, adapter.upgradeNg1Component('ng1Hello')],
    imports: [BrowserModule]
  })
  class MyNg2Module {
    document.body.innerHTML = '<ng2-comp name="World">project</ng2-comp>';
    adapter.bootstrap(document.body, ['myExample']).ready(function() {
      expect(document.body.textContent).toEqual('ng2[ng1[Hello World!](transclude)](project)');
    });
  }
}
@deprecated Deprecated since v5. Use `upgrade/static` instead, which also supports [Ahead-of-Time compilation](guide/aot-compiler).
@publicApi
^next export class UpgradeAdapter {
  private idPrefix: string = `NG2_UPGRADE_${upgradeCount++}_`;
  private downgradedComponents: Type<any>[] = [];
  /**
   * An internal map of ng1 components which need to be upgraded to ng2.
   * We can't upgrade until injector is instantiated and we can retrieve the component metadata.
   * For this reason we keep a list of components to upgrade until ng1 injector is bootstrapped.
   * @internal
   */
  private ng1ComponentsToBeUpgraded: {[name: string]: UpgradeNg1ComponentAdapterBuilder} = {};
  private upgradedProviders: StaticProvider[] = [];
  // TODO(issue/24571): remove '!'.
  private ngZone!: NgZone;
  // TODO(issue/24571): remove '!'.
  private ng1Module!: IModule;
  private moduleRef: NgModuleRef<any>|null = null;
  // TODO(issue/24571): remove '!'.
  private ng2BootstrapDeferred!: Deferred<IInjectorService>;
  constructor(private ng2AppModule: Type<any>, private compilerOptions?: CompilerOptions) {
    if (!ng2AppModule) {
      throw new Error('UpgradeAdapter cannot be instantiated without an NgModule of the Angular app.');

```

Allows Angular Component to be used from AngularJS.

Use `downgradeNg2Component` to create an AngularJS Directive Definition Factory from Angular Component. The adapter will bootstrap Angular component from within the AngularJS template.

Mental Model

1. The component is instantiated by being listed in AngularJS template. This means that the host element is controlled by

AngularJS, but the component's view will be controlled by Angular. 2. Even though the component is instantiated in AngularJS, it will be using Angular syntax. This has to be done, this way because we must follow Angular components do not declare how the attributes should be interpreted. 3. `ng-model` is controlled by AngularJS and communicates with the downgraded Angular component by way of the `ControlValueAccessor` interface from `@angular/forms`. Only components that implement this interface are eligible.

Supported Features

- Bindings:
 - Attribute: ``<comp name="World">`
 - Interpolation: ``<comp greeting="Hello {{name}}!">`
 - Expression: ``<comp [name]="username">`
 - Event: ``<comp (close)="doSomething()">`
- ng-model: ``<comp ng-model="name">`
- Content projection: yes

Example

```

const adapter = new UpgradeAdapter(forwardRef(() => MyNg2Module));
const module = angular.module('myExample', []);
module.directive('greet',
  adapter.downgradeNg2Component(Greeter));
@Component({
  selector: 'greet',
  template:
    '{{salutation}} {{name}}! - <ng-content></ng-content>',
})
class Greeter {
  @Input() salutation: string;
  @Input() name: string;
}
@NgModule({
  declarations: [Greeter],
  imports: [BrowserModule]
})
class MyNg2Module {
  document.body.innerHTML = `ng1
  template: <greet salutation="Hello" [name]="world">text</greet>`;
  adapter.bootstrap(document.body,
    ['myExample']).ready(function() {
    expect(document.body.textContent).toEqual(`ng1 template: Hello world! -
    text`);
  });
  adapter.downgradeNg2Component(component: Type<any>): Function {
    this.downgradedComponents.push(component);
    return downgradeComponent({component});
  }
}
/**
 * Allows AngularJS Component to be used from Angular.
 * Use `upgradeNg1Component` to create an
 * Angular component from AngularJS Component directive. The adapter will bootstrap AngularJS component
 * from within the Angular template.
 * @usageNotes
 * ### Mental Model
 * 1. The
 * component is instantiated by being listed in Angular template. This means that the host element is controlled
 * by Angular, but the component's view will be controlled by AngularJS.
 * ### Supported Features
 * - Bindings:
 * - Attribute: `<comp name="World">`
 * - Interpolation: `<comp greeting="Hello
 * {{name}}!">`
 * - Expression: `<comp [name]="username">`
 * - Event: `<comp
 * (close)="doSomething()">`
 * - Transclusion: yes
 * - Only some of the features of [Directive
 * Definition Object](https://docs.angularjs.org/api/ng/service/$compile) are supported:
 * - `compile`: not
 * supported because the host element is owned by Angular, which does not allow modifying DOM structure
 * during compilation.
 * - `controller`: supported. (NOTE: injection of `$attrs` and `$transclude` is not
 * supported.)
 * - `controllerAs`: supported.
 * - `bindToController`: supported.
 * - `link`: supported.
 * (NOTE: only pre-link function is supported.)
 * - `name`: supported.
 * - `priority`: ignored.
 * - `replace`: not supported.
 * - `require`: supported.
 * - `restrict`: must be set to 'E'.
 * - `scope`:
 * supported.
 * - `template`: supported.
 * - `templateUrl`: supported.
 * - `terminal`: ignored.
 * -
 * `transclude`: supported.
 */
const adapter = new
UpgradeAdapter(forwardRef(() => MyNg2Module));
const module = angular.module('myExample', []);
module.directive('greet', function() {
  return {
    scope: {salutation: '=', name: '='},
    template:
      '{{salutation}} {{name}}! - <span ng-transclude></span>',
  };
});
module.directive('ng2',
  adapter.downgradeNg2Component(Ng2Component));
@Component({
  selector: 'ng2',
  template: `ng2 template: <greet salutation="Hello" [name]="world">text</greet>`
})
class
Ng2Component {
  @NgModule({
    declarations: [Ng2Component,
  adapter.upgradeNg1Component('greet')],
    imports: [BrowserModule]
  })
  class MyNg2Module {
    document.body.innerHTML = `ng2</ng2>`;
    adapter.bootstrap(document.body,
      ['myExample']).ready(function() {
        expect(document.body.textContent).toEqual(`ng2 template: Hello world! -
        text`);
      });
    upgradeNg1Component(name: string): Type<any> {
      if
      ((<any>this.ng1ComponentsToBeUpgraded).hasOwnProperty(name)) {
        return
        this.ng1ComponentsToBeUpgraded[name].type;
      } else {
        return (this.ng1ComponentsToBeUpgraded[name]
        = new UpgradeNg1ComponentAdapterBuilder(name)).type;
      }
    }
  }
}
/**
 * Registers the adapter's
 * AngularJS upgrade module for unit testing in AngularJS. Use this instead of `angular.mock.module()` to load

```

```

the upgrade module into\n * the AngularJS testing injector.\n *\n * @usageNotes\n * ### Example\n *\n * ``\n * const upgradeAdapter = new UpgradeAdapter(MyNg2Module);\n *\n * // configure the adapter with\n * upgrade/downgrade components and services\n * upgradeAdapter.downgradeNg2Component(MyComponent);\n *\n * let upgradeAdapterRef: UpgradeAdapterRef;\n * let $compile, $rootScope;\n *\n * // We must register\n * the adapter before any calls to `inject()`\n * beforeEach(() => {\n *   upgradeAdapterRef =\n *   upgradeAdapter.registerForNg1Tests(['heroApp']);\n * });\n *\n * beforeEach(inject((_ $compile_,\n *   _ $rootScope_) => {\n *   $compile = _ $compile_;\n *   $rootScope = _ $rootScope_;\n * }));\n *\n * it("says\n * hello", (done) => {\n *   upgradeAdapterRef.ready(() => {\n *     const element = $compile("<my-\n * component></my-component>")(rootScope);\n *     $rootScope.$apply();\n *     expect(element.html()).toContain("Hello World");\n *     done();\n *   });\n * });\n * ``\n *\n * @param modules any AngularJS modules that the upgrade module should depend upon\n * @returns an\n * `UpgradeAdapterRef`, which lets you register a `ready()` callback to\n * run assertions once the Angular\n * components are ready to test through AngularJS.\n *\n * ^\n * registerForNg1Tests(modules?: string[]):\n * UpgradeAdapterRef {\n *   const windowNgMock = (window as any)['angular'].mock;\n *   if (!windowNgMock ||\n * !windowNgMock.module) {\n *     throw new Error('Failed to find `angular.mock.module`.');\n *   }\n *   this.declareNg1Module(modules);\n *   windowNgMock.module(this.ng1Module.name);\n *   const upgrade = new\n * UpgradeAdapterRef();\n *   this.ng2BootstrapDeferred.promise.then(\n *     (ng1Injector) => {\n *     (<any>upgrade)._bootstrapDone(this.moduleRef, ng1Injector); },\n *     onError);\n *   return upgrade;\n * }\n *\n * Bootstrap a hybrid AngularJS / Angular application.\n *\n * This `bootstrap` method is a direct replacement (takes\n * same arguments) for AngularJS\n * [ `bootstrap` ](https://docs.angularjs.org/api/ng/function/angular.bootstrap)\n * method. Unlike\n * AngularJS, this bootstrap is asynchronous.\n *\n * @usageNotes\n * ### Example\n *\n * ``\n * const adapter = new UpgradeAdapter(MyNg2Module);\n * const module =\n * angular.module('myExample', []);\n * module.directive('ng2', adapter.downgradeNg2Component(Ng2));\n *\n * module.directive('ng1', function() {\n *   return {\n *     scope: { title: '=' },\n *     template: 'ng1[Hello\n * {{ title }}](<span ng-transclude></span>)\n *   };\n * });\n *\n * @Component({\n *   selector: 'ng2',\n *   inputs: ['name'],\n *   template: 'ng2[<ng1 [title]="name">transclude</ng1>]<ng-content></ng-content>'\n * })\n * class Ng2 {\n * }\n *\n * @NgModule({\n *   declarations: [Ng2,\n * adapter.upgradeNg1Component('ng1'),\n *   imports: [BrowserModule]\n * })\n * class MyNg2Module {\n * }\n *\n * document.body.innerHTML = '<ng2 name="World">project</ng2>';\n *\n * adapter.bootstrap(document.body, ['myExample']).ready(function() {\n *   expect(document.body.textContent).toEqual(\n *     "ng2[ng1[Hello World!](transclude)](project)");\n * });\n * ``\n *\n * ^\n * bootstrap(element: Element, modules?: any[], config?: IAngularBootstrapConfig):\n * UpgradeAdapterRef {\n *   this.declareNg1Module(modules);\n *   const upgrade = new UpgradeAdapterRef();\n *   // Make sure resumeBootstrap() only exists if the current bootstrap is deferred\n *   const windowAngular = (window\n * as any /** TODO #???? */)['angular'];\n *   windowAngular.resumeBootstrap = undefined;\n *   this.ngZone.run(()\n * => {\n *     bootstrap(element, [this.ng1Module.name], config !);\n *     const ng1BootstrapPromise = new\n * Promise((resolve) => {\n *       if (windowAngular.resumeBootstrap) {\n *         const originalResumeBootstrap: () =>\n * void = windowAngular.resumeBootstrap;\n *         windowAngular.resumeBootstrap = function() {\n * windowAngular.resumeBootstrap = originalResumeBootstrap;\n *         const r =\n * windowAngular.resumeBootstrap.apply(this, arguments);\n *         resolve();\n *         return r;\n *       };\n *     } else {\n *       resolve();\n *     };\n *   });\n *   Promise.all([this.ng2BootstrapDeferred.promise,\n * ng1BootstrapPromise]).then(([ng1Injector]) => {\n *     angularElement(element).data\n * !(controllerKey(INJECTOR_KEY), this.moduleRef!.injector);\n *     this.moduleRef\n * !.injector.get<NgZone>(NgZone).run(\n *       () => {\n *       (<any>upgrade)._bootstrapDone(this.moduleRef,\n * ng1Injector); },\n *       },\n *     onError);\n *     return upgrade;\n *   });\n * }\n *\n * Allows AngularJS service to be accessible\n * from Angular.\n *\n * @usageNotes\n * ### Example\n *\n * ``\n * class Login { ... }\n * class Server { ... }\n *\n * @Injectable()\n * class Example {\n *   constructor(@Inject('server') server, login: Login) {\n *     ... }\n * }\n *\n * const module = angular.module('myExample', []);\n * module.service('server',

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Server);\n * module.service('login', Login);\n * \n * const adapter = new UpgradeAdapter(MyNg2Module);\n *
adapter.upgradeNg1Provider('server');\n * adapter.upgradeNg1Provider('login', {asToken: Login});\n * \n *
adapter.bootstrap(document.body, ['myExample']).ready((ref) => {\n * const example: Example =
ref.ng2Injector.get(Example);\n * });\n * \n * ``\n * /\n upgradeNg1Provider(name: string, options?: {asToken:
any}) {\n const token = options && options.asToken || name;\n this.upgradedProviders.push({\n provide:
token,\n useFactory: ($injector: IInjectorService) => $injector.get(name),\n deps: [$INJECTOR]\n });\n
}\n\n /**\n * Allows Angular service to be accessible from AngularJS.\n * \n * @usageNotes\n * ###
Example\n * \n * ``\n * class Example {\n * }\n * \n * const adapter = new
UpgradeAdapter(MyNg2Module);\n * \n * const module = angular.module('myExample', []);\n *
module.factory('example', adapter.downgradeNg2Provider(Example));\n * \n * adapter.bootstrap(document.body,
['myExample']).ready((ref) => {\n * const example: Example = ref.ng1Injector.get('example');\n * });\n * \n *
``\n * /\n downgradeNg2Provider(token: any): Function { return downgradeInjectable(token); }\n\n /**\n *
Declare the AngularJS upgrade module for this adapter without bootstrapping the whole\n * hybrid application.\n
*\n * This method is automatically called by `bootstrap()` and `registerForNg1Tests()`. \n * \n * @param modules
The AngularJS modules that this upgrade module should depend upon.\n * @returns The AngularJS upgrade
module that is declared by this method\n * \n * @usageNotes\n * ### Example\n * \n * ``\n * const
upgradeAdapter = new UpgradeAdapter(MyNg2Module);\n * upgradeAdapter.declareNg1Module(['heroApp']);\n
* ``\n * /\n private declareNg1Module(modules: string[] = []): IModule {\n const delayApplyExps: Function[] =
[];\n let original$applyFn: Function;\n let rootScopePrototype: any;\n let rootScope: IRootScopeService;\n
const upgradeAdapter = this;\n const ng1Module = this.ng1Module = angularModule(this.idPrefix, modules);\n
const platformRef = platformBrowserDynamic();\n\n this.ngZone = new NgZone({enableLongStackTrace:
Zone.hasOwnProperty('longStackTraceZoneSpec')});\n this.ng2BootstrapDeferred = new Deferred();\n
ng1Module.constant(UPGRADE_APP_TYPE_KEY, UpgradeAppType.Dynamic)\n
.factory(INJECTOR_KEY, () => this.moduleRef !.injector.get(Injector))\n .factory(\n
LAZY_MODULE_REF,\n [INJECTOR_KEY, (injector: Injector) => ({ injector } as LazyModuleRef)])\n
.constant(NG_ZONE_KEY, this.ngZone)\n .factory(COMPILER_KEY, () => this.moduleRef
!.injector.get(Compiler))\n .config([\n '$provide', '$injector',\n (provide: IProvideService,\n
ng1Injector: IInjectorService) => {\n provide.decorator($ROOT_SCOPE, [\n '$delegate',\n
function(rootScopeDelegate: IRootScopeService) {\n // Capture the root apply so that we can delay first
call to $apply until we\n // bootstrap Angular and then we replay and restore the $apply.\n
rootScopePrototype = rootScopeDelegate.constructor.prototype;\n if
(rootScopePrototype.hasOwnProperty('$apply')) {\n original$applyFn = rootScopePrototype.$apply;\n
rootScopePrototype.$apply = (exp: any) => delayApplyExps.push(exp);\n } else {\n throw
new Error('Failed to find `'$apply`' on `'$rootScope`!');\n }\n return rootScope =
rootScopeDelegate;\n } ]);\n if (ng1Injector.has($$TESTABILITY)) {\n
provide.decorator($$TESTABILITY, [\n '$delegate',\n function(testabilityDelegate:
ITestabilityService) {\n const originalWhenStable: Function = testabilityDelegate.whenStable;\n
// Cannot use arrow function below because we need the context\n const newWhenStable = function(this:
unknown, callback: Function) {\n originalWhenStable.call(this, function(this: unknown) {\n
const ng2Testability: Testability =\n upgradeAdapter.moduleRef !.injector.get(Testability);\n
if (ng2Testability.isStable()) {\n callback.apply(this, arguments);\n } else {\n
ng2Testability.whenStable(newWhenStable.bind(this, callback));\n }\n });\n
};\n\n testabilityDelegate.whenStable = newWhenStable;\n return testabilityDelegate;\n
} ]);\n } ]);\n } ]);\n\n ng1Module.run([\n '$injector', '$rootScope',\n
(ng1Injector: IInjectorService, rootScope: IRootScopeService) => {\n
UpgradeNg1ComponentAdapterBuilder.resolve(this.ng1ComponentsToBeUpgraded, ng1Injector)\n .then(()
=> {\n // Note: There is a bug in TS 2.4 that prevents us from\n // inlining this into @NgModule\n
// TODO(tbosch): find or file a bug against TypeScript for this.\n const ngModule = {\n

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providers: [\n
    { provide: $INJECTOR, useFactory: () => ng1Injector},\n
    { provide: $COMPILE,\n
    useFactory: () => ng1Injector.get($COMPILE)},\n
    this.upgradedProviders\n
    ],\n
imports: [resolveForwardRef(this.ng2AppModule)],\n
    entryComponents: this.downgradedComponents\n
    ];\n
    // At this point we have ng1 injector and we have prepared\n
    // ng1 components to be\n
    upgraded, we now can bootstrap ng2.\n
    @NgModule({jit: true, ...ngModule})\n
    class\n
    DynamicNgUpgradeModule {\n
    constructor() {\n
    ngDoBootstrap() {\n
    }\n
    }\n
    platformRef\n
    .bootstrapModule(\n
    DynamicNgUpgradeModule, [this.compilerOptions !,\n
    {ngZone: this.ngZone}])\n
    .then((ref: NgModuleRef<any>) => {\n
    this.moduleRef = ref;\n
    this.ngZone.run(() => {\n
    if (rootScopePrototype) {\n
    rootScopePrototype.$apply = original$applyFn; // restore original $apply\n
    while\n
    (delayApplyExps.length) {\n
    rootScope.$apply(delayApplyExps.shift());\n
    }\n
    rootScopePrototype = null;\n
    }\n
    });\n
    });\n
    .then(() =>\n
    this.ng2BootstrapDeferred.resolve(ng1Injector), onError)\n
    .then(() => {\n
    let subscription =\n
    this.ngZone.onMicrotaskEmpty.subscribe({\n
    next: () => {\n
    if (rootScope.$$phase) {\n
    if (isDevMode()) {\n
    console.warn(\n
    'A digest was triggered\n
    while one was already in progress. This may mean that something is triggering digests outside the Angular zone.');

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AO,SAAS,OAAO,CAAC,UAAU,EAAE,SAAS,EAAE;IAC/C,IAAI,OAAO,UAAU,MAAM,EAAE,GAAG,EAAE,
EAAE,SAAS,CAAC,MAAM,EAAE,GAAG,EAAE,UAAU,CAAC,CAAC,EAAE;IACzE,CAAC;;AAED,IAAO,SA
AS,UAAU,CAAC,WAAW,EAAE,aAAa,EAAE;IACvD,IAAI,IAAI,OAAO,OAAO,KAAK,QAAQ,IAAI,OAAO,O
AAO,CAAC,QAAQ,KAAK,UAAU,EAAE,OAAO,OAAO,CAAC,QAAQ,CAAC,WAAW,EAAE,aAAa,CAAC,CA
AC;IACnI,CAAC;;AAED,IAAO,SAAS,SAAS,CAAC,OAAO,EAAE,UAAU,EAAE,CAAC,EAAE,SAAS,EAAE;I
AC7D,IAAI,OAAO,KAAK,CAAC,KAAK,CAAC,GAAG,OAAO,CAAC,EAAE,UAAU,OAAO,EAAE,MAAM,E
AAE;IAC/D,QAAQ,SAAS,SAAS,CAAC,KAAK,EAAE,EAAE,IAAI,EAAE,IAAI,CAAC,SAAS,CAAC,IAAI,CA
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AI,GAAG,OAAO,CAAC,MAAM,CAAC,KAAK,CAAC,GAAG,IAAI,CAAC,CAAC,UAAU,OAAO,EAAE,EAAE
,OAAO,CAAC,MAAM,CAAC,KAAK,CAAC,CAAC,EAAE,CAAC,CAAC,IAAI,CAAC,SAAS,EAAE,QAAQ,CA
AC,CAAC,EAAE;IACvJ,QAAQ,IAAI,CAAC,CAAC,SAAS,GAAG,SAAS,CAAC,KAAK,CAAC,OAAO,EAAE,U
AAU,IAAI,EAAE,CAAC,EAAE,IAAI,EAAE,CAAC,CAAC;IAC9E,KAAK,CAAC,CAAC;IACP,CAAC;;AAED,I
AAO,SAAS,WAAW,CAAC,OAAO,EAAE,IAAI,EAAE;IAC3C,IAAI,IAAI,CAAC,GAAG,EAAE,KAAK,EAAE,
CAAC,EAAE,IAAI,EAAE,WAAW,EAAE,IAAI,CAAC,CAAC,CAAC,CAAC,GAAG,CAAC,EAAE,MAAM,CA
AC,CAAC,CAAC,CAAC,CAAC,CAAC,OAAO,CAAC,CAAC,CAAC,CAAC,CAAC,EAAE,EAAE,IAAI,EAAE,E
AAE,EAAE,GAAG,EAAE,EAAE,EAAE,EAAE,CAAC,EAAE,CAAC,EAAE,CAAC,EAAE,CAAC,CAAC;IACrH
,IAAI,OAAO,CAAC,GAAG,EAAE,IAAI,EAAE,IAAI,CAAC,CAAC,CAAC,EAAE,OAAO,EAAE,IAAI,CAAC,C
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K,CAAC,CAAC,MAAM,CAAC,QAAQ,CAAC,GAAG,WAAW,EAAE,OAAO,IAAI,CAAC,EAAE,CAAC,EAAE,
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QAAQ,OAAO,CAAC,EAAE,IAAI;IACtB,YAAY,IAAI,CAAC,GAAG,CAAC,EAAE,CAAC,KAAK,CAAC,GAA
G,EAAE,CAAC,CAAC,CAAC,GAAG,CAAC,GAAG,CAAC,CAAC,QAAQ,CAAC,GAAG,EAAE,CAAC,CAAC,
CAAC,GAAG,CAAC,CAAC,OAAO,CAAC,KAAK,CAAC,CAAC,GAAG,CAAC,CAAC,QAAQ,CAAC,KAAK,C
AAC,CAAC,IAAI,CAAC,CAAC,CAAC,EAAE,CAAC,CAAC,GAAG,CAAC,CAAC,IAAI,CAAC,IAAI,CAAC,C
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EAAE,OAAO,CAAC,CAAC;IACzK,YAAY,IAAI,CAAC,GAAG,CAAC,EAAE,CAAC,EAAE,EAAE,GAAG,CA
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Q,EAAE,CAAC,CAAC,CAAC;IACzB,gBAAgB,KAAK,CAAC,CAAC,CAAC,KAAK,CAAC,EAAE,CAAC,GAA
G,EAAE,CAAC,CAAC,MAAM;IAC9C,gBAAgB,KAAK,CAAC,EAAE,CAAC,CAAC,KAAK,EAAE,CAAC,CA
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BAAgB,KAAK,CAAC,EAAE,CAAC,CAAC,KAAK,EAAE,CAAC,CAAC,CAAC,GAAG,EAAE,CAAC,CAAC,C
AAC,CAAC,CAAC,EAAE,GAAG,CAAC,CAAC,CAAC,CAAC,CAAC,SAAS;IACjE,gBAAgB,KAAK,CAAC,E
AAE,EAAE,GAAG,CAAC,CAAC,GAAG,CAAC,GAAG,EAAE,CAAC,CAAC,CAAC,CAAC,IAAI,CAAC,GAA
G,EAAE,CAAC,CAAC,SAAS;IACjE,gBAAgB;IAChB,oBAAoB,IAAI,EAAE,CAAC,GAAG,CAAC,CAAC,IAAI,
EAAE,CAAC,GAAG,CAAC,CAAC,MAAM,GAAG,CAAC,IAAI,CAAC,CAAC,CAAC,CAAC,MAAM,GAAG,C
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K,CAAC,CAAC,EAAE,EAAE,CAAC,GAAG,CAAC,CAAC,CAAC,SAAS,EAAE;IAChI,oBAAoB,IAAI,EAAE,C
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,IAAI,EAAE,CAAC,CAAC,CAAC,KAAK,CAAC,IAAI,CAAC,CAAC,KAAK,GAAG,CAAC,CAAC,CAAC,CAA
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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1047774535_1591199783.98/0/angular-upgrade-9-0-7-src-zip/bundles/upgrade.umd.js.map

No license file was found, but licenses were detected in source scan.

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```

typings extend the global `Function` interface with
// ` $inject?: string[]`, which is not compatible with ` $inject?:
ReadonlyArray<string>` (used in
// latest versions).
 $inject?: Function extends { $inject?: string[] }?
Ng1Token[]: ReadonlyArray<Ng1Token>;
}
}
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IAnnotatedFunction;
}
export type SingleOrListOrMap<T> = T | T[] | {[key: string]: T};
}
export interface
IModule {
 name: string;
 requires: (string | IInjectable)[];
 config(fn: IInjectable): IModule;
 directive(selector: string, factory: IInjectable): IModule;
 component(selector: string, component: IComponent):
IModule;
 controller(name: string, type: IInjectable): IModule;
 factory(key: Ng1Token, factoryFn: IInjectable):
IModule;
 value(key: Ng1Token, value: any): IModule;
 constant(token: Ng1Token, value: any): IModule;
 run(a: IInjectable): IModule;
}
export interface ICompileService {
 (element: Element | NodeList | Node[]) string,
transclude?: Function): ILinkFn;
}
export interface ILinkFn {
 (scope: IScope, cloneAttachFn?:
ICloneAttachFunction, options?: ILinkFnOptions): IAugmentedJQuery;
 $$slots?: {[slotName: string]:
ILinkFn};
}
export interface ILinkFnOptions {
 parentBoundTranscludeFn?: Function;
transcludeControllers?: {[key: string]: any};
 futureParentElement?: Node;
}
export interface
IRootScopeService {
 $new(isolate?: boolean): IScope;
 $id: string;
 $parent: IScope;
 $root: IScope;
 $watch(exp: Ng1Expression, fn?: (a1?: any, a2?: any) => void): Function;
 $on(event: string, fn?: (event?: any,
...args: any[]) => void): Function;
 $destroy(): any;
 $apply(exp?: Ng1Expression): any;
 $digest(): any;
 $evalAsync(exp: Ng1Expression, locals?: any): void;
 $on(event: string, fn?: (event?: any, ...args: any[]) => void):
Function;
 $$childTail: IScope;
 $$childHead: IScope;
 $$nextSibling: IScope;
 [key: string]: any;
}
export interface IScope extends IRootScopeService {
}
export interface IAngularBootstrapConfig {
 strictDi?: boolean;
}
export interface IDirective {
 compile?: IDirectiveCompileFn;
 controller?: IController;
 controllerAs?:
string;
 bindToController?: boolean | {[key: string]: string};
 link?: IDirectiveLinkFn | IDirectivePrePost;
 name?:
string;
 priority?: number;
 replace?: boolean;
 require?: DirectiveRequireProperty;
 restrict?: string;
 scope?: boolean | {[key: string]: string};
 template?: string | Function;
 templateUrl?: string | Function;
 namespace?: string;
 terminal?: boolean;
 transclude?: DirectiveTranscludeProperty;
}
export type
DirectiveRequireProperty = SingleOrListOrMap<string>;
export type DirectiveTranscludeProperty = boolean |
'element' | {[key: string]: string};
export interface IDirectiveCompileFn {
 (templateElement:
IAugmentedJQuery, templateAttributes: IAttributes,
 transclude: ITranscludeFunction):
IDirectivePrePost;
}
export interface IDirectivePrePost {
 pre?: IDirectiveLinkFn;
 post?:
IDirectiveLinkFn;
}
export interface IDirectiveLinkFn {
 (scope: IScope, instanceElement: IAugmentedJQuery,
instanceAttributes: IAttributes,
 controller: any, transclude: ITranscludeFunction): void;
}
export interface
IComponent {
 bindings?: {[key: string]: string};
 controller?: string | IInjectable;
 controllerAs?: string;
 require?: DirectiveRequireProperty;
 template?: string | Function;
 templateUrl?: string | Function;
 transclude?:
DirectiveTranscludeProperty;
}
export interface IAttributes {
 $observe(attr: string, fn: (v: string) => void):
void;
 [key: string]: any;
}
export interface ITranscludeFunction {
 // If the scope is provided, then the
cloneAttachFn must be as well.
 (scope: IScope, cloneAttachFn: ICloneAttachFunction): IAugmentedJQuery;
 //
If one argument is provided, then it's assumed to be the cloneAttachFn.
 (cloneAttachFn?: ICloneAttachFunction):
IAugmentedJQuery;
}
export interface ICloneAttachFunction {
 (clonedElement: IAugmentedJQuery, scope:
IScope): any;
}
export type IAugmentedJQuery = Node[] & {
 on?: (name: string, fn: () => void) => void;
 data?: (name: string, value?: any) => any;
 text?: () => string;
 inheritedData?: (name: string, value?: any) =>
any;
 contents?: () => IAugmentedJQuery;
 parent?: () => IAugmentedJQuery;
 empty?: () => void;
 append?: (content: IAugmentedJQuery | string) => IAugmentedJQuery;
 controller?: (name: string) => any;
 isolateScope?: () => IScope;
 injector?: () => IInjectorService;
 triggerHandler?: (eventTypeOrObject: string |
Event, extraParameters?: any[]) => IAugmentedJQuery;
 remove?: () => void;
 removeData?: () =>
void;
};
export interface IProvider {
 $get: IInjectable;
}
export interface IProvideService {
 provider(token:
Ng1Token, provider: IProvider): IProvider;
 factory(token: Ng1Token, factory: IInjectable): IProvider;
 service(token: Ng1Token, type: IInjectable): IProvider;
 value(token: Ng1Token, value: any): IProvider;
 constant(token: Ng1Token, value: any): void;
 decorator(token: Ng1Token, factory: IInjectable): void;
}
export interface IParseService {
 (expression: string): ICompiledExpression;
}
export interface ICompiledExpression {
}

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(context: any, locals: any): any;\n assign?: (context: any, value: any) => any;\n}\n\nexport interface\nIHttpBackendService {\n (method: string, url: string, post?: any, callback?: Function, headers?: any, timeout?:\nnumber,\n withCredentials?: boolean): void;\n}\n\nexport interface ICacheObject {\n put<T>(key: string, value?: T):\nT;\n get(key: string): any;\n}\n\nexport interface ITemplateCacheService extends ICacheObject {}\n\nexport interface\nITemplateRequestService {\n (template: string|any /* TrustedResourceUrl */, ignoreRequestError?: boolean):\nPromise<string>;\n totalPendingRequests: number;\n}\n\nexport type IController = string | IInjectable;\n\nexport\ninterface IControllerService {\n (controllerConstructor: IController, locals?: any, later?: any, ident?: any): any;\n(controllerName: string, locals?: any): any;\n}\n\nexport interface IInjectorService {\n get(key: string): any;\nhas(key: string): boolean;\n}\n\nexport interface IIntervalService {\n (func: Function, delay: number, count?:\nnumber, invokeApply?: boolean,\n ...args: any[]): Promise<any>;\n cancel(promise: Promise<any>):\nboolean;\n}\n\nexport interface ITestabilityService {\n findBindings(element: Element, expression: string,\nopt_exactMatch?: boolean): Element[];\n findModels(element: Element, expression: string, opt_exactMatch?:\nboolean): Element[];\n getLocation(): string;\n setLocation(url: string): void;\n whenStable(callback: Function):\nvoid;\n}\n\nexport interface INgModelController {\n $render(): void;\n $isEmpty(value: any): boolean;\n $setValidity(validationErrorKey: string, isValid: boolean): void;\n $setPristine(): void;\n $setDirty(): void;\n $setUntouched(): void;\n $setTouched(): void;\n $rollbackViewValue(): void;\n $validate(): void;\n $commitViewValue(): void;\n $setViewValue(value: any, trigger: string): void;\n $viewValue: any;\n $modelValue: any;\n $parsers: Function[];\n $formatters: Function[];\n $validators: {[key: string]: Function};\n $asyncValidators: {[key: string]: Function};\n $viewChangeListener: Function[];\n $error: Object;\n $pending:\nObject;\n $untouched: boolean;\n $touched: boolean;\n $pristine: boolean;\n $dirty: boolean;\n $valid: boolean;\n $invalid: boolean;\n $name: string;\n}\n\nfunction noNg(): never {\n throw new Error('AngularJS v1.x is not\nloaded!');\n}\n\nconst noNgElement: typeof angular.element = (( => noNg()) as any);\nnoNgElement.cleanData =\nnoNg;\n\nlet angular: {\n bootstrap: (e: Element, modules: (string | IInjectable)[], config?:\nIAngularBootstrapConfig) =>\n    IInjectorService,\n module: (prefix: string, dependencies?: string[]) =>\n    IModule,\n element: {\n (e: string | Element | Document | IAugmentedJQuery): IAugmentedJQuery;\n cleanData: (nodes: Node[] | NodeList) => void;\n },\n injector: (modules: Array<string|IInjectable>, strictDi?:\nboolean) => IInjectorService,\n version: {major: number},\n resumeBootstrap: () => void,\n getTestability: (e:\nElement) => ITestabilityService\n} = {\n bootstrap: noNg,\n module: noNg,\n element: noNgElement,\n injector:\nnoNg,\n version: undefined as any,\n resumeBootstrap: noNg,\n getTestability: noNg\n};\n\nentry {\n if\n(window.hasOwnProperty('angular')) {\n angular = (<any>window).angular;\n }\n} catch {\n // ignore in CJS\nmode.\n}\n\n/**\n * @deprecated Use `setAngularJSGlobal` instead.\n *\n * @publicApi\n *\n */\nexport function\nsetAngularLib(ng: any): void {\n setAngularJSGlobal(ng);\n}\n\n/**\n * @deprecated Use `getAngularJSGlobal`\ninstead.\n *\n * @publicApi\n *\n */\nexport function\ngetAngularLib(): any {\n return\ngetAngularJSGlobal();\n}\n\n/**\n * Resets the AngularJS global.\n *\n * Used when AngularJS is loaded lazily,\nand not available on `window`.\n *\n * @publicApi\n *\n */\nexport function\nsetAngularJSGlobal(ng: any): void {\n angular = ng;\n}\n\n/**\n * Returns the current AngularJS global.\n *\n * @publicApi\n *\n */\nexport function\ngetAngularJSGlobal(): any {\n return angular;\n}\n\nexport const bootstrap: typeof angular.bootstrap = (e, modules,\nconfig?) =>\n angular.bootstrap(e, modules, config);\n\n// Do not declare as `module` to avoid webpack bug\n//\n(see https://github.com/angular/angular/issues/30050).\nexport const module_: typeof angular.module = (prefix,\ndependencies?) =>\n angular.module(prefix, dependencies);\n\nexport const element: typeof angular.element = (e\n=>\n angular.element(e)) as typeof angular.element;\n\nelement.cleanData = nodes =>\nangular.element.cleanData(nodes);\n\nexport const injector: typeof angular.injector = (\nmodules:\nArray<string|IInjectable>, strictDi?: boolean) =>\n angular.injector(modules, strictDi);\n\nexport const\nresumeBootstrap: typeof angular.resumeBootstrap = () =>\n angular.resumeBootstrap();\n\nexport const\ngetTestability: typeof angular.getTestability = e =>\n angular.getTestability(e);\n\n", /**\n * @license\n * Copyright\nGoogle Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\nfound in the LICENSE file at https://angular.io/license\n *\n */\nexport const $COMPILE = '$compile';\nexport const\n$CONTROLLER = '$controller';\nexport const $DELEGATE = '$delegate';\nexport const
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$EXCEPTION_HANDLER = '$exceptionHandler';\nexport const $HTTP_BACKEND = '$httpBackend';\nexport
const $INJECTOR = '$injector';\nexport const $INTERVAL = '$interval';\nexport const $PARSE = '$parse';\nexport
const $PROVIDE = '$provide';\nexport const $ROOT_SCOPE = '$rootScope';\nexport const $$SCOPE =
'$scope';\nexport const $TEMPLATE_CACHE = '$templateCache';\nexport const $TEMPLATE_REQUEST =
'$templateRequest';\n\nexport const $$TESTABILITY = '$$testability';\n\nexport const COMPILER_KEY =
'$angularCompiler';\nexport const DOWNGRADED_MODULE_COUNT_KEY =
'$angularDowngradedModuleCount';\nexport const GROUP_PROJECTABLE_NODES_KEY =
'$angularGroupProjectableNodes';\nexport const INJECTOR_KEY = '$angularInjector';\nexport const
LAZY_MODULE_REF = '$angularLazyModuleRef';\nexport const NG_ZONE_KEY =
'$angularNgZone';\nexport const UPGRADE_APP_TYPE_KEY = '$angularUpgradeAppType';\n\nexport const
REQUIRE_INJECTOR = '?^^' + INJECTOR_KEY;\nexport const REQUIRE_NG_MODEL =
'ngModel';\n\nexport const UPGRADE_MODULE_NAME = '$$UpgradeModule';\n\n"/**\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n *\n*/\n\n * A `PropertyBinding` represents a
mapping between a property name\n * and an attribute name. It is parsed from a string of the form\n * `"prop:
attr"`; or simply `"propAndAttr"` where the property\n * and attribute have the same identifier.\n */\n\nexport class
PropertyBinding {\n // TODO(issue/24571): remove '!.\n // bracketAttr !: string;\n // TODO(issue/24571): remove
'!\n // bracketParenAttr !: string;\n // TODO(issue/24571): remove '!\n // parenAttr !: string;\n //
TODO(issue/24571): remove '!\n // onAttr !: string;\n // TODO(issue/24571): remove '!\n // bindAttr !: string;\n //
TODO(issue/24571): remove '!\n // bindonAttr !: string;\n\n // constructor(public prop: string, public attr: string) {\n
this.parseBinding(); }\n\n private parseBinding() {\n this.bracketAttr = `[$${this.attr}]`; \n this.parenAttr =
`${this.attr}`; \n this.bracketParenAttr = `[$${this.attr}]`; \n const capitalAttr =
this.attr.charAt(0).toUpperCase() + this.attr.substr(1); \n this.onAttr = `on${capitalAttr}`; \n this.bindAttr =
`bind${capitalAttr}`; \n this.bindonAttr = `bindon${capitalAttr}`; \n }\n\n"/**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n *\n*/\n\nimport {Injector, Type} from
'@angular/core';\n\nimport {InjectorService, INgModelController} from './angular1';\n\nimport
{DOWNGRADED_MODULE_COUNT_KEY, UPGRADE_APP_TYPE_KEY} from './constants';\n\nconst
DIRECTIVE_PREFIX_REGEXP = /^(?:x|data)[:-_]/i;\nconst DIRECTIVE_SPECIAL_CHARS_REGEXP = /[:\|-_]+(\.)/g;\n\nexport
function onError(e: any) {\n // TODO: (misko): We seem to not have a stack trace here!\n if
(console.error) {\n console.error(e, e.stack);\n } else {\n // tslint:disable-next-line:no-console\n console.log(e,
e.stack);\n }\n throw e;\n }\n\nexport function controllerKey(name: string): string {\n return '$' + name +
'Controller';\n }\n\nexport function directiveNormalize(name: string): string {\n return
name.replace(DIRECTIVE_PREFIX_REGEXP, "")\n .replace(DIRECTIVE_SPECIAL_CHARS_REGEXP, (_,
letter) => letter.toUpperCase());\n }\n\nexport function getTypeName(type: Type<any>): string {\n // Return the
name of the type or the first line of its stringified version.\n return (type as any).overriddenName || type.name ||
type.toString().split("\\n")[0];\n }\n\nexport function getDowngradedModuleCount($injector: InjectorService):
number {\n return $injector.has(DOWNGRADED_MODULE_COUNT_KEY) ?
$injector.get(DOWNGRADED_MODULE_COUNT_KEY) : 0;\n }\n\nexport
function getUpgradeAppType($injector: InjectorService): UpgradeAppType {\n return
$injector.has(UPGRADE_APP_TYPE_KEY) ? $injector.get(UPGRADE_APP_TYPE_KEY) :\n
UpgradeAppType.None;\n }\n\nexport function isFunction(value: any): value is Function {\n return typeof
value === 'function';\n }\n\nexport function validateInjectionKey(\n $injector: InjectorService,\n
downgradedModule: string, injectionKey: string,\n attemptedAction: string): void {\n const upgradeAppType =
getUpgradeAppType($injector);\n const downgradedModuleCount = getDowngradedModuleCount($injector);\n\n // Check
for common errors.\n switch (upgradeAppType) {\n case UpgradeAppType.Dynamic:\n case
UpgradeAppType.Static:\n if (downgradedModule) {\n throw new Error(\n `Error while
${attemptedAction}: 'downgradedModule' unexpectedly specified.\\n` +\n `You should not specify a value for

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    'more than one Angular module (via
    'downgradedModule()');\n    }\n    break;\n    case UpgradeAppType.Lite:\n      if (!downgradedModule &&
      (downgradedModuleCount >= 2)) {\n        throw new Error(\n          `Error while ${attemptedAction}:
      'downgradedModule' not specified.` +\n          `This application contains more than one downgraded Angular
      module, thus you need to ` +\n          `always specify 'downgradedModule' when downgrading components and
      injectables.`);\n      }\n      if (!$injector.has(injectionKey)) {\n        throw new Error(\n          `Error while
      ${attemptedAction}: Unable to find the specified downgraded module.` +\n          `Did you forget to downgrade
      an Angular module or include it in the AngularJS ` +\n          `application?`);\n      }\n      break;\n    default:\n      throw new Error(\n        `Error while ${attemptedAction}: Not a valid '@angular/upgr
      ade' application.` +\n        `Did you forget to downgrade an Angular module or include it in the AngularJS ` +\n        `application?`);\n      }\n    }\n  }\n  \n  export class Deferred<R> {\n    promise: Promise<R>;\n    // TODO(issue/24571): remove '!.\n    resolve !:
    (value?: R | PromiseLike<R>) => void;\n    // TODO(issue/24571): remove '!.\n    reject !: (error?: any) => void;\n    constructor() {\n      this.promise = new Promise((res, rej) => {\n        this.resolve = res;\n        this.reject = rej;\n      });\n    }\n  }\n  \n  export interface LazyModuleRef {\n    injector?: Injector;\n    promise?: Promise<Injector>;\n  }\n  \n  export
  const enum UpgradeAppType {\n    // App NOT using '@angular/upgr
  ade'. (This should never happen in an
  `ngUpgrade` app.)\n    None,\n    // App using the deprecated '@angular/upgr
  ade' APIs (a.k.a. dynamic
  `ngUpgrade`).\n    Dynamic,\n    // App using '@angular/upgr
  ade/static' with `UpgradeModule`.\n    Static,\n    // App
  using '@angular/upgr
  ade/static' with `downgradeModule()` (a.k.a. `ngUpgrade`-lite).\n    Lite,\n  }\n  \n  /**\n   * @return
  Whether the passed-in component implements the subset of the\n   * `ControlValueAccessor` interface needed for
  AngularJS `ng-model`\n   * compatibility.\n   */\n  function supportsNgModel(component: any) {\n    return typeof
  component.writeValue === 'function' &&\n      typeof component.registerOnChange === 'function';\n  }\n  \n  /**\n   *
  Glue the AngularJS `NgModelController` (if it exists) to the component\n   * (if it implements the needed subset of
  the `ControlValueAccessor` interface).\n   */\n  export function hookupNgModel(ngModel: INgModelController,
  component: any) {\n    if (ngModel && supportsNgModel(component)) {\n      ngModel.$render = () => {\n        component.writeValue(ngModel.$viewValue);
      };\n      component.registerOnChange(ngModel.$setViewValue.bind(ngModel));\n      if (typeof
      component.registerOnTouched === 'function') {\n        component.registerOnTouched(ngModel.$setTouched.bind(ngModel));\n      }\n    }\n  }\n  \n  /**\n   * Test two values for
  strict equality, accounting for the fact that `NaN !== NaN`.\n   */\n  export function strictEquals(val1: any, val2: any):
  boolean {\n    return val1 === val2 || (val1 !== val1 && val2 !== val2);\n  }\n  \n  /**\n   * @license\n   * Copyright
  Google Inc. All Rights Reserved.\n   * Use of this source code is governed by an MIT-style license that can be\n   *
  found in the LICENSE file at https://angular.io/license\n   */\n  import { ApplicationRef, ChangeDetectorRef,
  ComponentFactory, ComponentRef, EventEmitter, Injector, OnChanges, SimpleChange, SimpleChanges,
  StaticProvider, Testability, TestabilityRegistry, Type } from '@angular/core';\n  import { IAttributes,
  IAugmentedJQuery, ICompileService, IInjectorService, INgModelController, IParseService, IScope } from
  './angular1';\n  import { PropertyBinding } from './component_info';\n  import { $SCOPE } from './constants';\n  import
  { getTypeName, hookupNgModel, strictEquals } from './util';\n  \n  const INITIAL_VALUE = {\n    __UNINITIALIZED__: true\n  };\n  \n  export class DowngradeComponentAdapter {\n    private implementsOnChanges
  = false;\n    private inputChangeCount: number = 0;\n    private inputChanges: SimpleChanges = {};\n    private
  componentScope: IScope;\n    // TODO(issue/24571): remove '!.\n    private componentRef!: ComponentRef<any>;\n    private
  component: any;\n    // TODO(issue/24571): remove '!.\n    private changeDetector!: ChangeDetectorRef;\n    //
  TODO(issue/24571): remove '!.\n    private viewChangeDetector!: ChangeDetectorRef;\n    \n    constructor(\n      private element: IAugmentedJQuery, private attrs: IAttributes, private scope: IScope,\n      private ngModel:
  INgModelController, private parentInjector: Injector,\n      private $injector: IInjectorService, private $compile:
  ICompileService,\n      private $parse: IParseService, private componentFactory: ComponentFactory<any>,\n      private wrapCallback: <T>(cb: () => T) => () => T) {\n      this.componentScope = scope.$new();\n    }\n    \n    compileContents(): Node[][] {\n      const compiledProjectableNodes: Node[][] = [];\n      const projectableNodes:
  Node[][] = this.groupProjectableNodes();\n      const linkFns = projectableNodes.map(nodes =>

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this.$compile(nodes));\n\n this.element.empty !();\n\n linkFns.forEach(linkFn => {\n linkFn(this.scope,
(clone: Node[]) => {\n compiledProjectableNodes.push(clone);\n this.element.append !(clone);\n });\n
});\n\n return compiledProjectableNodes;\n }\n\n createComponent(projectableNodes: Node[][]]) {\n const
providers: StaticProvider[] = [{provide: $SCOPE, useValue: this.componentScope}];\n const childInjector =
Injector.create(\n {providers: providers, parent: this.parentInjector, name:
'DowngradeComponentAdapter'});\n\n this.componentRef =\n this.componentFactory.create(childInjector,
projectableNodes, this.element[0]);\n this.viewChangeDetector =
this.componentRef.injector.get(ChangeDetectorRef);\n this.changeDetector =
this.componentRef.changeDetectorRef;\n this.component = this.componentRef.instance;\n\n // testability hook is
commonly added during component bootstrap in\n // packages/core/src/application_ref.bootstrap()\n // in
downgraded application, component creation will take place here as well as adding the\n // testability hook.\n
const testability = this.componentRef.injector.get(Testability, null);\n if (testability) {\n
this.componentRef.injector.get(TestabilityRegistry)\n
.registerApplication(this.componentRef.location.nativeElement, testability);\n }\n\n
hookupNgModel(this.ngModel, this.component);\n }\n\n setupInputs(manuallyAttachView: boolean,
propagateDigest = true): void {\n const attrs = this.attrs;\n const inputs = this.componentFactory.inputs || [];\n
for (let i = 0; i < inputs.length; i++) {\n const input = new PropertyBinding(inputs[i].propName,
inputs[i].templateName);\n let expr: string|null = null;\n\n if (attrs.hasOwnProperty(input.attr)) {\n const
observeFn = (prop => {\n let prevValue = INITIAL_VALUE;\n return (currValue: any) => {\n //
Initially, both `observe()` and `watch()` will call this function.\n if (!strictEquals(prevValue, currValue))
{\n if (prevValue === INITIAL_VALUE) {\n prevValue = currValue;\n }\n\n
this.updateInput(prop, prevValue, currValue);\n prevValue = currValue;\n }\n });\n
})(input.prop);\n attrs.$observe(input.attr, observeFn);\n\n // Use `watch()` (in addition to `observe()`) in
order to initialize the input in time\n // for `ngOnChanges()`. This is necessary if we are already in a `digest`,
which means that\n // `ngOnChanges()` (which is called by a watcher) will run before the `observe()`
callback.\n let unwatch: Function|null = this.componentScope.$watch(() => {\n unwatch !();\n
unwatch = null;\n observeFn(attrs[input.attr]);\n });\n\n } else if (attrs.hasOwnProperty(input.bindAttr))
{\n expr =
attrs[input.bindAttr];\n } else if (attrs.hasOwnProperty(input.bracketAttr)) {\n expr =
attrs[input.bracketAttr];\n } else if (attrs.hasOwnProperty(input.bindonAttr)) {\n expr =
attrs[input.bindonAttr];\n } else if (attrs.hasOwnProperty(input.bracketParenAttr)) {\n expr =
attrs[input.bracketParenAttr];\n }\n\n if (expr != null) {\n const watchFn =\n (prop => (currValue:
any, prevValue: any) =>\n this.updateInput(prop, prevValue, currValue))(input.prop);\n
this.componentScope.$watch(expr, watchFn);\n }\n }\n\n // Invoke `ngOnChanges()` and Change Detection
(when necessary)\n const detectChanges = () => this.changeDetector.detectChanges();\n const prototype =
this.componentFactory.componentType.prototype;\n this.implementsOnChanges = !(prototype &&
(<OnChanges>prototype).ngOnChanges);\n\n this.componentScope.$watch(() => this.inputChangeCount,
this.wrapCallback(() => {\n // Invoke `ngOnChanges()`\n if (this.implementsOnChanges) {\n const
inputChanges = this.inputChanges;\n this.inputChanges = {};\n
(<OnChanges>this.component).ngOnChanges(inputChanges !);\n }\n\n
this.viewChangeDetector.markForCheck());\n\n // If opted out of propagating digests, invoke change detection
when inputs change.\n if (!propagateDigest) {\n detectChanges();\n }\n });\n\n // If not opted out of
propagating digests, invoke change detection on every digest\n if (propagateDigest) {\n
this.componentScope.$watch(this.wrapCallback(detectChanges));\n }\n\n // If necessary, attach the view so that
it will be dirty-checked.\n // (Allow time for the initial input values to be set and `ngOnChanges()` to be called.)\n
if (manuallyAttachView || !propagateDigest) {\n let unwatch: Function|null = this.componentScope.$watch(() =>
{\n unwatch !();\n unwatch = null;\n\n const appRef =
this.parentInjector.get<ApplicationRef>(ApplicationRef);\n
appRef.attachView(this.componentRef.hostView);\n });\n }\n }\n\n setupOutputs() {\n const attrs =

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this.attrs;\n  const outputs = this.componentFactory.outputs || [];\n  for (let j = 0; j < outputs.length; j++) {\n
const output = new PropertyBinding(outputs[j].propName, outputs[j].templateName);\n  const bindonAttr =
output.bindonAttr.substring(0, output.bindonAttr.length - 6);\n  const bracketParenAttr =\n
`[${output.bracketParenAttr.substring(2, output.bracketParenAttr.length - 8)}]`; \n  // order below is important -
first update bindings then evaluate expressions\n  if (attrs.hasOwnProperty(bindonAttr)) {\n
this.subscribeToOutput(output, attrs[bindonAttr], true);\n  }\n  if (attrs.hasOwnProperty(bracketParenAttr)) {\n
  this.subscribeToOutput(output, attrs[bracketParenAttr], true);\n  }\n  if
(attrs.hasOwnProperty(output.onAttr)) {\n  this.subscribeToOutput(output, attrs[output.onAttr]);\n  }\n  if
(attrs.hasOwnProperty(output.parenAttr)) {\n  this.subscribeToOutput(output, attrs[output.parenAttr]);\n  }\n
}\n }\n\n private subscribeToOutput(output: PropertyBinding, expr: string, isAssignment: boolean = false) {\n
const getter = this.$parse(expr);\n  const setter = getter.assign;\n  if (isAssignment && !setter) {\n  throw new
Error('Expression '${expr}' is not assignable!');\n  }\n  const emitter = this.component[output.prop] as
EventEmitter<any>;\n  if (emitter) {\n  emitter.subscribe({\n  next: isAssignment ? (v: any) => setter
!(this.scope, v) :\n  (v: any) => getter(this.scope, {'$event': v})\n  });\n  } else {\n  throw new
Error(\n  `Missing emitter '${output.prop}' on component
'${getTypeName(this.componentFactory.componentType)}'`);\n  }\n }\n\n registerCleanup() {\n  const
testabilityRegistry = this.componentRef.injector.get(TestabilityRegistry);\n  const destroyComponentRef =
this.wrapCallback(() => this.componentRef.destroy());\n  let destroyed = false;\n\n  this.element.on !('$destroy', ()
=> this.componentScope.$destroy());\n  this.componentScope.$on('$destroy', () => {\n  if (!destroyed) {\n
destroyed = true;\n  testabilityRegistry.unregisterApplication(this.componentRef.location.nativeElement);\n
destroyComponentRef();\n  }\n  });\n }\n\n getInjector(): Injector { return this.componentRef.injector; }\n\n
private updateInput(prop: string, prevValue: any, currValue: any) {\n  if (this.implementsOnChanges) {\n
this.inputChanges[prop] = new SimpleChange(prevValue, currValue, prevValue === currValue);\n  }\n\n
this.inputChangeCount++;\n  this.component[prop] = currValue;\n }\n\n groupProjectableNodes() {\n  let
ngContentSelectors = this.componentFactory.ngContentSelectors;\n  return
groupNodesBySelector(ngContentSelectors, this.element.contents !());\n }\n\n\n /**\n * Group a set of DOM nodes
into `ngContent` groups, based on the given content selectors.\n */\n\nexport function
groupNodesBySelector(ngContentSelectors: string[], nodes: Node[]): Node[][] {\n  const projectableNodes:
Node[][] = [];\n  let wildcardNgContentIndex: number;\n\n  for (let i = 0, ii = ngContentSelectors.length; i < ii; ++i)
{\n  projectableNodes[i] = [];\n  }\n\n  for (let j = 0, jj = nodes.length; j < jj; ++j) {\n  const node = nodes[jj];\n
const ngContentIndex = findMatchingNgContentIndex(node, ngContentSelectors);\n  if (ngContentIndex != null)
{\n  projectableNodes[ngContentIndex].push(node);\n  }\n }\n\n  return projectableNodes;\n }\n\n\nfunction
findMatchingNgContentIndex(element: any, ngContentSelectors: string[]): number|null {\n  const ngContentIndices:
number[] = [];\n  let wildcardNgContentIndex: number = -1;\n  for (let i = 0; i < ngContentSelectors.length; i++) {\n
const selector = ngContentSelectors[i];\n  if (selector === '*') {\n  wildcardNgContentIndex = i;\n  } else {\n
if (matchesSelector(element, selector)) {\n  ngContentIndices.push(i);\n  }\n }\n }\n\n
ngContentIndices.sort();\n  if (wildcardNgContentIndex !== -1) {\n
ngContentIndices.push(wildcardNgContentIndex);\n  }\n  return ngContentIndices.length ? ngContentIndices[0] :
null;\n }\n\n\nlet _matches: (this: any, selector: string) => boolean;\n\nfunction matchesSelector(el: any, selector:
string): boolean {\n  if (!_matches) {\n  const elProto = <any>Element.prototype;\n  _matches = elProto.matches ||
elProto.matchesSelector || elProto.mozMatchesSelector ||\n  elProto.msMatchesSelector ||
elProto.oMatchesSelector || elProto.webkitMatchesSelector;\n  }\n  return el.nodeType ===
Node.ELEMENT_NODE ? _matches.call(el, selector) : false;\n }\n\n", "/*\n * @license\n * Copyright Google Inc.
All Rights Reserved.\n */\n * Use of this source code is governed by an MIT-style license that can be\n * found in
the LICENSE file at https://angular.io/license\n */\n\nimport {isFunction} from './util';\n\nexport interface
Thenable<T> { then(callback: (value: T) => any): any; }\n\nexport function isThenable<T>(obj: unknown): obj is
Thenable<T> {\n  return !!obj && isFunction((obj as any).then);\n }\n\n\n/**\n * Synchronous, promise-like object.\n */\n\nexport class SyncPromise<T> {\n  protected value: T|undefined;\n  private resolved = false;\n  private callbacks:

```

```

((value: T) => unknown)[] = [];
static all<T>(valuesOrPromises: (T|Thenable<T>][]): SyncPromise<T[]> {
  const aggPromise = new SyncPromise<T[]>();
  let resolvedCount = 0;
  const results: T[] = [];
  const resolve = (idx: number, value: T) => {
    results[idx] = value;
    if (++resolvedCount ===
      valuesOrPromises.length) aggPromise.resolve(results);
  };
  valuesOrPromises.forEach((p, idx) => {
    if (isThenable(p)) {
      p.then(v => resolve(idx, v));
    } else {
      resolve(idx, p);
    }
  });
  return aggPromise;
}

resolve(value: T): void {
  // Do nothing, if already resolved.
  if (this.resolved)
    return;
  this.value = value;
  this.resolved = true;
  // Run the queued callbacks.
  this.callbacks.forEach(callback => callback(value));
  this.callbacks.length = 0;
}

then(callback: (value: T) => unknown): void {
  if (this.resolved) {
    callback(this.value!);
  } else {
    this.callbacks.push(callback);
  }
}
}
}

/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 *
 * Use of this source code is governed by an MIT-style license that can be
 * found in the LICENSE file at
 * https://angular.io/license
 */
import { ComponentFactory, ComponentFactoryResolver, Injector, NgZone, Type }
from '@angular/core';
import { IAnnotatedFunction, IAttributes, IAugmentedJQuery, ICompileService,
  IDirective, IInjectorService, INgModelController, IParseService, IScope } from './angular1';
import { $COMPILE, $INJECTOR, $PARSE, INJECTOR_KEY, LAZY_MODULE_REF, REQUIRE_INJECTOR,
  REQUIRE_NG_MODEL } from './constants';
import { DowngradeComponentAdapter } from
  './downgrade_component_adapter';
import { SyncPromise, Thenable } from './promise_util';
import { LazyModuleRef, UpgradeAppType, controllerKey, getDowngradedModuleCount,
  getTypeName, getUpgradeAppType, validateInjectionKey } from './util';

/**
 * @description
 * A helper function that allows an Angular component to be used from AngularJS.
 *
 * Part of the [upgrade/static](api?query=upgrade%2Fstatic) library for hybrid upgrade apps that support AOT compilation.
 *
 * This helper function returns a factory function to be used for registering an AngularJS wrapper directive for
 * "downgrading" an Angular component.
 *
 * @usageNotes
 * ### Examples
 *
 * Let's assume that you have an Angular component called `ng2Heroes` that needs to be made available in AngularJS templates.
 *
 * @example upgrade/static/ts/full/module.ts region="ng2-heroes"
 * We must create an AngularJS [directive](https://docs.angularjs.org/guide/directive) that will make this Angular component available inside
 * AngularJS templates.
 *
 * The `downgradeComponent()` function returns a factory function that we can use to define the AngularJS directive that wraps the
 * "downgraded" component.
 *
 * @example upgrade/static/ts/full/module.ts region="ng2-heroes-wrapper"
 * For more details and examples on downgrading Angular components to AngularJS components please visit the [Upgrade
 * guide](guide/upgrade#using-angular-components-from-angularjs-code).
 *
 * @param info contains information about the Component that is being downgraded:
 *
 * - `component: Type<any>`: The type of the Component that will be downgraded
 *
 * - `downgradedModule?: string`: The name of the downgraded module (if any) that the component
 * "belongs to", as returned by a call to `downgradeModule()`. It is the module, whose
 * corresponding Angular module will be bootstrapped, when the component needs to be instantiated.
 *
 * - `propagateDigest?: boolean`: Whether to perform { @link ChangeDetectorRef#detectChanges
 * change detection } on the component on every { @link $digest}(https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest). If set to `false`,
 * change detection will still be performed when any of the component's inputs changes. (Default: true)
 *
 * @returns a factory function that can be used to register the component in an AngularJS module.
 *
 * @publicApi
 */
export function downgradeComponent(info: {
  component: Type<any>;
  downgradedModule?: string;
  propagateDigest?: boolean;
}) /** @deprecated since v4. This parameter is no longer used */
  inputs?: string[]; /** @deprecated since v4. This parameter is no longer used */
  outputs?: string[]; /** @deprecated since v4. This parameter is no longer used */
  selectors?: string[];
}): any /* angular.IInjectable */ {
  const directiveFactory: IAnnotatedFunction = function(
    $compile: ICompileService, $injector: IInjectorService, $parse: IParseService): IDirective {
    // When using `downgradeModule()`, we need to handle certain things specially. For
    // example:
    // - We always need to attach the component view to the `ApplicationRef` for it to be
    // dirty-

```

```

checked.\n // - We need to ensure callbacks to Angular APIs (e.g. change detection) are run inside the\n //
Angular zone.\n // NOTE: This is not needed, when using `UpgradeModule`, because `digest()` will be run\n
// inside the Angular zone (except if explicitly escaped, in which case we shouldn't\n // force it back
in).\n const isNgUpgradeLite = getUpgradeAppType($injector) === UpgradeAppType.Lite;\n const
wrapCallback: <T>(cb: () => T) => typeof cb =\n     lisNgUpgradeLite ? cb => cb : cb => () =>
NgZone.isInAngularZone() ? cb() : ngZone.run(cb);\n let ngZone: NgZone;\n\n // When downgrading multiple
modules, special handling is needed wrt injectors.\n const hasMultipleDowngradedModules =\n
isNgUpgradeLite && (getDowngradedModuleCount($injector) > 1);\n\n return {\n     restrict: 'E',\n     terminal:
true,\n     require: [REQUIRE_INJECTOR, REQUIRE_NG_MODEL],\n     link: (scope: IScope, element:
IAugmentedJQuery, attrs: IAttributes, required: any[]) => {\n         // We might have to compile the contents
asynchronously, because this might have been\n         // triggered by `UpgradeNg1ComponentAdapterBuilder`,
before the Angular templates have\n         // been compiled.\n\n         const ngModel: INgModelController =
required[1];\n         const parentInjector: Injector|Thenable<Injector>|undefined = required[0];\n         let
moduleInjector: Injector|Thenable<Injector>|undefined = undefined;\n         let ranAsync = false;\n\n         if
(!parentInjector || hasMultipleDowngradedModules) {\n             const downgradedModule = info.downgradedModule
|| "";\n             const lazyModuleRefKey = `${LAZY_MODULE_REF}${downgradedModule}`;\n             const
attemptedAction = `instantiating component '${getTypeName(info.component)}';\n\n
validateInjectionKey($injector, downgradedModule, lazyModuleRefKey, attemptedAction);\n             const
lazyModuleRef = $injector.get(lazyModuleRefKey) as LazyModuleRef;\n             moduleInjector =
lazyModuleRef.injector || lazyModuleRef.promise as Promise<Injector>;\n         }\n\n         // Notes:\n         //\n
// There are two injectors: `finalModuleInjector` and `finalParentInjector` (they might be\n         // the same instance,
but that is irrelevant):\n         // - `finalModuleInjector` is used to retrieve `ComponentFactoryResolver`, thus it must
be\n         // on the same tree as the `NgModule` that declares this downgraded component.\n         // -
`finalParentInjector` is used for all other injection purposes.\n         // (Note that Angular knows to only traverse the
component-tree part of that injector,\n         // when looking for an injectable and then switch to the module
injector.)\n         //\n         // There are basically three cases:\n         // - If there is no parent component (thus no
`parentInjector`), we bootstrap the downgraded\n         // `NgModule` and use its injector as both
`finalModuleInjector` and\n         // `finalParentInjector`.\n         // - If there is a parent component (and thus a
`parentInjector`) and we are sure that it\n         // belongs to the same `NgModule` as this downgraded component
(e.g. because there is only\n         // one downgraded module, we use that `parentInjector` as both
`finalModuleInjector` and\n         // `finalParentInjector`.\n         // - If there is a parent component, but it may belong
to a different `NgModule`, then we\n         // use the `parentInjector` as `finalParentInjector` and this downgraded
component's\n         // declaring `NgModule`'s injector as `finalModuleInjector`.\n         // Note 1: If the
`NgModule` is already bootstrapped, we just get its injector (we don't\n         // bootstrap again).\n         // Note
2: It is possible that (while there are multiple downgraded modules) this\n         // downgraded component and
its parent component both belong to the same NgModule.\n         // In that case, we could have used the
`parentInjector` as both\n         // `finalModuleInjector` and `finalParentInjector`, but (for simplicity) we are\n
// treating this case as if they belong to different `NgModule`s. That doesn't\n         // really affect
anything, since `parentInjector` has `moduleInjector` as ancestor\n         // and trying to resolve
`ComponentFactoryResolver` from either one will return\n         // the same instance.\n\n         // If there is a
parent component, use its injector as parent injector.\n         // If this is a "top-level" Angular component, use the
module injector.\n         const finalParentInjector = parentInjector || moduleInjector !;\n\n         // If this is a "top-
level" Angular component or the parent component may belong to a\n         // different `NgModule`, use the module
injector for module-specific dependencies.\n         // If there is a parent component that belongs to the same
`NgModule`, use its injector.\n         const finalModuleInjector = moduleInjector || parentInjector !;\n\n         const
doDowngrade = (injector: Injector, moduleInjector: Injector) => {\n             // Retrieve `ComponentFactoryResolver`
from the injector tied to the `NgModule` this\n             // component belongs to.\n             const
componentFactoryResolver: ComponentFactoryResolver =\n

```

```
moduleInjector.get(ComponentFactoryResolver);\n    const componentFactory: ComponentFactory<any> =\n      componentFactoryResolver.resolveComponentFactory(info.component) !;\n      if (!componentFactory) {\n        throw new Error(`Expecting ComponentFactory for: ${getTypeName(info.component)}`);\n      }\n    const injectorPromise = new ParentInjectorPromise(element);\n    const facade = new\n      DowngradeComponentAdapter(\n        element, attrs, scope, ngModel, injector, $injector, $compile, $parse,\n        componentFactory, wrapCallback);\n    const projectableNodes = facade.compileContents();\n    facade.createComponent(projectableNodes);\n    facade.setupInputs(isNgUpgradeLite, info.propagateDigest);\n    facade.setupOutputs();\n    facade.registerCleanup();\n\n    injectorPromise.resolve(facade.getInjector());\n    if (ranAsync) {\n      // If this is run async, it is possible\n      // that it is not run inside a\n      // digest and initial input values will not be detected.\n      scope.$evalAsync(()\n        => {});\n    }\n  };\n  const downgradeFn =\n    !isNgUpgradeLite ? doDowngrade : (pInjector:\n    Injector, mInjector: Injector) => {\n    if (!ngZone) {\n      ngZone = pInjector.get(NgZone);\n    }\n    wrapCallback(() => doDowngrade(pInjector, mInjector));\n  };\n  // NOTE: Not\n  // using `ParentInjectorPromise.all()` (which is inherited from `SyncPromise`), because\n  // Closure Compiler (or\n  // some related tool) complains:\n  // `TypeError: ...$src$downgrade_component_ParentInjectorPromise.all is not a\n  // function`\n  SyncPromise.all([finalParentInjector, finalModuleInjector]).then(([pInjector, mInjector])\n    => downgradeFn(pInjector, mInjector));\n  ranAsync = true;\n  };\n  }; }\n  // bracket-notation because\n  // of closure - see #14441\n  directiveFactory['$inject'] = [$COMPILE, $INJECTOR, $PARSE];\n  return\n    directiveFactory;\n}\n\n/**\n * Synchronous promise-like object to wrap parent injectors,\n * * to preserve the\n * synchronous nature of AngularJS's `$compile`.\n *\n * @class ParentInjectorPromise extends SyncPromise<Injector>\n *\n * @private injectorKey: string = controllerKey(INJECTOR_KEY);\n * constructor(private element:\n * IAugmentedJQuery) {\n *   super();\n *   // Store the promise on the element.\n *   element.data !(this.injectorKey,\n * this);\n * }\n * resolve(injector: Injector): void {\n *   // Store the real injector on the element.\n *   this.element.data\n * !(this.injectorKey, injector);\n *   // Release the element to prevent memory leaks.\n *   this.element = null !;\n *   //\n * Resolve the promise.\n * super.resolve(injector);\n * }\n * }\n * ", /**\n * @license\n * Copyright Google Inc. All Rights\n * Reserved.\n * *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the\n * LICENSE file at https://angular.io/license\n * \n *\n * @import {Injector} from '@angular/core';\n * @import\n * {IInjectorService} from './angular1';\n * @import {$INJECTOR, INJECTOR_KEY} from './constants';\n * @import\n * {getTypeName, isFunction, validateInjectionKey} from './util';\n *\n * @description\n * *\n * A helper function to\n * allow an Angular service to be accessible from AngularJS.\n * *\n * Part of the\n * [upgrade/static](api?query=upgrade%2Fstatic)\n * library for hybrid upgrade apps that support AOT compilation*\n * *\n * This helper function returns a factory function that provides access to the Angular\n * service identified by the\n * `token` parameter.\n * *\n * @usageNotes\n * ### Examples\n * *\n * First ensure that the service to be downgraded is\n * provided in an `NgModule`\n * that will be part of the upgrade application. For example, let's assume we have\n * defined `HeroesService`\n * *\n * { @example upgrade/static/ts/full/module.ts region="ng2-heroes-service" }\n * *\n * and that we have included this in our upgrade app `NgModule`\n * *\n * { @example upgrade/static/ts/full/module.ts\n * region="ng2-module" }\n * *\n * Now we can register the `downgradeInjectable` factory function for the service\n * on an AngularJS module.\n * *\n * { @example upgrade/static/ts/full/module.ts region="downgrade-ng2-heroes-\n * service" }\n * *\n * Inside an AngularJS component's controller we can get hold of the\n * downgraded service via the\n * name we gave when downgrading.\n * *\n * { @example upgrade/static/ts/full/module.ts region="example-app" }\n * *\n * <div class="alert is-important">\n * *\n * When using `downgradeModule()`, downgraded injectables will not\n * be available until the Angular\n * module that provides them is instantiated. In order to be safe, you need to ensure\n * that the\n * downgraded injectables are not used anywhere outside the part of the app where it is\n * guaranteed\n * that their module has been instantiated.\n * *\n * For example, it is OK to use a downgraded service in an\n * upgraded component that is only used\n * from a downgraded Angular component provided by the same Angular\n * module as the injectable, but\n * it is not OK to use it in an AngularJS component that may be used\n * independently of Angular or\n * use it in a downgraded Angular component from a different module.\n * *\n * </div>\n * *\n * @param token an `InjectionToken` that identifies a service provided from Angular.\n * @param
```

downgradedModule the name of the downgraded module (if any) that the injectable belongs to, as returned by a call to `downgradeModule()`. It is the module, whose injector will be used for instantiating the injectable. (This option is only necessary when using `downgradeModule()` to downgrade more than one Angular module.) @returns a [factory function](https://docs.angularjs.org/guide/di) that can be used to register the service on an AngularJS module. @publicApi @export function

```

downgradeInjectable(token: any, downgradedModule: string = ""): Function {
  const factory = function($injector:
  InjectorService) {
    const injectorKey = `${INJECTOR_KEY}${downgradedModule}`;
    const
    injectableName = isFunction(token) ? getTypeName(token) : String(token);
    const attemptedAction =
    `instantiating injectable '${injectableName}'`;
    validateInjectionKey($injector, downgradedModule,
    injectorKey, attemptedAction);
    const injector: Injector = $injector.get(injectorKey);
    return
    injector.get(token);
  };
  (factory as any)['$inject'] = [$INJECTOR];
  return factory;
}

```

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Entry point for all public APIs of the common package.

```

import {Version} from '@angular/core';
import {InjectorService} from
'./../src/common/src/angular1';

```

We have to do a little dance to get the ng1 injector into the module injector. We store the ng1 injector so that the provider in the module injector can access it. Then we "get" the ng1 injector from the module injector, which triggers the provider to read the stored injector and release the reference to it.

```

let tempInjectorRef: InjectorService | null = null;
export function setTempInjectorRef(injector:
InjectorService) {
  tempInjectorRef = injector;
}
export function injectorFactory() {
  if (!tempInjectorRef) {
    throw new Error('Trying to get the AngularJS injector before it being set.');
```

const injector: InjectorService = tempInjectorRef;
 tempInjectorRef = null; // clear the value to prevent memory leaks
 return injector;
 }
 export function rootScopeFactory(i: InjectorService) {
 return i.get('\$rootScope');

export function compileFactory(i: InjectorService) {
 return i.get('\$compile');

export function parseFactory(i: InjectorService) {
 return i.get('\$parse');

export const angular1Providers = [
 // We must use exported named functions for the ng2 factories to keep the compiler happy:
 // > Metadata collected contains an error that will be reported at runtime:
 // > Function calls are not supported.
 // > Consider replacing the function or lambda with a reference to an exported function
 {provide: '\$injector', useFactory: injectorFactory, deps: []},
 {provide: '\$rootScope', useFactory: rootScopeFactory, deps: ['\$injector']},
 {provide: '\$compile', useFactory: compileFactory, deps: ['\$injector']},
 {provide: '\$parse', useFactory: parseFactory, deps: ['\$injector']}];
 };

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```

import {Injector,
ÉµNOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR as
NOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR} from '@angular/core';
export class
NgAdapterInjector implements Injector {
  constructor(private modInjector: Injector) {}
  // When Angular locate a service in the component injector tree, the not found value is set to
  `NOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR`. In such a case we should not walk up to the module
  // injector. AngularJS only supports a single tree and should always check the module injector.
  get(token: any, notFoundValue?: any): any {
    if (notFoundValue ===
    NOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR) {
      return notFoundValue;
    }
    return
    this.modInjector.get(token, notFoundValue);
  }
}

```

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```

import {Injector, NgModuleFactory, NgModuleRef,
StaticProvider} from '@angular/core';
import {platformBrowser} from '@angular/platform-browser';
import {InjectorService, IProvideService, module_ as angularModule} from './../src/common/src/angular1';
import {
$INJECTOR, $PROVIDE, DOWNGRADED_MODULE_COUNT_KEY, INJECTOR_KEY,

```

```

LAZY_MODULE_REF, UPGRADE_APP_TYPE_KEY, UPGRADE_MODULE_NAME} from
'././src/common/src/constants';\nimport {LazyModuleRef, UpgradeAppType, getDowngradedModuleCount,
isFunction} from '././src/common/src/util';\n\nimport {angular1Providers, setTempInjectorRef} from
'./angular1_providers';\nimport {NgAdapterInjector} from './util';\n\n\nlet moduleId = 0;\n\n/**\n * @description\n *\n * A helper function for creating an AngularJS module that can bootstrap an Angular module\n * \n * "on-demand"\n * (possibly lazily) when a {@link DowngradeComponent downgradeComponent} needs to be\n * instantiated.\n *\n * Part of the [upgrade/static](api?query=upgrade/static) library for hybrid upgrade apps that\n * support AOT compilation.\n *\n * It allows loading/bootstrapping the Angular part of a hybrid application lazily and not having\n * to\n * pay the cost up-front. For example, you can have an AngularJS application that uses Angular for\n * specific routes and only instantiate the Angular modules if/when the user visits one of these\n * routes.\n *\n * The Angular module will be bootstrapped once (when requested for the first time) and the same\n * reference will be used from that point onwards.\n *\n * `downgradeModule()` requires either an `NgModuleFactory` or a function:\n * - `NgModuleFactory`: If you pass an `NgModuleFactory`, it will be used to instantiate a module\n * using `platformBrowser`'s {@link PlatformRef#bootstrapModuleFactory bootstrapModuleFactory()}. \n * - `Function`: If you pass a function, it is expected to return a promise resolving to an\n * `NgModuleRef`. The function is called with an array of extra {@link StaticProvider Providers}\n * that are expected to be available from the returned `NgModuleRef`'s `Injector`. \n *\n * `downgradeModule()` returns the name of the created AngularJS wrapper module. You can use it to\n * declare a dependency in your main AngularJS module.\n *\n * { @example\n * upgrade/static/ts/lite/module.ts region="basic-how-to"}\n *\n * For more details on how to use `downgradeModule()` see\n * [Upgrading for Performance](guide/upgrade-performance).\n *\n * @usageNotes\n *\n * Apart from `UpgradeModule`, you can use the rest of the `upgrade/static` helpers as usual to\n * build a hybrid application. Note that the Angular pieces (e.g. downgraded services) will not be\n * available until the downgraded module has been bootstrapped, i.e. by instantiating a downgraded\n * component.\n *\n * <div class="alert is-important">\n *\n * You cannot use `downgradeModule()` and `UpgradeModule` in the same hybrid application.<br />\n *\n * Use one or the other.\n *\n * </div>\n *\n * ### Differences with `UpgradeModule`\n *\n * Besides their different API, there are two important internal differences between\n * `downgradeModule()` and `UpgradeModule` that affect the behavior of hybrid applications:\n *\n * 1. Unlike `UpgradeModule`, `downgradeModule()` does not bootstrap the main AngularJS module\n * inside the {@link NgZone Angular zone}.\n *\n * 2. Unlike `UpgradeModule`, `downgradeModule()` does not automatically run a\n * [$digest()](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest) when changes are\n * detected in the Angular part of the application.\n *\n * What this means is that applications using `UpgradeModule` will run change detection more\n * frequently in order to ensure that both frameworks are properly notified about possible changes.\n *\n * This will inevitably result in more change detection runs than necessary.\n *\n * `downgradeModule()`, on the other side, does not try to tie the two change detection systems as\n * tightly, restricting the explicit change detection runs only to cases where it knows it is\n * necessary (e.g. when the inputs of a downgraded component change). This improves performance,\n * especially in change-detection-heavy applications, but leaves it up to the developer to manually\n * notify each framework as needed.\n *\n * For a more detailed discussion of the differences and their implications, see\n * [Upgrading for Performance](guide/upgrade-performance).\n *\n * <div class="alert is-helpful">\n *\n * You can manually trigger a change detection run in AngularJS using\n * [scope.$apply(...)](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$apply) or\n * [$rootScope.$digest()](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest).\n *\n * You can manually trigger a change detection run in Angular using { @link NgZone#run\n * ngZone.run(...)}.\n *\n * </div>\n *\n * ### Downgrading multiple modules\n *\n * It is possible to downgrade multiple modules and include them in an AngularJS application. In\n * that case, each downgraded module will be bootstrapped when an associated downgraded component or\n * injectable needs to be instantiated.\n *\n * Things to keep in mind, when downgrading multiple modules:\n *\n * - Each downgraded component/injectable needs to be explicitly associated with a downgraded\n * module. See `downgradeComponent()` and `downgradeInjectable()` for more details.\n *\n * - If you want some injectables to be shared among all downgraded modules, you can provide them as

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`StaticProvider`s, when creating the `PlatformRef` (e.g. via `platformBrowser` or
`platformBrowserDynamic`).\n * - When using {@link PlatformRef#bootstrapModule `bootstrapModule()`}
or\n * {@link PlatformRef#bootstrapModuleFactory `bootstrapModuleFactory()`} to bootstrap the\n *
downgraded modules, each one is considered a `root` module. As a consequence, a new instance\n * will be
created for every injectable provided in `root` (via\n * {@link Injectable#providedIn `providedIn`}).\n * If this
is not your intention, you can have a shared module (that will act as the `root`\n * module) and create all
downgraded modules using that module's injector:\n * \n * {@example upgrade/static/ts/lite-multi-shared/module.ts
region="shared-root-module"}\n * \n * @publicApi\n * \nexport function downgradeModule<T>(\n
moduleFactoryOrBootstrapFn: NgModuleFactory<T>\n ((extraProviders: StaticProvider[]) =>
Promise<NgModuleRef<T>>)): string {\n const lazyModuleName =
`${UPGRADE_MODULE_NAME}.lazy${++moduleId}`;\n const lazyModuleRefKey =
`${LAZY_MODULE_REF}${lazyModuleName}`;\n const lazyInjectorKey =
`${INJECTOR_KEY}${lazyModuleName}`;\n\n const bootstrapFn = isFunction(moduleFactoryOrBootstrapFn)
?\n moduleFactoryOrBootstrapFn :\n (extraProviders: StaticProvider[]) =>\n
platformBrowser(extraProviders).bootstrapModuleFactory(moduleFactoryOrBootstrapFn);\n\n let injector:
Injector;\n\n // Create an ng1 module to bootstrap.\n angularModule(lazyModuleName, [])\n
.constant(UPGRADE_APP_TYPE_KEY, UpgradeAppType.Lite)\n .factory(INJECTOR_KEY,
[lazyInjectorKey, identity])\n .factory(\n lazyInjectorKey,\n () => {\n if (!injector) {\n
throw new Error(\n 'Trying to get the Angular injector before bootstrapping the corresponding ' +\n
'Angular module.);\n }\n return injector;\n })\n .factory(LAZY_MODULE_REF,
[lazyModuleRefKey, identity])\n .factory(\n lazyModuleRefKey,\n [\n $INJECTOR,\n
($injector: IInjectorService) => {\n setTempInjectorRef($injector);\n const result: LazyModuleRef
= {\n promise: bootstrapFn(angularProviders).then(ref => {\n injector = result.injector = new
NgAdapterInjector(ref.injector);\n injector.get($INJECTOR);\n return injector;\n
})\n });\n return result;\n })\n ]) .config([\n $INJECTOR, $PROVIDE,\n
($injector: IInjectorService, $provide: IProvideService) => {\n
$provide.constant(DOWNGRADED_MODULE_COUNT_KEY, getDowngradedModuleCount($injector) + 1);\n
})\n ]);\n\n return lazyModuleName;\n }\n\nfunction identity<T = any>(x: T): T {\n return x;\n }\n\n",/**\n *
@license\n * Copyright Google Inc. All Rights Reserved.\n * \n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n * \n\nimport {ElementRef,
Injector, SimpleChanges} from '@angular/core';\n\nimport {DirectiveRequireProperty, IAugmentedJQuery,
ICloneAttachFunction, ICompileService, IController, IControllerService, IDirective, IHttpBackendService,
IInjectorService, ILinkFn, IScope, ITemplateCacheService, SingleOrListOrMap, element as angularElement} from
'./angular1';\n\nimport {$COMPILE, $CONTROLLER, $HTTP_BACKEND, $INJECTOR, $TEMPLATE_CACHE}
from './constants';\n\nimport {controllerKey, directiveNormalize, isFunction} from './util';\n\n\n// Constants\nconst
REQUIRE_PREFIX_RE = /^(\\|\\^)?(\\|)?(\\|\\^)?/;\n\n// Interfaces\nexport interface IBindingDestination {\n
[key: string]: any;\n $onChanges?: (changes: SimpleChanges) => void;\n}\n\nexport interface IControllerInstance
extends IBindingDestination {\n $doCheck?: () => void;\n $onDestroy?: () => void;\n $onInit?: () => void;\n
$postLink?: () => void;\n}\n\n// Classes\nexport class UpgradeHelper {\n public readonly $injector:
IInjectorService;\n public readonly element: Element;\n public readonly $element: IAugmentedJQuery;\n public
readonly directive: IDirective;\n\n private readonly $compile: ICompileService;\n private readonly $controller:
IControllerService;\n\n constructor(\n private injector: Injector, private name: string, elementRef: ElementRef,\n
directive?: IDirective) {\n this.$injector = injector.get($INJECTOR);\n this.$compile =
this.$injector.get($COMPILE);\n this.$controller = this.$injector.get($CONTROLLER);\n\n this.element =
elementRef.nativeElement;\n this.$element = angularElement(this.element);\n\n this.directive = directive ||
UpgradeHelper.getDirective(this.$injector, name);\n }\n\n static getDirective($injector: IInjectorService, name:
string): IDirective {\n const directives: IDirective[] = $injector.get(name + 'Directive');\n if (directives.length >
1) {\n throw new Error('Only support single directive definition for: ${name}');\n }\n\n const directive =

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directives[0];\n\n // AngularJS will transform `link: xyz` to `compile: () => xyz`. So we can only tell there was a\n
// user-defined `compile` if there is no `link`. In other cases, we will just ignore `compile`.\n\n if (directive.compile
&& !directive.link) notSupported(name, 'compile');\n\n if (directive.replace) notSupported(name, 'replace');\n\n if
(directive.terminal) notSupported(name, 'terminal');\n\n\n return directive;\n\n }\n\n\n static getTemplate(\n
$injector: IInjectorService, directive: IDirective, fetchRemoteTemplate = false,\n\n $element?:
IAugmentedJQuery): string|Promise<string> {\n\n\n if (directive.template !== undefined) {\n\n\n return
getOrCall<string>(directive.template, $element);\n\n\n } else if (directive.templateUrl) {\n\n\n const $templateCache =
$injector.get($TEMPLATE_CACHE) as ITemplateCacheService;\n\n\n const url =
getOrCall<string>(directive.templateUrl, $element);\n\n\n const template = $templateCache.get(url);\n\n\n if
(template !== undefined) {\n\n\n return template;\n\n\n } else if (!fetchRemoteTemplate) {\n\n\n throw new
Error('loading directive templates asynchronously is not supported');\n\n\n }\n\n\n return new Promise((resolve,
reject) => {\n\n\n const $httpBackend = $injector.get($HTTP_BACKEND) as IHttpBackendService;\n\n\n
$httpBackend('GET', url, null, (status: number, response: string) => {\n\n\n if (status === 200) {\n\n\n
resolve($templateCache.put(url, response));\n\n\n } else {\n\n\n reject(`GET component template from '${url}'
returned '${status}: ${response}'`);\n\n\n }\n\n\n });\n\n\n } else {\n\n\n throw new Error(`Directive
'${directive.name}' is not a component, it is missing template.`);\n\n\n }\n\n\n }\n\n\n buildController(controllerType:
IController, $scope: IScope) {\n\n\n // TODO: Document that we do not pre-assign bindings on the controller
instance.\n\n\n // Quoted properties below so that this code can be optimized with Closure Compiler.\n\n\n const locals =
{'$scope': $scope, '$element': this.$element};\n\n\n const controller = this.$controller(controllerType, locals, null,
this.directive.controllerAs);\n\n\n\n this.$element.data !(controllerKey(this.directive.name !), controller);\n\n\n\n return
controller;\n\n\n }\n\n\n compileTemplate(template?: string): ILinkFn {\n\n\n if (template === undefined) {\n\n\n template
=;\n\n\n UpgradeHelper.getTemplate(this.$injector, this.directive, false, this.$element) as string;\n\n\n }\n\n\n\n return
this.compileHtml(template);\n\n\n }\n\n\n onDestroy($scope: IScope, controllerInstance?: any) {\n\n\n if
(controllerInstance && isFunction(controllerInstance.$onDestroy)) {\n\n\n controllerInstance.$onDestroy();\n\n\n }\n\n\n
$scope.$destroy();\n\n\n // Clean the jQuery/jqLite data on the component+child elements.\n\n\n // Equivalent to how
jQuery/jqLite invoke `cleanData` on an Element (this.element)\n\n\n //
https://github.com/jquery/jquery/blob/e743cbd28553267f955f71ea7248377915613fd9/src/manipulation.js#L223\n
// https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/jqLite.js#L306-L312\n
// `cleanData` will invoke the AngularJS `$destroy` DOM event\n\n\n //
https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/Angular.js#L1911-L1924\n
angularElement.cleanData([this.element]);\n\n\n angularElement.cleanData(this.element.querySelectorAll('*'));\n\n\n\n prepareTransclusion(): ILinkFn|undefined
{\n\n\n const transclude = this.directive.transclude;\n\n\n const contentChildNodes = this.extractChildNodes();\n\n\n const
attachChildrenFn: ILinkFn = (scope, cloneAttachFn) => {\n\n\n // Since AngularJS v1.5.8, `cloneAttachFn` will try
to destroy the transclusion scope if\n\n\n // `template` is empty. Since the transcluded content comes from Angular,
not AngularJS,\n\n\n // there will be no transclusion scope here.\n\n\n // Provide a dummy `scope.$destroy()` method
to prevent `cloneAttachFn` from throwing.\n\n\n scope = scope || {$destroy: () => undefined};\n\n\n return
cloneAttachFn !($template, scope);\n\n\n }; \n\n\n let $template = contentChildNodes;\n\n\n if (transclude) {\n\n\n const
slots = Object.create(null);\n\n\n if (typeof transclude === 'object') {\n\n\n $template = [];\n\n\n const slotMap =
Object.create(null);\n\n\n const filledSlots = Object.create(null);\n\n\n // Parse the element selectors.\n\n\n
Object.keys(transclude).forEach(slotName => {\n\n\n let selector = transclude[slotName];\n\n\n const optional =
selector.charAt(0) === '?';\n\n\n selector = optional ? selector.substr(1) : selector;\n\n\n slotMap[selector] =
slotName;\n\n\n slots[slotName] = null; // `null`: Defined but not yet filled.\n\n\n filledSlots[slotName] =
optional; // Consider optional slots as filled.\n\n\n });\n\n\n // Add the matching elements into their slot.\n\n\n
contentChildNodes.forEach(node => {\n\n\n const slotName =
slotMap[directiveNormalize(node.nodeName.toLowerCase)];\n\n\n if (slotName) {\n\n\n filledSlots[slotName] = true;\n\n\n slots[slotName] = slots[slotName] || [];\n\n\n slots[slotName].push(node);\n\n\n } else {\n\n\n $template.push(node);\n\n\n }\n\n\n });\n\n\n }\n\n\n // Check for required slots that were not

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filled.\n    Object.keys(filledSlots).forEach(slotName => {\n        if (!filledSlots[slotName]) {\n            throw
new Error('Required transclusion slot '${slotName}' on directive: ${this.name}');\n        }\n    });\n\n    Object.keys(slots).filter(slotName => slots[slotName]).forEach(slotName => {\n        const nodes =
slots[slotName];\n        slots[slotName] = (scope: IScope, cloneAttach: ICloneAttachFunction) => {\n            return
cloneAttach !(nodes, scope);\n        };\n    });\n\n    // Attach `$$slots` to default slot transclude fn.\n    attachChildrenFn.$$slots = slots;\n\n    // AngularJS v1.6+ ignores empty or whitespace-only transcluded text
nodes. But Angular\n    // removes all text content after the first interpolation and updates it later, after\n    // evaluating the expressions. This would result in AngularJS failing to recognize text\n    // nodes that start with an
interpolation as transcluded content and use the fallback\n    // content instead.\n    // To avoid this issue, we add
a\n    // [zero-width non-joiner character](https://en.wikipedia.org/wiki/Zero-width_non-joiner)\n    // to empty
text nodes (which can only be a result of Angular removing their initial content).\n    // NOTE: Transcluded text
content that starts with whitespace followed by an interpolation\n    // will still fail to be detected by AngularJS
v1.6+\n    $template.forEach(node => {\n        if (node.nodeType === Node.TEXT_NODE && !node.nodeValue)
{\n            node.nodeValue = '\\u200C';\n        }\n    });\n\n    return attachChildrenFn;\n\n    private resolveAndBindRequiredControllers(controllerInstance: IControllerInstance|null) {\n        const directiveRequire =
this.getDirectiveRequire();\n        const requiredControllers = this.resolveRequire(directiveRequire);\n\n        if
(controllerInstance && this.directive.bindToController && isMap(directiveRequire)) {\n            const
requiredControllersMap = requiredControllers as {[key: string]: IControllerInstance};\n\n            Object.keys(requiredControllersMap).forEach(key => {\n                controllerInstance[key] =
requiredControllersMap[key];\n            });\n        }\n\n        return requiredControllers;\n    }\n\n    private compileHtml(html:
string): ILinkFn {\n        this.element.innerHTML = html;\n        return this.$compile(this.element.childNodes);\n    }\n\n    private extractChildNodes(): Node[] {\n        const childNodes: Node[] = [];\n        let childNode: Node|null;\n\n        while
(childNode = this.element.firstChild) {\n            this.element.removeChild(childNode);\n\n            childNodes.push(childNode);\n        }\n\n        return childNodes;\n    }\n\n    private getDirectiveRequire():
DirectiveRequireProperty {\n        const require = this.directive.require || (this.directive.controller &&
this.directive.name) !;\n\n        if (isMap(require)) {\n            Object.keys(require).forEach(key => {\n                const value =
require[key];\n                const match = value.match(REQUIRE_PREFIX_RE) !;\n                const name =
value.substring(match[0].length);\n\n                if (!name) {\n                    require[key] = match[0] + key;\n                }\n            });\n        }\n\n        return require;\n    }\n\n    private resolveRequire(require: DirectiveRequireProperty, controllerInstance?:
any):\n    SingleOrListOrMap<IControllerInstance>|null {\n        if (!require) {\n            return null;\n        } else if
(Array.isArray(require)) {\n            return require.map(req => this.resolveRequire(req));\n        } else if (typeof require
=== 'object') {\n            const value: {[key: string]: IControllerInstance} = {};\n            Object.keys(require).forEach(key =>
value[key] = this.resolveRequire(require[key]) !);\n            return value;\n        } else if (typeof require === 'string') {\n            const match = require.match(REQUIRE_PREFIX_RE) !;\n            const inheritType = match[1] || match[3];\n\n            const name = require.substring(match[0].length);\n            const isOptional = !!match[2];\n            const searchParents =
!!inheritType;\n            const startOnParent = inheritType === '^';\n\n            const ctrlKey = controllerKey(name);\n            const elem = startOnParent ? this.$element.parent !() : this.$element;\n            const value = searchParents ?
elem.inheritedData !(ctrlKey) : elem.data !(ctrlKey);\n\n            if (!value && !isOptional) {\n                throw new Error(\n
                `Unable to find required '${require}' in upgraded directive '${this.name}'.`);\n            }\n\n            return value;\n        }
else {\n            throw new Error(\n                `Unrecognized 'require' syntax on upgraded directive '${this.name}':
${require}`);\n        }\n    }\n\n    function getOrCall<T>(property: T | Function, ...args: any[]): T {\n        return
isFunction(property) ? property(...args) : property;\n    }\n\n    // NOTE: Only works for `typeof T !== 'object'.\n    function
isMap<T>(value: SingleOrListOrMap<T>): value is {[key: string]: T} {\n        return value && !Array.isArray(value)
&& typeof value === 'object';\n    }\n\n    function notSupported(name: string, feature: string) {\n        throw new
Error('Upgraded directive '${name}' contains unsupported feature: '${feature}'.');\n    }\n\n    /**\n     * @license\n     *
Copyright Google Inc. All Rights Reserved.\n     * Use of this source code is governed by an MIT-style license that
can be\n     * found in the LICENSE file at https://angular.io/license\n     */\n\n    import { DoCheck, ElementRef,
EventEmitter, Injector, OnChanges, OnDestroy, OnInit, SimpleChanges, ÉµlooseIdentical as looseIdentical } from

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'@angular/core';\n\nimport { IAttributes, IAugmentedJQuery, IDirective, IDirectivePrePost, IInjectorService,
ILinkFn, IScope, ITranscludeFunction } from '../src/common/src/angular1';\nimport { $SCOPE } from
'../src/common/src/constants';\nimport { IBindingDestination, IControllerInstance, UpgradeHelper } from
'../src/common/src/upgrade_helper';\nimport { isFunction } from '../src/common/src/util';\n\nconst
NOT_SUPPORTED: any = 'NOT_SUPPORTED';\nconst INITIAL_VALUE = {\n  __UNINITIALIZED__:
true\n};\n\nclass Bindings {\n  twoWayBoundProperties: string[] = [];\n  twoWayBoundLastValues: any[] = [];\n\n  expressionBoundProperties: string[] = [];\n\n  propertyToOutputMap: {[propName: string]: string} =
{};\n\n  /**\n   * @description\n   * A helper class that allows an AngularJS component to be used from
Angular.\n   * *Part of the [upgrade/static](api?query=upgrade%2Fstatic)\n   * library for hybrid upgrade apps that
support AOT compilation.*\n   * This helper class should be used as a base class for creating Angular directives\n
   * that wrap AngularJS components that need to be \"upgraded\".\n   * @usageNotes\n   * ### Examples\n   *
Let's assume that you have an AngularJS component called `ng1Hero` that needs\n   * to be made available in
Angular templates.\n   * * { @example upgrade/static/ts/full/module.ts region=\"ng1-hero\" }\n   * We must create
a `Directive` that will make this AngularJS component\n   * available inside Angular templates.\n   * * { @example
upgrade/static/ts/full/module.ts region=\"ng1-hero-wrapper\" }\n   * In this example you can see that we must
derive from the `UpgradeComponent`\n   * base class but also provide an {@link Directive `@Directive`} decorator.
This is\n   * because the AOT compiler requires that this information is statically available at\n   * compile time.\n
   * Note that we must do the following:\n   * * specify the directive's selector (`ng1-hero`)\n   * * specify all inputs and
outputs that the AngularJS component expects\n   * * derive from `UpgradeComponent`\n   * * call the base class from
the constructor, passing\n   * * the AngularJS name of the component (`ng1Hero`)\n   * * the `ElementRef` and
`Injector` for the component wrapper\n   * * @publicApi\n   */\n  next export class UpgradeComponent implements
OnInit, OnChanges, DoCheck, OnDestroy {\n    private helper: UpgradeHelper;\n\n    private $injector:
InjectorService;\n\n    private element: Element;\n    private $element: IAugmentedJQuery;\n    private
$scopeComponentScope: IScope;\n\n    private directive: IDirective;\n    private bindings: Bindings;\n\n    //
TODO(issue/24571): remove '!'\n    private controllerInstance!: IControllerInstance;\n    // TODO(issue/24571):
remove '!'\n    private bindingDestination!: IBindingDestination;\n\n    // We will be instantiating the controller in the
`ngOnInit` hook, when the\n    // first `ngOnChanges` will have been already triggered. We store the\n    //
`SimpleChanges` and `play them back` later.\n    // TODO(issue/24571): remove '!'\n    private pendingChanges!:
SimpleChanges | null;\n\n    // TODO(issue/24571): remove '!'\n    private unregisterDoCheckWatcher!: Function;\n\n
/**\n   * Create a new `UpgradeComponent` instance. You should not normally need to do this.\n   * Instead you
should derive a new class from this one and call the super constructor\n   * from the base class.\n   * *\n   *
{ @example upgrade/static/ts/full/module.ts region=\"ng1-hero-wrapper\" }\n   * * The `name` parameter
should be the name of the AngularJS directive.\n   * * The `elementRef` and `injector` parameters should be
acquired from Angular by dependency\n   * injection into the base class constructor.\n   * *\n   * constructor(private
name: string, private elementRef: ElementRef, private injector: Injector) {\n    this.helper = new
UpgradeHelper(injector, name, elementRef);\n\n    this.$injector = this.helper.$injector;\n\n    this.element =
this.helper.element;\n    this.$element = this.helper.$element;\n\n    this.directive = this.helper.directive;\n
this.bindings = this.initializeBindings(this.directive);\n\n    // We ask for the AngularJS scope from the Angular
injector, since\n    // we will put the new component scope onto the new injector for each component\n    const
$scopeParentScope = injector.get($SCOPE);\n    // QUESTION 1: Should we create an isolated scope if the scope is only
true?\n    // QUESTION 2: Should we make the scope accessible through `$element.scope()/isolateScope()`?\n
this.$componentScope = $parentScope.$new(!this.directive.scope);\n\n    this.initializeOutputs();\n  }\n\n  ngOnInit() {\n    // Collect contents, insert and compile template\n    const attachChildNodes: ILinkFn|undefined =
this.helper.prepareTransclusion();\n    const linkFn = this.helper.compileTemplate();\n\n    // Instantiate controller\n
const controllerType = this.directive.controller;\n    const bindToController = this.directive.bindToController;\n    if
(controllerType) {\n      this.controllerInstance = this.helper.buildController(controllerType,
this.$componentScope);\n    } else if (bindToController) {\n      throw new Error(`\n      `Upgraded directive
`${this.directive.name}` specifies 'bindToController' but no controller.`);\n    }\n\n    // Set up outputs\n
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this.bindingDestination = bindToController ? this.controllerInstance : this.$componentScope;\n
this.bindOutputs();\n\n // Require other controllers\n const requiredControllers =\n
this.helper.resolveAndBindRequiredControllers(this.controllerInstance);\n\n // Hook: $onChanges\n if\n
(this.pendingChanges) {\n this.forwardChanges(this.pendingChanges);\n this.pendingChanges = null;\n
}\n\n // Hook: $onInit\n if (this.controllerInstance && isFunction(this.controllerInstance.$onInit)) {\n
this.controllerInstance.$onInit();\n }\n\n // Hook: $doCheck\n if (this.controllerInstance &&\n
isFunction(this.controllerInstance.$doCheck)) {\n const callDoCheck = () => this.controllerInstance.$doCheck\n
!();\n this.unregisterDoCheckWatcher = this.$componentScope.$parent.$watch(callDoCheck);\n
callDoCheck();\n }\n\n // Linking\n const link = this.directive.link;\n const preLink = typeof link === 'object'\n
&& link.pre;\n const postLink = typeof link === 'object' ? link.post : link;\n const attrs: IAttributes =\n
NOT_SUPPORTED;\n const transcludeFn: ITranscludeFunction = NOT_SUPPORTED;\n if (preLink) {\n
preLink(this.$componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n }\n\n
linkFn(this.$componentScope, null !, {parentBoundTranscludeFn: attachChildNodes});\n\n if (postLink) {\n
postLink(this.$componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n }\n\n // Hook:\n
$postLink\n if (this.controllerInstance && isFunction(this.controllerInstance.$postLink)) {\n
this.controllerInstance.$postLink();\n }\n }\n\n ngOnChanges(changes: SimpleChanges) {\n if\n
(!this.bindingDestination) {\n this.pendingChanges = changes;\n } else {\n this.forwardChanges(changes);\n
}\n }\n\n ngDoCheck() {\n const twoWayBoundProperties = this.bindings.twoWayBoundProperties;\n const\n
twoWayBoundLastValues = this.bindings.twoWayBoundLastValues;\n const propertyToOutputMap =\n
this.bindings.propertyToOutputMap;\n\n twoWayBoundProperties.forEach((propName, idx) => {\n const\n
newValue = this.bindingDestination[propName];\n const oldValue = twoWayBoundLastValues[idx];\n\n if\n
(!looseIdentical(newValue, oldValue)) {\n const outputName = propertyToOutputMap[propName];\n const\n
eventEmitter: EventEmitter<any> = (this as any)[outputName];\n\n eventEmitter.emit(newValue);\n
twoWayBoundLastValues[idx] = newValue;\n }\n });\n }\n\n ngOnDestroy() {\n if\n
(isFunction(this.unregisterDoCheckWatcher)) {\n this.unregisterDoCheckWatcher();\n }\n
this.helper.onDestroy(this.$componentScope, this.controllerInstance);\n }\n\n private initializeBindings(directive:\n
IDirective) {\n const btcIsObject = typeof directive.bindToController === 'object';\n if (btcIsObject &&\n
Object.keys(directive.scope !).length) {\n throw new Error(\n `Binding definitions on scope and controller\n
at the same time is not supported.`);\n }\n\n const context = btcIsObject ? directive.bindToController :\n
directive.scope;\n const bindings = new Bindings();\n\n if (typeof context === 'object') {\n
Object.keys(context).forEach(propName => {\n const definition = context[propName];\n const\n
bindingType = definition.charAt(0);\n\n // QUESTION: What about `=*`? Ignore? Throw? Support?\n\n
switch (bindingType) {\n case '@':\n case '<':\n // We don't need to do anything special. They will\n
be defined as inputs on the\n // upgraded component facade and the change propagation will be handled by\n
\n `ngOnChanges`\n break;\n case '=':\n
bindings.twoWayBoundProperties.push(propName);\n
bindings.twoWayBoundLastValues.push(INITIAL_VALUE);\n bindings.propertyToOutputMap[propName]\n
= propName + 'Change';\n break;\n case '&':\n
bindings.expressionBoundProperties.push(propName);\n bindings.propertyToOutputMap[propName] =\n
propName;\n break;\n default:\n let json = JSON.stringify(context);\n throw new Error(\n
`Unexpected mapping '${bindingType}' in '${json}' in '${this.name}' directive.`);\n }\n });\n }\n\n
return bindings;\n }\n\n private initializeOutputs() {\n // Initialize the outputs for `=` and `&` bindings\n
this.bindings.twoWayBoundProperties.concat(this.bindings.expressionBoundProperties)\n .forEach(propName\n
=> {\n const outputName = this.bindings.propertyToOutputMap[propName];\n (this as\n
any)[outputName] = new EventEmitter();\n });\n }\n\n private bindOutputs() {\n // Bind `&` bindings to the\n
corresponding outputs\n this.bindings.expressionBoundProperties.forEach(propName => {\n const outputName\n
= this.bindings.propertyToOutputMap[propName];\n const emitter = (this as any)[outputName];\n\n
this.bindingDestination[propName] = (value: any) => emitter.emit(value);\n });\n }\n\n private

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forwardChanges(changes: SimpleChanges) {\n  // Forward input changes to `bindingDestination`\n  Object.keys(changes).forEach(\n    propName => this.bindingDestination[propName] =\n    changes[propName].currentValue);\n\n  if (isFunction(this.bindingDestination.$onChanges)) {\n    this.bindingDestination.$onChanges(changes);\n  }\n}\n\n"/**\n * @license\n * Copyright Google Inc. All\n * Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in the\n * LICENSE file at https://angular.io/license\n */\n\nimport {Injector, NgModule, NgZone, Testability, isDevMode}\nfrom '@angular/core';\nimport {IInjectorService, IIntervalService, IProvideService, ITestabilityService, bootstrap,\n  element as angularElement, module_ as angularModule} from '../src/common/src/angular1';\nimport {\n  $$TESTABILITY, $DELEGATE, $INJECTOR, $INTERVAL, $PROVIDE, INJECTOR_KEY,\n  LAZY_MODULE_REF, UPGRADE_APP_TYPE_KEY, UPGRADE_MODULE_NAME} from\n  '../src/common/src/constants';\nimport {LazyModuleRef, UpgradeAppType, controllerKey} from\n  '../src/common/src/util';\nimport {angular1Providers, setTempInjectorRef} from './angular1_providers';\nimport\n  {NgAdapterInjector} from './util';\n\n/**\n * An `NgModule`, which you import to provide\n * AngularJS core services,\n * and has an instance method used to bootstrap the hybrid upgrade application.\n *\n * Part of the [upgrade/static](api?query=upgrade/static)\n * library for hybrid upgrade apps that support AOT\n * compilation.\n * The `upgrade/static` package contains helpers that allow AngularJS and Angular components\n * to be used together inside a hybrid upgrade application, which supports AOT compilation.\n * Specifically, the\n * classes and functions in the `upgrade/static` module allow the following:\n *\n * 1. Creation of an Angular directive\n * that wraps and exposes an AngularJS component so\n * that it can be used in an Angular template. See\n * `UpgradeComponent`.\n *\n * 2. Creation of an AngularJS directive that wraps and exposes an Angular component so\n * that it can be used in an AngularJS template. See `downgradeComponent`.\n *\n * 3. Creation of an Angular root\n * injector provider that wraps and exposes an AngularJS\n * service so that it can be injected into an Angular\n * context. See\n * {@link UpgradeModule#upgrading-an-angular-1-service Upgrading an AngularJS service}\n * below.\n *\n * 4. Creation of an AngularJS service that wraps and exposes an Angular injectable\n * so that it can be\n * injected into an AngularJS context. See `downgradeInjectable`.\n *\n * 3. Bootstrapping of a hybrid Angular application\n * which contains both of the frameworks\n * coexisting in a single application.\n *\n * @usageNotes\n * ```ts\n * import {UpgradeModule} from '@angular/upgrade/static';\n * ```\n *\n * See also the {@link\n * UpgradeModule#examples examples} below.\n *\n * ### Mental Model\n *\n * When reasoning about how a\n * hybrid application works it is useful to have a mental model which\n * describes what is happening and explains\n * what is happening at the lowest level.\n *\n * 1. There are two independent frameworks running in a single\n * application, each framework treats\n * the other as a black box.\n *\n * 2. Each DOM element on the page is owned\n * exactly by one framework. Whichever framework\n * instantiated the element is the owner. Each framework only\n * updates/interacts with its own\n * DOM elements and ignores others.\n *\n * 3. AngularJS directives always execute\n * inside the AngularJS framework codebase regardless of\n * where they are instantiated.\n *\n * 4. Angular\n * components always execute inside the Angular framework codebase regardless of\n * where they are\n * instantiated.\n *\n * 5. An AngularJS component can be "upgraded" to an Angular component. This is achieved by\n * defining an Angular directive, which bootstraps the AngularJS component at its location\n * in the DOM. See\n * `UpgradeComponent`.\n *\n * 6. An Angular component can be "downgraded" to an AngularJS component. This is\n * achieved by\n * defining an AngularJS directive, which bootstraps the Angular component at its location\n * in\n * the DOM. See `downgradeComponent`.\n *\n * 7. Whenever an "upgraded"/"downgraded" component is instantiated\n * the host element is owned by\n * the framework doing the instantiation. The other framework then instantiates and\n * owns the\n * view for that component.\n *\n * 1. This implies that the component bindings will always follow the\n * semantics of the\n * instantiation framework.\n *\n * 2. The DOM attributes are parsed by the framework that\n * owns the current template. So\n * attributes in AngularJS templates must use kebab-case, while AngularJS\n * templates must use\n * camelCase.\n *\n * 3. However the template binding syntax will always use the Angular\n * style, e.g. square\n * brackets ([...]) for property binding.\n *\n * 8. Angular is bootstrapped first; AngularJS is\n * bootstrapped second. AngularJS always owns the\n * root component of the application.\n *\n * 9. The new\n * application is running in an Angular zone, and therefore it no longer needs calls to\n * `$apply()`.\n *\n * ### The
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`UpgradeModule` class\n * This class is an `NgModule`, which you import to provide AngularJS core
services,\n * and has an instance method used to bootstrap the hybrid upgrade application.\n *\n * * Core AngularJS
services\n * Importing this `NgModule` will add providers for the core\n * [AngularJS
services](https://docs.angularjs.org/api/ng/service) to the root injector.\n *\n * * Bootstrap\n * The runtime
instance of this class contains a {@link UpgradeModule#bootstrap `bootstrap()`}\n * method, which you use to
bootstrap the top level AngularJS module onto an element in the\n * DOM for the hybrid upgrade app.\n *\n * It
also contains properties to access the {@link UpgradeModule#injector root injector}, the\n * bootstrap `NgZone`
and the\n * [AngularJS $injector](https://docs.angularjs.org/api/auto/service/$injector).\n *\n * ### Examples\n *\n * Import the `UpgradeModule` into your top level {@link NgModule Angular `NgModule`}.\n *\n * {@example
upgrade/static/ts/full/module.ts region='ng2-module'}\n *\n * Then inject `UpgradeModule` into your Angular
`NgModule` and use it to bootstrap the top level\n * [AngularJS
module](https://docs.angularjs.org/api/ng/type/angular.Module) in the\n * `ngDoBootstrap()` method.\n *\n *
{@example upgrade/static/ts/full/module.ts region='bootstrap-ng1'}\n *\n * Finally, kick off the whole process, by
bootstrapping your top level Angular `NgModule`.\n *\n * {@example upgrade/static/ts/full/module.ts
region='bootstrap-ng2'}\n *\n * {@a upgrading-an-angular-1-service}\n * ### Upgrading an AngularJS service\n
*\n * There is no specific API for upgrading an AngularJS service. Instead you should just follow the\n * following
recipe:\n *\n * Let's say you have an AngularJS service:\n *\n * {@example upgrade/static/ts/full/module.ts
region='ng1-text-formatter-service'}\n *\n * Then you should define an Angular provider to be included in your
`NgModule` `providers`\n * property.\n *\n * {@example upgrade/static/ts/full/module.ts region='upgrade-ng1-
service'}\n *\n * Then you can use the "upgraded" AngularJS service by injecting it into an Angular component\n
* or service.\n *\n * {@example upgrade/static/ts/full/module.ts region='use-ng1-upgraded-service'}\n *\n *
@publicApi\n *\n @NgModule({providers: [angular1Providers]})\n export class UpgradeModule {\n /**\n * The
AngularJS `$injector` for the upgrade application.\n *\n public $injector: any /*angular.IInjectorService*/;\n /**
The Angular Injector **/\n public injector: Injector;\n\n constructor(\n /** The root `Injector` for the upgrade
application. */\n injector: Injector,\n /** The bootstrap zone for the upgrade application */\n public
ngZone: NgZone) {\n this.injector = new NgAdapterInjector(injector);\n }\n\n /**\n * Bootstrap an AngularJS
application from this NgModule\n * @param element the element on which to bootstrap the AngularJS
application\n * @param [modules] the AngularJS modules to bootstrap for this application\n * @param [config]
optional extra AngularJS bootstrap configuration\n *\n bootstrap(\n element: Element, modules: string[] = [],
config?: any /*angular.IAngularBootstrapConfig*/) {\n const INIT_MODULE_NAME =
UPGRADE_MODULE_NAME + '.init';\n\n // Create an ng1 module to bootstrap\n const initModule =\n
angularModule(INIT_MODULE_NAME, [])\n .constant(UPGRADE_APP_TYPE_KEY,
UpgradeAppType.Static)\n .value(INJECTOR_KEY, this.injector)\n .factory(\n
LAZY_MODULE_REF,\n [INJECTOR_KEY, (injector: Injector) => ({ injector } as
LazyModuleRef)])\n .config([\n $PROVIDE, $INJECTOR,\n ($provide: IProvideService,
$injector: IInjectorService) => {\n if ($injector.has($$TESTABILITY)) {\n
$provide.decorator($$TESTABILITY, [\n $DELEGATE,\n (testabilityDelegate:
ITestabilityService) => {\n const originalWhenStable: Function = testabilityDelegate.whenStable;\n
const injector = this.injector;\n // Cannot use arrow function below because we need the
context\n const newWhenStable = function(callback: Function) {\n
originalWhenStable.call(testabilityDelegate, function() {\n const ng2Testability: Testability =
injector.get(Testability);\n if (ng2Testability.isStable()) {\n callback();\n
} else {\n ng2Testability.whenStable(\n
newWhenStable.bind(testabilityDelegate, callback));\n }\n });\n\n testabilityDelegate.whenStable = newWhenStable;\n
return testabilityDelegate;\n }\n\n ]);\n }\n\n if ($injector.has($INTERVAL)) {\n
$provide.decorator($INTERVAL, [\n $DELEGATE,\n (intervalDelegate: IIntervalService)
=> {\n // Wrap the $interval service so that setInterval is called outside NgZone,\n // but

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the callback is still invoked within it. This is so that $interval\n          // won't block stability, which preserves
the behavior from AngularJS.\n          let wrappedInterval =\n          (fn: Function, delay: number,
count?: number, invokeApply?: boolean,\n          ...pass: any[]) => {\n          return
this.ngZone.runOutsideAngular() => {\n          return intervalDelegate((...args: any[]) => {\n
// Run callback in the next VM turn - $interval calls\n          // $rootScope.$apply, and running
the callback in NgZone will\n          // cause a '$digest already in progress' error if it's in the\n
// same vm turn.\n          setTimeout() => { this.ngZone.run(() => fn(...args)); });\n
}, delay, count, invokeApply, ...pass);\n          });\n          });\n
(wrappedInterval as any)['cancel'] = intervalDelegate.cancel;\n          return wrappedInterval;\n
});\n          });\n          });\n          });\n          .run([\n          $INJECTOR,\n          ($injector:
InjectorService) => {\n          this.$injector = $injector;\n          // Initialize the ng1 $injector provider\n
setTempInjectorRef($injector);\n          this.injector.get($INJECTOR);\n          // Put the injector on
the DOM, so that it can be \"required\"\n          angularElement(element).data
!(controllerKey(INJECTOR_KEY), this.injector);\n          // Wire up the ng1 rootScope to run a digest cycle
whenever the zone settles\n          // We need to do this in the next tick so that we don't prevent the bootup\n
// stabilizing\n          setTimeout() => {\n          const $rootScope = $injector.get('$rootScope');\n
const subscription = this.ngZone.onMicrotaskEmpty.subscribe(() => {\n          if ($rootScope.$$phase) {\n
if (isDevMode()) {\n          console.warn(\n          'A digest was triggered while one
was already in progress. This may mean that something is triggering digests outside the Angular zone.);\n
}\n          return $rootScope.$evalAsync();\n          });\n          return $rootScope.$digest();\n
});\n          $rootScope.$on('$destroy', () => { subscription.unsubscribe(); });\n          }, 0);\n
});\n          });\n          const upgradeModule = angularModule(UPGRADE_MODULE_NAME,
[INIT_MODULE_NAME].concat(modules));\n          // Make sure resumeBootstrap() only exists if the current
bootstrap is deferred\n          const windowAngular = (window as any)['angular'];\n          windowAngular.resumeBootstrap
= undefined;\n          // Bootstrap the AngularJS application inside our zone\n          this.ngZone.run(() => {
bootstrap(element, [upgradeModule.name], config); });\n          // Patch resumeBootstrap() to run inside the ngZone\n
if (windowAngular.resumeBootstrap) {\n          const originalResumeBootstrap: () => void =
windowAngular.resumeBootstrap;\n          const ngZone = this.ngZone;\n          windowAngular.resumeBootstrap =
function() {\n          let args = arguments;\n          windowAngular.resumeBootstrap = originalResumeBootstrap;\n
return ngZone.run(() => windowAngular.resumeBootstrap.apply(this, args));\n          };
}\n          }\n          }\n          }", "/**\n *
Generated bundle index. Do not edit.\n *^\n\nexport * from './index';\n\nexport { angularProviders as
Éµangular_packages_upgrade_static_static_e.compileFactory as
Éµangular_packages_upgrade_static_static_c.injectorFactory as
Éµangular_packages_upgrade_static_static_a.parseFactory as
Éµangular_packages_upgrade_static_static_d.rootScopeFactory as Éµangular_packages_upgrade_static_static_b}
from
'./src/angular1_providers';", "names": ["NOT_FOUND_CHECK_ONLY_ELEMENT_INJECTOR", "angularModule
", "angularElement", "INITIAL_VALUE", "looseIdentical", "element"], "mappings": ";;;;;;;;;AAAA;;;;;;;;;AA0NA,SAA
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AM,IAAI,EAAE,CAAQ,CAAC;AACIE,WAAW,CAAC,SAAS,GAAG,IAAI,CAAC;AAE7B,IAAI,OAAO,GAYP;I
ACF,SAAS,EAAE,IAAI;IACf,MAAM,EAAE,IAAI;IACZ,OAAO,EAAE,WAAW;IACpB,QAAQ,EAAE,IAAI;IA
Cd,OAAO,EAAE,SAAGb;IACzB,eAAe,EAAE,IAAI;IACrB,cAAc,EAAE,IAAI;CACrB,CAAC;AAEF,IAAI;IACF
,IAAI,MAAM,CAAC,cAAc,CAAC,SAAS,CAAC,EAAE;QACpC,OAAO,GAAS,MAAO,CAAC,OAAO,CAAC;K
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AC,CAAC;CACxB;;;;;;;;;AAOD,SAAGb,aAAa;IAC3B,OAAO,kBAakB,EAAE,CAAC;CAC7B;;;;;;;;;AASD,SAAGb
,kBAakB,CAAC,EAAO;IACxC,OAAO,GAAG,EAAE,CAAC;CACd;;;;;;;;;AAOD,SAAGb,kBAakB;IACHc,OAAO
,OAAO,CAAC;CAChB;AAED,AAAO,MAAM,SAAS,GAAG6B,CAAC,CAAC,EAAE,OAAO,EAAE,MAAO,KAC
nE,OAAO,CAAC,SAAS,CAAC,CAAC,EAAE,OAAO,EAAE,MAAM,CAAC,CAAC;;AAI1C,AAAO,MAAM,OA

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AO,GAA0B,CAAC,MAAM,EAAE,YAAa,KACHe,OAAO,CAAC,MAAM,CAAC,MAAM,EAAE,YAAy,CAAC,
CAAC;AAEzC,AAAO,MAAM,OAAO,IAA4B,CAAC,IAAI,OAAO,CAAC,OAAO,CAAC,CAAC,CAAC,CAA2B,
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AAC,CAAC;AAE9D,AAAO,MAAM,QAAQ,GACjB,CAAC,OAAkC,EAAE,QAAkB,KAAK,OAAO,CAAC,QAA
Q,CAAC,OAAO,EAAE,QAAQ,CAAC,CAAC;AAEpG,AAAO,MAAM,eAAe,GAAmC,MAAM,OAAO,CAAC,eA
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CAAC;;ACrT5F;;;;;AAQA,AAAO,MAAM,QAAQ,GAAG,UAAU,CAAC;AACnC,AAAO,MAAM,WAAW,GAA
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mBAAmB,CAAC;AACtD,AAAO,MAAM,aAAa,GAAG,cAAc,CAAC;AAC5C,AAAO,MAAM,SAAS,GAAG,WA
AW,CAAC;AACrC,AAAO,MAAM,SAAS,GAAG,WAAW,CAAC;AACrC,AAAO,MAAM,MAAM,GAAG,QAA
Q,CAAC;AAC/B,AAAO,MAAM,QAAQ,GAAG,UAAU,CAAC;AACnC,AAAO,MAAM,WAAW,GAAG,YAAy,
CAAC;AACxC,AAAO,MAAM,MAAM,GAAG,QAAQ,CAAC;AAC/B,AAAO,MAAM,eAAe,GAAG,gBAaGB,C
AAC;AAChD,AAAO,MAAM,iBAaIB,GAAG,kBAaKB,CAAC;AAEpD,AAAO,MAAM,aAAa,GAAG,eAAe,CA
AC;AAE7C,AAAO,MAAM,YAAy,GAAG,mBAAmB,CAAC;AACChD,AAAO,MAAM,2BAa2B,GAAG,gCAaG
C,CAAC;AAC5E,AAAO,MAAM,2BAa2B,GAAG,gCAaGc,CAAC;AAC5E,AAAO,MAAM,YAAy,GAAG,mB
AAmB,CAAC;AACChD,AAAO,MAAM,eAAe,GAAG,wBAawB,CAAC;AACxD,AAAO,MAAM,WAAW,GAAG,
iBAaIB,CAAC;AAC7C,AAAO,MAAM,oBAaOB,GAAG,yBAayB,CAAC;AAE9D,AAAO,MAAM,gBAaGB,GA
AG,KAAK,GAAG,YAAy,CAAC;AACrD,AAAO,MAAM,gBAaGB,GAAG,UAAU,CAAC;AAE3C,AAAO,MAA
M,mBAAmB,GAAG,iBAaIB,CAAC;;ACnCrD;;;;;AAcA,MAAa,eAAe;IAc1B,YAAmB,IAAY,EAAS,IAAY;
QAAjC,SAAI,GAaJ,IAAI,CAAQ;QAAS,SAAI,GAaJ,IAAI,CAAQ;QAaI,IAAI,CAAC,YAAy,EAAE,CAAC;KA
AE;IAEtE,YAAy;QACiB,IAAI,CAAC,WAAW,GAAG,IAAI,IAAI,CAAC,IAAI,GAAG,CAAC;QACpC,IAAI,CA
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AC,IAAI,IAAI,CAAC;QAC3C,MAAM,WAAW,GAAG,IAAI,CAAC,IAAI,CAAC,MAAM,CAAC,CAAC,CAAC,
CAAC,WAAW,EAAE,GAAG,IAAI,CAAC,IAAI,CAAC,MAAM,CAAC,CAAC,CAAC,CAAC;QAC5E,IAAI,CA
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Y;IACxC,OAAO,GAAG,GAAG,IAAI,GAAG,YAAy,CAAC;CACiC;AAED,SAAgB,kBAaKB,CAAC,IAAY;IAC
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;IACIE,OAAO,SAAS,CAAC,GAAG,CAAC,2BAa2B,CAAC,GAAG,SAAS,CAAC,GAAG,CAAC,2BAa2B,CAA
C;QAC1C,CAAC,CAAC;CACvD;AAED,SAAgB,iBAaIB,CAAC,SAA2B;IAC3D,OAAO,SAAS,CAAC,GAAG,C
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CAAC;aACrB;YAED,MAAM;QACR;YACE,MAAM,IAAI,KAAK,CACX,eAAe,eAAe,iDAaID;gBAC/E,+EAA+
E;gBAC/E,cAAc,CAAC,CAAC;KACvB;CACF;AAED,MAAa,QAAQ;IAOnB;QACE,IAAI,CAAC,OAAO,GAAG,

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zip/fesm2015/static.js.map

No license file was found, but licenses were detected in source scan.

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*****
*/
global Reflect, Promise
var extendStatics = function(d, b) {
  extendStatics = Object.setPrototypeOf
  || ({ __proto__: [] } instanceof Array && function(d, b) { d.__proto__ = b; })
  || function(d, b) { for (var p in b) if (b.hasOwnProperty(p)) d[p] = b[p]; };
  return extendStatics(d, b);
};
export function
__extends(d, b) {
  extendStatics(d, b);
  function __() { this.constructor = d; }
  d.prototype = b === null
  ? Object.create(b) : (__proto__ = b.prototype, new __());
}
export var __assign = function() {
  __assign = Object.assign || function(t) {
    for (var s, i = 1, n = arguments.length; i < n; i++) {
      s = arguments[i];
      for (var p in s) if (Object.prototype.hasOwnProperty.call(s, p)) t[p] = s[p];
    }
    return t;
  };
  return __assign.apply(this, arguments);
};
export function __rest(s, e) {
  var t = {};
  for (var p in s) if (Object.prototype.hasOwnProperty.call(s, p) && e.indexOf(p) < 0) t[p] = s[p];
  if (s != null && typeof Object.getPrototypeOf === "function") for (var i = 0, p = Object.getPrototypeOf(s); i < p.length; i++) if (e.indexOf(p[i]) < 0 && Object.prototype.propertyIsEnumerable.call(s, p[i])) t[p[i]] = s[p[i]];
  return t;
};
export function __decorate(decorators, target, key, desc) {
  var c = arguments.length, r = c < 3 ? target : desc === null ? desc = Object.getOwnPropertyDescriptor(target, key) : desc, d;
  if (typeof Reflect === "object" && typeof Reflect.decorate === "function") r = Reflect.decorate(decorators, target, key, desc);
  else for (var i = decorators.length - 1; i >= 0; i--) if (d = decorators[i]) r = (c < 3 ? d(r) : c > 3 ? d(target, key, r) : d(target, key)) || r;
  return c > 3 && r && Object.defineProperty(target, key, r), r;
};
export function __param(paramIndex, decorator) {
  return function(target, key) { decorator(target, key, paramIndex);
};
};
export function __metadata(metadataKey, metadataValue) {
  if (typeof Reflect === "object" && typeof Reflect.metadata === "function") return Reflect.metadata(metadataKey, metadataValue);
};
export function __awaiter(thisArg, _arguments, P, generator) {
  return new (P || (P = Promise))(function(resolve, reject) {
    function fulfilled(value) { try { step(generator.next(value)); } catch (e) { reject(e); } }
    function rejected(value) { try { step(generator["throw"](value)); } catch (e) { reject(e); } }
    function step(result) { result.done ? resolve(result.value) : new P(function(resolve) { resolve(result.value); }).then(fulfilled, rejected); }
    step((generator = generator.apply(thisArg, _arguments || [])).next());
  });
};
export function __generator(thisArg, body) {
  var _ = { label: 0, sent: function() { if (t[0] & 1) throw t[1]; return t[1]; }, trys: [], ops: [] }, f, y, t, g;
  return g = { next: verb(0), "throw": verb(1), "return": verb(2) }, typeof Symbol === "function" && (g[Symbol.iterator] = function() { return this; }), g;
  function verb(n) { return function(v) { return function(v) {

```

```
{ return step([n, v]); }; }
function step(op) {
  if (f) throw new TypeError("Generator is already
  executing.");
  while (true) try {
    if (f = 1, y = op[0] && 2 ? y["return"] : op[0] ? y["throw"] ||
    ((t = y["return"]) && t.call(y, 0) : y.next) && !(t = t.call(y, op[1])).done) return t;
    if (y = 0, t) op =
    [op[0] & 2, t.value];
    switch (op[0]) {
      case 0: case 1: t = op; break;
      case 4:
      _label++; return { value: op[1], done: false };
      case 5: _label++; y = op[1]; op = [0]; continue;
      case 7: op = _ops.pop(); _trys.pop(); continue;
      default:
      if (!(t = _trys, t = t.length >
      0 && t[t.length - 1]) && (op[0] === 6 || op[0] === 2)) { _ = 0; continue; }
      if (op[0] === 3 && (!t ||
      (op[1] > t[0] && op[1] < t[3]))) { _label = op[1]; break; }
      if (op[0] === 6 && _label < t[1]) {
      _label = t[1]; t = op; break; }
      if (t && _label < t[2]) { _label = t[2]; _ops.push(op); break; }
      if (t[2]) _ops.pop();
      _trys.pop(); continue;
    }
    op = body.call(thisArg,
    _);
  } catch (e) { op = [6, e]; y = 0; } finally { f = t = 0; }
  if (op[0] & 5) throw op[1]; return { value:
  op[0] ? op[1] : void 0, done: true }; }

export function __exportStar(m, exports) {
  for (var p in
  m) if (!exports.hasOwnProperty(p)) exports[p] = m[p];
}

export function __values(o) {
  var m = typeof
  Symbol === "function" && o[Symbol.iterator], i = 0;
  if (m) return m.call(o); return {
  next:
  function () {
    if (o && i >= o.length) o = void 0;
    return { value: o && o[i++], done: !o };
  }
}; }

export function __read(o, n) {
  var m = typeof Symbol === "function" &&
  o[Symbol.iterator];
  if (!m) return o;
  var i = m.call(o), r, ar = [], e;
  try {
    while ((n === void 0 || n-- > 0) && !(r = i.next()).done) ar.push(r.value);
  } catch (error) { e = { error: error }; }
  finally {
    try {
      if (r && !r.done && (m = i["return"])) m.call(i);
    } finally {
      if (e) throw e.error;
    }
  }
  return ar;
}

export function __spread() {
  for (var ar = [], i = 0; i <
  arguments.length; i++)
    ar = ar.concat(__read(arguments[i]));
  return ar;
}

export function __spreadArrays() {
  for (var s = 0, i = 0, il = arguments.length; i < il; i++) s += arguments[i].length;
  for (var r = Array(s), k = 0, i = 0; i < il; i++)
    for (var a = arguments[i], j = 0, jl = a.length; j < jl; j++, k++)
      r[k] = a[j];
  return r;
}

export function __await(v) {
  return this instanceof __await ? (this.v =
  v, this) : new __await(v);
}

export function __asyncGenerator(thisArg, _arguments, generator) {
  if (!Symbol.asyncIterator) throw new TypeError("Symbol.asyncIterator is not defined.");
  var g =
  generator.apply(thisArg, _arguments || []), i, q = [];
  return i = {
    verb("next"), verb("throw"),
    verb("return"), i[Symbol.asyncIterator] = function () { return this; },
    function verb(n) {
      if (g[n]) i[n] = function (v) {
        return new Promise(function (a, b) {
          q.push([n, v, a, b]) > 1 || resume(n, v);
        });
      };
    }
  };
  function resume(n, v) {
    try {
      step(g[n](v));
    } catch (e) {
      settle(q[0][3], e);
    }
  }
  function step(r) {
    r.value instanceof __await ? Promise.resolve(r.value.v).then(fulfill, reject) : settle(q[0][2], r);
  }
  function fulfill(value) {
    resume("next", value);
  }
  function reject(value) {
    resume("throw", value);
  }
  function settle(f, v) {
    if (f(v), q.shift(), q.length) resume(q[0][0], q[0][1]);
  }
}

export function __asyncDelegator(o) {
  var i,
  p;
  return i = {
    verb("next"), verb("throw"), function (e) { throw e; },
    verb("return"), i[Symbol.iterator] = function () { return this; },
    function verb(n, f) {
      i[n] = o[n] ? function (v) {
        return (p = !p) ? {
          value: __await(o[n](v)), done: n === "return" } : f ? f(v) : v;
      } : f;
    }
  };
}

export function __asyncValues(o) {
  if (!Symbol.asyncIterator) throw new TypeError("Symbol.asyncIterator is not defined.");
  var m =
  o[Symbol.asyncIterator], i;
  return m ? m.call(o) : (o = typeof __values === "function" ? __values(o) :
  o[Symbol.iterator](), i = {
    verb("next"), verb("throw"), verb("return"), i[Symbol.asyncIterator] = function () {
      return this;
    },
    function verb(n) {
      i[n] = o[n] && function (v) {
        return new Promise(function (resolve, reject) {
          {
            v = o[n](v), settle(resolve, reject, v.done, v.value);
          };
        });
      };
    }
  };
  function settle(resolve, reject, d, v) {
    Promise.resolve(v).then(function(v) {
      resolve({ value: v, done: d });
    }, reject);
  }
}

export function __makeTemplateObject(cooked, raw) {
  if (Object.defineProperty) {
    Object.defineProperty(cooked, "raw", {
      value: raw });
  } else {
    cooked.raw = raw;
  }
  return cooked;
}

export function __importDefault(mod) {
  if (mod && mod.__esModule) return mod;
  var result = {};
  if (mod != null) for (var k in mod) if (Object.hasOwnProperty.call(mod, k)) result[k] = mod[k];
  result.default = mod;
  return result;
}

export function __importDefault(mod) {
  return (mod && mod.__esModule) ? mod : {
  default: mod };
}

/*
 * @license
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 * Use of this

```

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```

export type Ng1Token = string;
export type Ng1Expression = string |
Function;
export interface IAnnotatedFunction extends Function {
  // Older versions of `@types/angular`
  typings extend the global `Function` interface with
  // `$inject?: string[]`, which is not compatible with `$inject?:
  ReadonlyArray<string>` (used in
  // latest versions).
  $inject?: Function extends {$inject?: string[]}?
  Ng1Token[]: ReadonlyArray<Ng1Token>;
}
export type IInjectable = (Ng1Token | Function)[] |
IAnnotatedFunction;
export type SingleOrListOrMap<T> = T | T[] | {[key: string]: T};
export interface IModule {
  name: string;
  requires: (string | IInjectable)[];
  config(fn: IInjectable): IModule;
  directive(selector: string, factory: IInjectable): IModule;
  component(selector: string, component: IComponent):
  IModule;
  controller(name: string, type: IInjectable): IModule;
  factory(key: Ng1Token, factoryFn: IInjectable):
  IModule;
  value(key: Ng1Token, value: any): IModule;
  constant(token: Ng1Token, value: any): IModule;
  run(a: IInjectable): IModule;
}
export interface ICompileService {
  (element: Element | NodeList | Node[] | string,
  transclude?: Function): ILinkFn;
}
export interface ILinkFn {
  (scope: IScope, cloneAttachFn?:
  ICloneAttachFunction, options?: ILinkFnOptions): IAugmentedJQuery;
  $$slots?: {[slotName: string]:
  ILinkFn};
}
export interface ILinkFnOptions {
  parentBoundTranscludeFn?: Function;
  transcludeControllers?: {[key: string]: any};
  futureParentElement?: Node;
}
export interface IRootScopeService {
  $new(isolate?: boolean): IScope;
  $id: string;
  $parent: IScope;
  $root: IScope;
  $watch(exp: Ng1Expression, fn?: (a1?: any, a2?: any) => void): Function;
  $on(event: string, fn?: (event?: any,
  ...args: any[]) => void): Function;
  $destroy(): any;
  $apply(exp?: Ng1Expression): any;
  $digest(): any;
  $evalAsync(exp: Ng1Expression, locals?: any): void;
  $on(event: string, fn?: (event?: any, ...args: any[]) => void):
  Function;
  $$childTail: IScope;
  $$childHead: IScope;
  $$nextSibling: IScope;
  [key: string]: any;
}
export interface IScope extends IRootScopeService {
}
export interface IAngularBootstrapConfig {
  strictDi?: boolean;
}
export interface IDirective {
  compile?: IDirectiveCompileFn;
  controller?: IController;
  controllerAs?:
  string;
  bindToController?: boolean | {[key: string]: string};
  link?: IDirectiveLinkFn | IDirectivePrePost;
  name?:
  string;
  priority?: number;
  replace?: boolean;
  require?: DirectiveRequireProperty;
  restrict?: string;
  scope?: boolean | {[key: string]: string};
  template?: string | Function;
  templateUrl?: string | Function;
  namespace?: string;
  terminal?: boolean;
  transclude?: DirectiveTranscludeProperty;
}
export type DirectiveRequireProperty = SingleOrListOrMap<string>;
export type DirectiveTranscludeProperty = boolean |
'element' | {[key: string]: string};
export interface IDirectiveCompileFn {
  (templateElement:
  IAugmentedJQuery, templateAttributes: IAttributes,
  transclude: ITranscludeFunction):
  IDirectivePrePost;
}
export interface IDirectivePrePost {
  pre?: IDirectiveLinkFn;
  post?:
  IDirectiveLinkFn;
}
export interface IDirectiveLinkFn {
  (scope: IScope, instanceElement: IAugmentedJQuery,
  instanceAttributes: IAttributes,
  controller: any, transclude: ITranscludeFunction): void;
}
export interface IComponent {
  bindings?: {[key: string]: string};
  controller?: string | IInjectable;
  controllerAs?: string;
  require?: DirectiveRequireProperty;
  template?: string | Function;
  templateUrl?: string | Function;
  transclude?:
  DirectiveTranscludeProperty;
}
export interface IAttributes {
  $observe(attr: string, fn: (v: string) => void):
  void;
  [key: string]: any;
}
export interface ITranscludeFunction {
  // If the scope is provided, then the
  cloneAttachFn must be as well.
  (scope: IScope, cloneAttachFn: ICloneAttachFunction): IAugmentedJQuery;
  // If one argument is provided, then it's assumed to be the cloneAttachFn.
  (cloneAttachFn?: ICloneAttachFunction):
  IAugmentedJQuery;
}
export interface ICloneAttachFunction {
  (clonedElement: IAugmentedJQuery, scope:
  IScope): any;
}
export type IAugmentedJQuery = Node[] & {
  on?: (name: string, fn: () => void) => void;
  data?: (name: string, value?: any) => any;
  text?: () => string;
  inheritedData?: (name: string, value?: any) =>
  any;
  contents?: () => IAugmentedJQuery;
  parent?: () => IAugmentedJQuery;
  empty?: () => void;
  append?: (content: IAugmentedJQuery | string) => IAugmentedJQuery;
  controller?: (name: string) => any;
  isolateScope?: () => IScope;
  injector?: () => IInjectorService;
  triggerHandler?: (eventTypeOrObject: string |
  Event, extraParameters?: any[]) => IAugmentedJQuery;
  remove?: () => void;
  removeData?: () =>
  void;
};
export interface IProvider {
  $get: IInjectable;
}
export interface IProvideService {
  provider(token:
  Ng1Token, provider: IProvider): IProvider;
  factory(token: Ng1Token, factory: IInjectable): IProvider;
}

```

```
service(token: Ng1Token, type: IInjectable): IProvider;\n value(token: Ng1Token, value: any): IProvider;\n constant(token: Ng1Token, value: any): void;\n decorator(token: Ng1Token, factory: IInjectable): void;\n}\n\nexport\ninterface IParseService { (expression: string): ICompiledExpression; }\nexport interface ICompiledExpression {\n (context: any, locals: any): any;\n assign?: (context: any, value: any) => any;\n}\n\nexport interface\nIHttpBackendService {\n (method: string, url: string, post?: any, callback?: Function, headers?: any, timeout?:\n number,\n withCredentials?: boolean): void;\n}\n\nexport interface ICacheObject {\n put<T>(key: string, value?: T):\n T;\n get(key: string): any;\n}\n\nexport interface ITemplateCacheService extends ICacheObject { }\n\nexport interface\nITemplateRequestService {\n (template: string|any /* TrustedResourceUrl */, ignoreRequestError?: boolean):\n Promise<string>;\n totalPendingRequests: number;\n}\n\nexport type IController = string | IInjectable;\n\nexport interface IControllerService {\n (controllerConstructor: IController, locals?: any, later?: any, ident?: any): any;\n (controllerName: string, locals?: any): any;\n}\n\nexport interface IInjectorService {\n get(key: string): any;\n has(key: string): boolean;\n}\n\nexport interface IIntervalService {\n (func: Function, delay: number, count?:\n number, invokeApply?: boolean, ...args: any[]): Promise<any>;\n cancel(promise: Promise<any>):\n boolean;\n}\n\nexport interface ITestabilityService {\n findBindings(element: Element, expression: string,\n opt_exactMatch?: boolean): Element[];\n findModels(element: Element, expression: string, opt_exactMatch?:\n boolean): Element[];\n getLocation(): string;\n setLocation(url: string): void;\n whenStable(callback: Function):\n void;\n}\n\nexport interface INgModelController {\n $render(): void;\n $isEmpty(value: any): boolean;\n $setValidity(validationErrorKey: string, isValid: boolean): void;\n $setPristine(): void;\n $setDirty(): void;\n $setUntouched(): void;\n $setTouched(): void;\n $rollbackViewValue(): void;\n $validate(): void;\n $commitViewValue(): void;\n $setViewValue(value: any, trigger: string): void;\n\n $viewValue: any;\n $modelValue: any;\n $parsers: Function[];\n $formatters: Function[];\n $validators: {[key: string]: Function};\n $asyncValidators: {[key: string]: Function};\n $viewChangeListeners: Function[];\n $error: Object;\n $pending:\n Object;\n $untouched: boolean;\n $touched: boolean;\n $pristine: boolean;\n $dirty: boolean;\n $valid: boolean;\n $invalid: boolean;\n $name: string;\n}\n\nfunction noNg(): never {\n throw new Error('AngularJS v1.x is not\n loaded!');\n}\n\nconst noNgElement: typeof angular.element = ((() => noNg()) as any);\n\nnoNgElement.cleanData =\n noNg;\n\nlet angular: {\n bootstrap: (e: Element, modules: (string | IInjectable)[], config?:\n IAngularBootstrapConfig) =>\n InjectorService,\n module: (prefix: string, dependencies?: string[]) =>\n IModule,\n element: {\n (e: string | Element | Document | IAugmentedJQuery): IAugmentedJQuery;\n cleanData: (nodes: Node[] | NodeList) => void;\n },\n injector: (modules: Array<string|IInjectable>, strictDi?:\n boolean) => IInjectorService,\n version: {major: number},\n resumeBootstrap: () => void,\n getTestability: (e:\n Element) => ITestabilityService\n } = {\n bootstrap: noNg,\n module: noNg,\n element: noNgElement,\n injector:\n noNg,\n version: undefined as any,\n resumeBootstrap: noNg,\n getTestability: noNg\n};\n\nntry {\n if\n (window.hasOwnProperty('angular')) {\n angular = (<any>window).angular;\n }\n } catch {\n // ignore in CJS\n mode.\n}\n\n/**\n * @deprecated Use `setAngularJSGlobal` instead.\n *\n * @publicApi\n */\nexport function\nsetAngularLib(ng: any): void {\n setAngularJSGlobal(ng);\n}\n\n/**\n * @deprecated Use `getAngularJSGlobal`\n instead.\n *\n * @publicApi\n */\nexport function\ngetAngularLib(): any {\n return\n getAngularJSGlobal();\n}\n\n/**\n * Resets the AngularJS global.\n *\n * Used when AngularJS is loaded lazily,\n and not available on `window`.\n *\n * @publicApi\n */\nexport function\nsetAngularJSGlobal(ng: any): void {\n angular = ng;\n}\n\n/**\n * Returns the current AngularJS global.\n *\n * @publicApi\n */\nexport function\ngetAngularJSGlobal(): any {\n return angular;\n}\n\nexport const bootstrap: typeof angular.bootstrap = (e, modules,\n config?) =>\n angular.bootstrap(e, modules, config);\n\n// Do not declare as `module` to avoid webpack bug\n// (see https://github.com/angular/angular/issues/30050).\nexport const module_: typeof angular.module = (prefix,\n dependencies?) =>\n angular.module(prefix, dependencies);\n\nexport const element: typeof angular.element = (e\n =>\n angular.element(e)) as typeof angular.element;\n\nelement.cleanData = nodes =>\n angular.element.cleanData(nodes);\n\nexport const injector: typeof angular.injector = (modules:\n Array<string|IInjectable>, strictDi?: boolean) =>\n angular.injector(modules, strictDi);\n\nexport const\nresumeBootstrap: typeof angular.resumeBootstrap = () =>\n angular.resumeBootstrap();\n\nexport const\ngetTestability: typeof angular.getTestability = e =>\n angular.getTestability(e);\n\n", "/*\n * @license\n * Copyright
```

```

Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n *\n\nexport const $COMPILE = '$compile';\nexport const
$CONTROLLER = '$controller';\nexport const $DELEGATE = '$delegate';\nexport const
$EXCEPTION_HANDLER = '$exceptionHandler';\nexport const $HTTP_BACKEND = '$httpBackend';\nexport
const $INJECTOR = '$injector';\nexport const $INTERVAL = '$interval';\nexport const $PARSE = '$parse';\nexport
const $PROVIDE = '$provide';\nexport const $ROOT_SCOPE = '$rootScope';\nexport const $SCOPE =
$scope';\nexport const $TEMPLATE_CACHE = '$templateCache';\nexport const $TEMPLATE_REQUEST =
$templateRequest';\n\nexport const $TESTABILITY = '$$testability';\n\nexport const COMPILER_KEY =
'$angularCompiler';\nexport const DOWNGRADED_MODULE_COUNT_KEY =
'$angularDowngradedModuleCount';\nexport const GROUP_PROJECTABLE_NODES_KEY =
'$angularGroupProjectableNodes';\nexport const INJECTOR_KEY = '$angularInjector';\nexport const
LAZY_MODULE_REF = '$angularLazyModuleRef';\nexport const NG_ZONE_KEY =
'$angularNgZone';\nexport const UPGRADE_APP_TYPE_KEY = '$angularUpgradeAppType';\n\nexport const
REQUIRE_INJECTOR = '?^^' + INJECTOR_KEY;\nexport const REQUIRE_NG_MODEL =
'?ngModel';\n\nexport const UPGRADE_MODULE_NAME = '$$UpgradeModule';\n"/**\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nimport { Injector, NgModule, Type } from
'@angular/core';\n\nimport * as angular from '../././src/common/src/angular1';\nimport { $INJECTOR,
INJECTOR_KEY, UPGRADE_APP_TYPE_KEY } from '../././src/common/src/constants';\nimport
{ UpgradeAppType } from '../././src/common/src/util';\n\nlet $injector: angular.IInjectorService|null = null;\n\nlet
injector: Injector;\n\nexport function $injectorFactory() {\n  return $injector;\n}\n\n@NgModule({ providers:
[{\n  provide: $INJECTOR, useFactory: $injectorFactory\n}]\n})\n\nexport class AngularTestingModule {\n  constructor(i:
Injector) {\n    injector = i;\n  }\n}\n\n/**\n * A helper function to use when unit testing Angular services that depend upon
upgraded AngularJS\n * services.\n * This function returns an `NgModule` decorated class that is configured to
wire up the Angular\n * and AngularJS injectors without the need to actually bootstrap a hybrid application.\n *
This makes it simpler and faster to unit test services.\n * Use the returned class as an `import` when
configuring the ` TestBed`.\n * In the following code snippet, we are configuring the TestBed with two
imports.\n * The `Ng2AppModule` is the Angular part of our hybrid application and the `ng1AppModule` is the\n *
AngularJS part.\n *\n * <code-example path="upgrade/static/ts/full/module.spec.ts" region="angular-
setup"></code-example>\n *\n * Once this is done we can get hold of services via the Angular `Injector` as
normal.\n * Services that are (or have dependencies on) an upgraded AngularJS service, will be instantiated\n * as
needed by the AngularJS `$injector`.\n *\n * In the following code snippet, `HeroesService` is an Angular service
that depends upon an\n * AngularJS service, `titleCase`.\n *\n * <code-example
path="upgrade/static/ts/full/module.spec.ts" region="angular-spec"></code-example>\n *\n * <div class="alert
is-important">\n *\n * This helper is for testing services not Components.\n * For Component testing you must still
bootstrap a hybrid app. See `UpgradeModule` or\n * `downgradeModule` for more information.\n *\n * </div>\n *\n
* <div class="alert is-important">\n *\n * The resulting configuration does not wire up AngularJS digests to Zone
hooks. It is the\n * responsibility of the test writer to call `$rootScope.$apply`, as necessary, to trigger\n *
AngularJS handlers of async events from Angular.\n *\n * </div>\n *\n * <div class="alert is-important">\n *\n * The helper
sets up global variables to hold the shared Angular and AngularJS injectors.\n *\n * * Only call this helper once per
spec.\n * * Do not use `createAngularTestingModule` in the same spec as `createAngularJSTestingModule`.\n *\n *
</div>\n *\n * Here is the example application and its unit tests that use `createAngularTestingModule` and
`createAngularJSTestingModule`.\n *\n * <code-tabs>\n * <code-pane header="module.spec.ts"\n *
path="upgrade/static/ts/full/module.spec.ts"></code-pane>\n * <code-pane header="module.ts"\n *
path="upgrade/static/ts/full/module.ts"></code-pane>\n * </code-tabs>\n *\n *\n * @param angularJSMODULES a
collection of the names of AngularJS modules to include in the\n * configuration.\n * @param [strictDi] whether the
AngularJS injector should have `strictDI` enabled.\n *\n * @publicApi\n *\n\nexport function
createAngularTestingModule(\n  angularJSMODULES: string[], strictDi?: boolean): Type<any> {\n

```

```

angular.module_('$$angularJSTestingModule', angularJSMODULES)\n    .constant(UPGRADE_APP_TYPE_KEY,
UpgradeAppType.Static)\n    .factory(INJECTOR_KEY, () => injector);\n    $injector = angular.injector(['ng',
'$$angularJSTestingModule'], strictDi);\n    return AngularTestingModule;\n  }\n  }"/**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n *\n\nimport { Injector } from '@angular/core';\nimport
{ TestBed } from '@angular/core/testing';\nimport * as ng from '../src/common/src/angular1';\nimport
{$INJECTOR, INJECTOR_KEY, UPGRADE_APP_TYPE_KEY} from '../src/common/src/constants';\nimport
{ UpgradeAppType } from '../src/common/src/util';\n\n\n/**\n * A helper function to use when unit testing
AngularJS services that depend upon downgraded Angular\n * services.\n * This function returns an AngularJS
module that is configured to wire up the AngularJS and Angular\n * injectors without the need to actually bootstrap
a hybrid application.\n * This makes it simpler and faster to unit test services.\n * Use the returned AngularJS
module in a call to\n *
[angular.mocks.module`](https://docs.angularjs.org/api/ngMock/function/angular.mock.module) to\n * include this
module in the unit test injector.\n * In the following code snippet, we are configuring the `$injector` with two
modules:\n * The AngularJS `ng1AppModule`, which is the AngularJS part of our hybrid application and the\n *
`Ng2AppModule`, which is the Angular part.\n * <code-example path="upgrade/static/ts/full/module.spec.ts"\n *
region="angularjs-setup"></code-example>\n * Once this is done we can get hold of services via the
AngularJS `$injector` as normal.\n * Services that are (or have dependencies on) a downgraded Angular service,
will be instantiated as\n * needed by the Angular root `Injector`.\n * In the following code snippet,
`heroesService` is a downgraded Angular service that we are\n * accessing from AngularJS.\n * <code-example
path="upgrade/static/ts/full/module.spec.ts"\n * region="angularjs-spec"></code-example>\n * <div
class="alert is-important">\n * This helper is for testing services not components.\n * For Component testing
you must still bootstrap a hybrid app. See `UpgradeModule` or\n * `downgradeModule` for more information.\n *
</div>\n * <div class="alert is-important">\n * The resulting configuration does not wire up AngularJS
digests to Zone hooks. It is the\n * responsibility of the test writer to call `$rootScope.$apply`, as necessary, to
trigger\n * AngularJS handlers of async events from Angular.\n * </div>\n * <div class="alert is-
important">\n * The helper sets up global variables to hold the shared Angular and AngularJS injectors.\n *
</div>\n * Only call this helper once per spec.\n * Do not use `createAngularJSTestingModule` in the same spec as
`createAngularTestingModule`.\n * </div>\n * Here is the example application and its unit tests that use
`createAngularTestingModule`\n * and `createAngularJSTestingModule`.\n * <code-tabs>\n * <code-pane
header="module.spec.ts" path="upgrade/static/ts/full/module.spec.ts"></code-pane>\n * <code-pane
header="module.ts" path="upgrade/static/ts/full/module.ts"></code-pane>\n * </code-tabs>\n * @param
angularModules a collection of Angular modules to include in the configuration.\n * @publicApi\n *\n\nexport
function createAngularJSTestingModule(angularModules: any[]): string {\n    return
ng.module_('$$angularJSTestingModule', [])\n        .constant(UPGRADE_APP_TYPE_KEY,
UpgradeAppType.Static)\n        .factory(\n            INJECTOR_KEY,\n            [\n                $INJECTOR,\n
($injector: ng.IInjectorService) => {\n                TestBed.configureTestingModule({\n                    imports:
angularModules,\n                    providers: [{ provide: $INJECTOR, useValue: $injector }]\n                });\n                return
TestBed.inject(Injector);\n            }]\n        ).name;\n  }\n  }"/**\n * @license\n * Copyright Google Inc. All
Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n *\n\nexport { createAngularTestingModule } from
'./src/create_angular_testing_module';\nexport { createAngularJSTestingModule } from
'./src/create_angularjs_testing_module';"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *
Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n *\n\nexport * from './public_api';\n"/**\n * Generated bundle index. Do not edit.\n *
\nexport * from './index';\n\nexport { module_as Éangular_packages_upgrade_static_testing_testing_a } from
'../src/common/src/angular1';\nexport { INJECTOR_KEY as
Éangular_packages_upgrade_static_testing_testing_d, UPGRADE_APP_TYPE_KEY as

```

```
Éµangular_packages_upgrade_static_testing_testing_b} from '././src/common/src/constants';\nexport
{UpgradeAppType as Éµangular_packages_upgrade_static_testing_testing_c} from
'././src/common/src/util';"],"names":["injector","NgModule","Injector","angular.module_","angular.injector","ng.m
odule_","TestBed"],"mappings":";;;;;;;;;;IAAA;IACA;IACA;IACA;IACA;;IAEA;IACA;IACA;IACA;;IAEA;IAC
A;IACA;IACA;;IAEA,IAAI,aAAa,GAAG,SAAS,CAAC,EAAE,CAAC,EAAE;IACnC,IAAI,aAAa,GAAG,MAAM
,CAAC,cAAc;IACzC,SAAS,EAAE,SAAS,EAAE,EAAE,EAAE,YAAY,KAAK,IAAI,UAAU,CAAC,EAAE,CAAC
,EAAE,EAAE,CAAC,CAAC,SAAS,GAAG,CAAC,CAAC,EAAE,CAAC;IACpF,QAAQ,UAAU,CAAC,EAAE,CA
AC,EAAE,EAAE,KAAK,IAAI,CAAC,IAAI,CAAC,EAAE,IAAI,CAAC,CAAC,cAAc,CAAC,CAAC,CAAC,EAA
E,CAAC,CAAC,CAAC,CAAC,GAAG,CAAC,CAAC,CAAC,CAAC,CAAC,EAAE,CAAC;IACnF,IAAI,OAAO,a
AAa,CAAC,CAAC,EAAE,CAAC,CAAC,CAAC;IAC/B,CAAC,CAAC;;AAEF,IAAO,SAAS,SAAS,CAAC,CAAC,
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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1047774535_1591199783.98/0/angular-upgrade-9-0-7-src-zip/bundles/upgrade-static-testing.umd.js.map

No license file was found, but licenses were detected in source scan.

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{ "version": 3, "file": "upgrade.js", "sources": [ "../../../../packages/upgrade/src/common/src/version.ts", "../../../../packages/upgrade/src/common/src/angular1.ts", "../../../../packages/upgrade/src/common/src/constants.ts", "../../../../packages/upgrade/src/common/src/component_info.ts", "../../../../packages/upgrade/src/common/src/util.ts", "../../../../packages/upgrade/src/common/src/downgrade_component_adapter.ts", "../../../../packages/upgrade/src/common/src/promise_util.ts", "../../../../packages/upgrade/src/common/src/downgrade_component.ts", "../../../../packages/upgrade/src/common/src/downgrade_injectable.ts", "../../../../packages/upgrade/src/common/src/upgrade_helper.ts", "../../../../packages/upgrade/src/dynamic/src/upgrade_ng1_adapter.ts", "../../../../packages/upgrade/src/dynamic/src/upgrade_adapter.ts", "../../../../packages/upgrade/public_api.ts", "../../../../packages/upgrade/index.ts", "../../../../packages/upgrade/upgrade.ts"], "sourcesContent": ["/**
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```

\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\n**\n * @module\n * @description\n * Entry point for all public APIs of the common package.\n */\n\nimport {Version} from '@angular/core';\n\n/**\n * @publicApi\n */\n\nexport const VERSION = new Version('9.0.7');\n\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nexport type Ng1Token = string;\n\nexport type Ng1Expression = string | Function;\n\nexport interface IAnnotatedFunction extends Function {\n  // Older versions of `@types/angular` typings extend the global `Function` interface with\n  // `$inject?: string[]`, which is not compatible with `$inject?: ReadonlyArray<string>` (used in\n  // latest versions).\n  $inject?: Function extends {$inject?: string[]} ? Ng1Token[]: ReadonlyArray<Ng1Token>;\n}\n\nexport type IInjectable = (Ng1Token | Function)[] | IAnnotatedFunction;\n\nexport type SingleOrListOrMap<T> = T | T[] | {[key: string]: T};\n\nexport interface IModule {\n  name: string;\n  requires: (string | IInjectable)[];\n  config(fn: IInjectable): IModule;\n  directive(selector: string, factory: IInjectable): IModule;\n  component(selector: string, component: IComponent): IModule;\n  controller(name: string, type: IInjectable): IModule;\n  factory(key: Ng1Token, factoryFn: IInjectable): IModule;\n  value(key: Ng1Token, value: any): IModule;\n  constant(token: Ng1Token, value: any): IModule;\n  run(a: IInjectable): IModule;\n}\n\nexport interface ICompileService {\n  (element: Element | NodeList | Node[]) | string, transclude?: Function): ILinkFn;\n}\n\nexport interface ILinkFn {\n  (scope: IScope, cloneAttachFn?: ICloneAttachFunction, options?: ILinkFnOptions): IAugmentedJQuery;\n  $$slots?: {[slotName: string]: ILinkFn};\n}\n\nexport interface ILinkFnOptions {\n  parentBoundTranscludeFn?: Function;\n  transcludeControllers?: {[key: string]: any};\n  futureParentElement?: Node;\n}\n\nexport interface IRootScopeService {\n  $new(isolate?: boolean): IScope;\n  $id: string;\n  $parent: IScope;\n  $root: IScope;\n  $watch(exp: Ng1Expression, fn?: (a1?: any, a2?: any) => void): Function;\n  $on(event: string, fn?: (event?: any, ...args: any[]) => void): Function;\n  $destroy(): any;\n  $apply(exp?: Ng1Expression): any;\n  $digest(): any;\n  $evalAsync(exp: Ng1Expression, locals?: any): void;\n  $on(event: string, fn?: (event?: any, ...args: any[]) => void): Function;\n  $$childTail: IScope;\n  $$childHead: IScope;\n  $$nextSibling: IScope;\n  [key: string]: any;\n}\n\nexport interface IScope extends IRootScopeService {\n}\n\nexport interface IAngularBootstrapConfig {\n  strictDi?: boolean;\n}\n\nexport interface IDirective {\n  compile?: IDirectiveCompileFn;\n  controller?: IController;\n  controllerAs?: string;\n  bindToController?: boolean | {[key: string]: string};\n  link?: IDirectiveLinkFn | IDirectivePrePost;\n  name?: string;\n  priority?: number;\n  replace?: boolean;\n  require?: DirectiveRequireProperty;\n  restrict?: string;\n  scope?: boolean | {[key: string]: string};\n  template?: string | Function;\n  templateUrl?: string | Function;\n  templateNamespace?: string;\n  terminal?: boolean;\n  transclude?: DirectiveTranscludeProperty;\n}\n\nexport type DirectiveRequireProperty = SingleOrListOrMap<string>;\n\nexport type DirectiveTranscludeProperty = boolean | 'element' | {[key: string]: string};\n\nexport interface IDirectiveCompileFn {\n  (templateElement: IAugmentedJQuery, templateAttributes: IAttributes, transclude: ITranscludeFunction): IDirectivePrePost;\n}\n\nexport interface IDirectivePrePost {\n  pre?: IDirectiveLinkFn;\n  post?: IDirectiveLinkFn;\n}\n\nexport interface IDirectiveLinkFn {\n  (scope: IScope, instanceElement: IAugmentedJQuery, instanceAttributes: IAttributes, controller: any, transclude: ITranscludeFunction): void;\n}\n\nexport interface IComponent {\n  bindings?: {[key: string]: string};\n  controller?: string | IInjectable;\n  controllerAs?: string;\n  require?: DirectiveRequireProperty;\n  template?: string | Function;\n  templateUrl?: string | Function;\n  transclude?: DirectiveTranscludeProperty;\n}\n\nexport interface IAttributes {\n  $observe(attr: string, fn: (v: string) => void): void;\n  [key: string]: any;\n}\n\nexport interface ITranscludeFunction {\n  // If the scope is provided, then the cloneAttachFn must be as well.\n  (scope: IScope, cloneAttachFn: ICloneAttachFunction): IAugmentedJQuery;\n  // If one argument is provided, then it's assumed to be the cloneAttachFn.\n  (cloneAttachFn?: ICloneAttachFunction): IAugmentedJQuery;\n}\n\nexport interface ICloneAttachFunction {\n  (clonedElement: IAugmentedJQuery, scope: IScope): any;\n}\n\nexport type IAugmentedJQuery = Node[] & {\n  on?: (name: string, fn: () => void) => void;\n  data?: (name: string, value?: any) => any;\n  text?: () => string;\n  inheritedData?: (name: string, value?: any) => any;\n  contents?: () => IAugmentedJQuery;\n  parent?: () => IAugmentedJQuery;\n  empty?: () => void;\n  append?: (content: IAugmentedJQuery | string) => IAugmentedJQuery;\n  controller?: (name: string) => any;\n}

```

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isolateScope?: () => IScope;\n injector?: () => IInjectorService;\n triggerHandler?: (eventTypeOrObject: string |
Event, extraParameters?: any[]) => IAugmentedJQuery;\n remove?: () => void;\n removeData?: () =>
void;\n};\nexport interface IProvider { $get: IInjectable; }\nexport interface IProvideService {\n provider(token:
Ng1Token, provider: IProvider): IProvider;\n factory(token: Ng1Token, factory: IInjectable): IProvider;\n
service(token: Ng1Token, type: IInjectable): IProvider;\n value(token: Ng1Token, value: any): IProvider;\n
constant(token: Ng1Token, value: any): void;\n decorator(token: Ng1Token, factory: IInjectable): void;\n}\nexport
interface IParseService { (expression: string): ICompiledExpression; }\nexport interface ICompiledExpression {\n
(context: any, locals: any): any;\n assign?: (context: any, value: any) => any;\n}\nexport interface
IHttpBackendService {\n (method: string, url: string, post?: any, callback?: Function, headers?: any, timeout?:
number,\n withCredentials?: boolean): void;\n}\nexport interface ICacheObject {\n put<T>(key: string, value?: T):
T;\n get(key: string): any;\n}\nexport interface ITemplateCacheService extends ICacheObject { }\nexport interface
ITemplateRequestService {\n (template: string|any /* TrustedResourceUrl */, ignoreRequestError?: boolean):
Promise<string>;\n totalPendingRequests: number;\n}\nexport type IController = string | IInjectable;\nexport
interface IControllerService {\n (controllerConstructor: IController, locals?: any, later?: any, ident?: any): any;\n
(controllerName: string, locals?: any): any;\n}\nexport interface IInjectorService {\n get(key: string): any;\n
has(key: string): boolean;\n}\nexport interface IIntervalService {\n (func: Function, delay: number, count?:
number, invokeApply?: boolean,\n ...args: any[]): Promise<any>;\n cancel(promise: Promise<any>):
boolean;\n}\nexport interface ITestabilityService {\n findBindings(element: Element, expression: string,
opt_exactMatch?: boolean): Element[];\n findModels(element: Element, expression: string, opt_exactMatch?:
boolean): Element[];\n getLocation(): string;\n setLocation(url: string): void;\n whenStable(callback: Function):
void;\n}\nexport interface INgModelController {\n $render(): void;\n $isEmpty(value: any): boolean;\n
$setValidity(validationErrorKey: string, isValid: boolean): void;\n $setPristine(): void;\n $setDirty(): void;\n
$setUntouched(): void;\n $setTouched(): void;\n $rollbackViewValue(): void;\n $validate(): void;\n
$commitViewValue(): void;\n $setViewValue(value: any, trigger: string): void;\n\n $viewValue: any;\n
$modelValue: any;\n $parsers: Function[];\n $formatters: Function[];\n $validators: {[key: string]: Function};\n
$asyncValidators: {[key: string]: Function};\n $viewChangeListeners: Function[];\n $error: Object;\n $pending:
Object;\n $untouched: boolean;\n $touched: boolean;\n $pristine: boolean;\n $dirty: boolean;\n $valid: boolean;\n
$invalid: boolean;\n $name: string;\n}\n\nfunction noNg(): never {\n throw new Error('AngularJS v1.x is not
loaded!');\n}\n\nconst noNgElement: typeof angular.element = ((() => noNg()) as any);\nnoNgElement.cleanData =
noNg;\n\nlet angular: {\n bootstrap: (e: Element, modules: (string | IInjectable)[], config?:
IAngularBootstrapConfig) =>\n\n IInjectorService,\n module: (prefix: string, dependencies?: string[]) =>
IModule,\n element: {\n (e: string | Element | Document | IAugmentedJQuery): IAugmentedJQuery;\n
cleanData: (nodes: Node[] | NodeList) => void;\n },\n injector: (modules: Array<string|IInjectable>, strictDi?:
boolean) => IInjectorService,\n version: {major: number},\n resumeBootstrap: () => void,\n getTestability: (e:
Element) => ITestabilityService\n } = {\n bootstrap: noNg,\n module: noNg,\n element: noNgElement,\n injector:
noNg,\n version: undefined as any,\n resumeBootstrap: noNg,\n getTestability: noNg\n};\n\nentry {\n if
(window.hasOwnProperty('angular')) {\n angular = (<any>window).angular;\n }\n } catch {\n // ignore in CJS
mode.\n}\n\n/**\n * @deprecated Use `setAngularJSGlobal` instead.\n *\n * @publicApi\n */\nexport function
setAngularLib(ng: any): void {\n setAngularJSGlobal(ng);\n}\n\n/**\n * @deprecated Use `getAngularJSGlobal`
instead.\n *\n * @publicApi\n */\nexport function getAngularLib(): any {\n return
getAngularJSGlobal();\n}\n\n/**\n * Resets the AngularJS global.\n *\n * Used when AngularJS is loaded lazily,
and not available on `window`.\n *\n * @publicApi\n */\nexport function setAngularJSGlobal(ng: any): void {\n
angular = ng;\n}\n\n/**\n * Returns the current AngularJS global.\n *\n * @publicApi\n */\nexport function
getAngularJSGlobal(): any {\n return angular;\n}\n\nexport const bootstrap: typeof angular.bootstrap = (e, modules,
config?) =>\n angular.bootstrap(e, modules, config);\n\n// Do not declare as `module` to avoid webpack bug\n//
(see https://github.com/angular/angular/issues/30050).\nexport const module_: typeof angular.module = (prefix,
dependencies?) =>\n angular.module(prefix, dependencies);\n\nexport const element: typeof angular.element = (e
=> angular.element(e)) as typeof angular.element;\nelement.cleanData = nodes =>

```

```

angular.element.cleanData(nodes);\n\nexport const injector: typeof angular.injector = (\n  (modules:
Array<string|IInjectable>, strictDi?: boolean) => angular.injector(modules, strictDi));\n\nexport const
resumeBootstrap: typeof angular.resumeBootstrap = () => angular.resumeBootstrap();\n\nexport const
getTestability: typeof angular.getTestability = e => angular.getTestability(e);\n","/*\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\n\nexport const $COMPILE = '$compile';\nexport const
$CONTROLLER = '$controller';\nexport const $DELEGATE = '$delegate';\nexport const
$EXCEPTION_HANDLER = '$exceptionHandler';\nexport const $HTTP_BACKEND = '$httpBackend';\nexport
const $INJECTOR = '$injector';\nexport const $INTERVAL = '$interval';\nexport const $PARSE = '$parse';\nexport
const $PROVIDE = '$provide';\nexport const $ROOT_SCOPE = '$rootScope';\nexport const $SCOPE =
$scope';\nexport const $TEMPLATE_CACHE = '$templateCache';\nexport const $TEMPLATE_REQUEST =
$templateRequest';\n\nexport const $$TESTABILITY = '$$testability';\n\nexport const COMPILER_KEY =
'$angularCompiler';\nexport const DOWNGRADED_MODULE_COUNT_KEY =
'$angularDowngradedModuleCount';\nexport const GROUP_PROJECTABLE_NODES_KEY =
'$angularGroupProjectableNodes';\nexport const INJECTOR_KEY = '$angularInjector';\nexport const
LAZY_MODULE_REF = '$angularLazyModuleRef';\nexport const NG_ZONE_KEY = '$angularNgZone';\nexport const
UPGRADE_APP_TYPE_KEY = '$angularUpgradeAppType';\n\nexport const
REQUIRE_INJECTOR = '?^^' + INJECTOR_KEY;\nexport const REQUIRE_NG_MODEL =
'?ngModel';\n\nexport const UPGRADE_MODULE_NAME = '$$UpgradeModule';\n","/*\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n */\n\n/**\n * A `PropertyBinding` represents a
mapping between a property name\n * and an attribute name. It is parsed from a string of the form\n * `\"prop:
attr\"`; or simply `\"propAndAttr\"` where the property\n * and attribute have the same identifier.\n */\nexport class
PropertyBinding {\n  // TODO(issue/24571): remove '!'\n  bracketAttr!: string;\n  // TODO(issue/24571): remove
'!\n  bracketParenAttr!: string;\n  // TODO(issue/24571): remove '!'\n  parenAttr!: string;\n  //
TODO(issue/24571): remove '!'\n  onAttr!: string;\n  // TODO(issue/24571): remove '!'\n  bindAttr!: string;\n  //
TODO(issue/24571): remove '!'\n  bindonAttr!: string;\n\n  constructor(public prop: string, public attr: string) {\n
this.parseBinding(); }\n\n  private parseBinding() {\n    this.bracketAttr = `[${this.attr}]`;\n    this.parenAttr =
`${this.attr}`;\n    this.bracketParenAttr = `[(${this.attr})]`;\n    const capitalAttr =
this.attr.charAt(0).toUpperCase() + this.attr.substr(1);\n    this.onAttr = `on${capitalAttr}`;\n    this.bindAttr =
`bind${capitalAttr}`;\n    this.bindonAttr = `bindon${capitalAttr}`;\n  }\n}\n","/*\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\n\nimport {Injector, Type} from
'@angular/core';\n\nimport {IInjectorService, INgModelController} from './angular1';\n\nimport
{DOWNGRADED_MODULE_COUNT_KEY, UPGRADE_APP_TYPE_KEY} from './constants';\n\nconst
DIRECTIVE_PREFIX_REGEXP = /^(?:x|data)[:-_]/i;\nconst DIRECTIVE_SPECIAL_CHARS_REGEXP = /[:\|-\n
_]+(.)\/g;\n\nexport function onError(e: any) {\n  // TODO: (misko): We seem to not have a stack trace here!\n  if
(console.error) {\n    console.error(e, e.stack);\n  } else {\n    // tslint:disable-next-line:no-console\n    console.log(e,
e.stack);\n  }\n  throw e;\n}\n\nexport function controllerKey(name: string): string {\n  return '$' + name +
'Controller';\n}\n\nexport function directiveNormalize(name: string): string {\n  return
name.replace(DIRECTIVE_PREFIX_REGEXP, '')\n    .replace(DIRECTIVE_SPECIAL_CHARS_REGEXP, (_,
letter) => letter.toUpperCase());\n}\n\nexport function getTypeName(type: Type<any>): string {\n  // Return the
name of the type or the first line of its stringified version.\n  return (type as any).overridesName || type.name ||
type.toString().split("\\n")[0];\n}\n\nexport function getDowngradedModuleCount($injector: IInjectorService):
number {\n  return $injector.has(DOWNGRADED_MODULE_COUNT_KEY) ?\n    $injector.get(DOWNGRADED_MODULE_COUNT_KEY) : \n
0;\n}\n\nexport
function getUpgradeAppType($injector: IInjectorService): UpgradeAppType {\n  return
$injector.has(UPGRADE_APP_TYPE_KEY) ? $injector.get(UPGRADE_APP_TYPE_KEY) : \n

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UpgradeAppType.None;}\n\nexport function isFunction(value: any): value is Function {\n  return typeof
value === 'function';}\n\nexport function validateInjectionKey(\n  $injector: IInjectorService,
downgradedModule: string, injectionKey: string,\n  attemptedAction: string): void {\n  const upgradeAppType =
getUpgradeAppType($injector);\n  const downgradedModuleCount = getDowngradedModuleCount($injector);\n  // Check for common errors.\n  switch (upgradeAppType) {\n    case UpgradeAppType.Dynamic:\n    case
UpgradeAppType.Static:\n      if (downgradedModule) {\n        throw new Error(\n          `Error while
${attemptedAction}: 'downgradedModule' unexpectedly specified.`)\n        +\n          `You should not specify a value for
\\'downgradedModule\\', unless you are downgrading ' +\n          `more than one Angular module (via
\\'downgradeModule()\\').`);\n      }\n      break;\n    case UpgradeAppType.Lite:\n      if (!downgradedModule &&
(downgradedModuleCount >= 2)) {\n        throw new Error(\n          `Error while ${attemptedAction}:
'downgradedModule' not specified.`)\n        +\n          `This application contains more than one downgraded Angular
module, thus you need to ' +\n          `always specify \\'downgradedModule\\' when downgrading components and
injectables.`);\n      }\n      if (!$injector.has(injectionKey)) {\n        throw new Error(\n          `Error while
${attemptedAction}: Unable to find the specified downgraded module.`)\n        +\n          `Did you forget to downgrade
an Angular module or include it in the AngularJS ' +\n          `application?`);\n      }\n      break;\n    default:\n      throw new Error(\n          `Error while ${attemptedAction}: Not a valid '@angular/upgrade' application.`)\n        +\n          `Did you forget to downgrade an Angular module or include it in the AngularJS ' +\n          `application?`);\n      }\n  }\n}\n\nexport class Deferred<R> {\n  promise: Promise<R>;\n  // TODO(issue/24571): remove '!.\n  resolve !:
(value?: R | PromiseLike<R>) => void;\n  // TODO(issue/24571): remove '!.\n  reject !: (error?: any) => void;\n}\n\n
constructor() {\n  this.promise = new Promise((res, rej) => {\n    this.resolve = res;\n    this.reject = rej;\n  });\n}\n}\n\nexport interface LazyModuleRef {\n  injector?: Injector;\n  promise?: Promise<Injector>;}\n\nexport
const enum UpgradeAppType {\n  // App NOT using `@angular/upgrade`. (This should never happen in an
`ngUpgrade` app.)\n  None,\n  // App using the deprecated `@angular/upgrade` APIs (a.k.a. dynamic
`ngUpgrade`).\n  Dynamic,\n  // App using `@angular/upgrade/static` with `UpgradeModule`.\n  Static,\n  // App
using `@angular/upgrade/static` with `downgradeModule()` (a.k.a. `ngUpgrade-lite`).\n  Lite,\n}\n\n/**\n * @return
Whether the passed-in component implements the subset of the\n * `ControlValueAccessor` interface needed for
AngularJS `ng-model`\n * compatibility.\n */\nfunction supportsNgModel(component: any) {\n  return typeof
component.writeValue === 'function' &&\n    typeof component.registerOnChange === 'function';}\n\n/**\n *
Glue the AngularJS `NgModelController` (if it exists) to the component\n * (if it implements the needed subset of
the `ControlValueAccessor` interface).\n */\nexport function hookupNgModel(ngModel: INgModelController,
component: any) {\n  if (ngModel && supportsNgModel(component)) {\n    ngModel.$render = () => {\n      component.writeValue(ngModel.$viewValue); }\n    component.registerOnChange(ngModel.$setViewValue.bind(ngModel));\n    if (typeof
component.registerOnTouched === 'function') {\n      component.registerOnTouched(ngModel.$setTouched.bind(ngModel));\n    }\n  }\n}\n\n/**\n * Test two values for
strict equality, accounting for the fact that `NaN !== NaN`.\n */\nexport function strictEquals(val1: any, val2: any):
boolean {\n  return val1 === val2 || (val1 !== val1 && val2 !== val2);\n}\n\n",/**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\nimport { ApplicationRef, ChangeDetectorRef,
ComponentFactory, ComponentRef, EventEmitter, Injector, OnChanges, SimpleChange, SimpleChanges,
StaticProvider, Testability, TestabilityRegistry, Type } from '@angular/core';\nimport { IAttributes,
IAugmentedJQuery, ICompileService, IInjectorService, INgModelController, IParseService, IScope } from
'./angular1';\nimport { PropertyBinding } from './component_info';\nimport { $$SCOPE } from './constants';\nimport
{ getTypeName, hookupNgModel, strictEquals } from './util';\n\nconst INITIAL_VALUE = {\n  __UNINITIALIZED__: true\n};\n\nexport class DowngradeComponentAdapter {\n  private implementsOnChanges
= false;\n  private inputChangeCount: number = 0;\n  private inputChanges: SimpleChanges = {};\n  private
componentScope: IScope;\n  // TODO(issue/24571): remove '!.\n  private componentRef!: ComponentRef<any>;\n  private
component: any;\n  // TODO(issue/24571): remove '!.\n  private changeDetector!: ChangeDetectorRef;\n  //

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TODO(issue/24571): remove '!'.\n private viewChangeDetector !: ChangeDetectorRef;\n\n constructor(\n
private element: IAugmentedJQuery, private attrs: IAttributes, private scope: IScope,\n private ngModel:
INgModelController, private parentInjector: Injector,\n private $injector: IInjectorService, private $compile:
ICompileService,\n private $parse: IParseService, private componentFactory: ComponentFactory<any>,\n
private wrapCallback: <T>(cb: () => T) => () => T) {\n this.componentScope = scope.$new();\n }\n\n
compileContents(): Node[][] {\n const compiledProjectableNodes: Node[][] = [];\n const projectableNodes:
Node[][] = this.groupProjectableNodes();\n const linkFns = projectableNodes.map(nodes =>
this.$compile(nodes));\n\n this.element.empty !();\n\n linkFns.forEach(linkFn => {\n linkFn(this.scope,
(clone: Node[]) => {\n compiledProjectableNodes.push(clone);\n this.element.append !(clone);\n });\n
});\n\n return compiledProjectableNodes;\n }\n\n createComponent(projectableNodes: Node[][]) {\n const
providers: StaticProvider[] = [{provide: $$SCOPE, useValue: this.componentScope}];\n const childInjector =
Injector.create(\n {providers: providers, parent: this.parentInjector, name:
'DowngradeComponentAdapter'});\n\n this.componentRef =\n this.componentFactory.create(childInjector,
projectableNodes, this.element[0]);\n this.viewChangeDetector =
this.componentRef.injector.get(ChangeDetectorRef);\n this.changeDetector =
this.componentRef.changeDetectorRef;\n this.component = this.componentRef.instance;\n\n // testability hook is
commonly added during component bootstrap in\n // packages/core/src/application_ref.bootstrap()\n // in
downgraded application, component creation will take place here as well as adding the\n // testability hook.\n
const testability = this.componentRef.injector.get(Testability, null);\n if (testability) {\n
this.componentRef.injector.get(TestabilityRegistry)\n
.registerApplication(this.componentRef.location.nativeElement, testability);\n }\n\n
hookupNgModel(this.ngModel, this.component);\n }\n\n setupInputs(attachView: boolean,
propagateDigest = true): void {\n const attrs = this.attrs;\n const inputs = this.componentFactory.inputs || [];\n
for (let i = 0; i < inputs.length; i++) {\n const input = new PropertyBinding(inputs[i].propName,
inputs[i].templateName);\n let expr: string|null = null;\n\n if (attrs.hasOwnProperty(input.attr)) {\n const
observeFn = (prop => {\n let prevValue = INITIAL_VALUE;\n return (currValue: any) => {\n //
Initially, both `observe()` and `watch()` will call this function.\n if (!strictEquals(prevValue, currValue))
{\n if (prevValue === INITIAL_VALUE) {\n prevValue = currValue;\n }\n
this.updateInput(prop, prevValue, currValue);\n prevValue = currValue;\n }\n });\n
})(input.prop);\n attrs.$observe(input.attr, observeFn);\n\n // Use `watch()` (in addition to `observe()`) in
order to initialize the input in time\n // for `ngOnChanges()`. This is necessary if we are already in a `digest`,
which means that\n // `ngOnChanges()` (which is called by a watcher) will run before the `observe()`
callback.\n let unwatch: Function|null = this.componentScope.$watch(() => {\n unwatch !();\n
unwatch = null;\n observeFn(attrs[input.attr]);\n });\n\n } else if (attrs.hasOwnProperty(input.bindAttr))
{\n expr = attrs[input.bindAttr];\n } else if (attrs.hasOwnProperty(input.bracketAttr)) {\n expr =
attrs[input.bracketAttr];\n } else if (attrs.hasOwnProperty(input.bindonAttr)) {\n expr =
attrs[input.bindonAttr];\n } else if (attrs.hasOwnProperty(input.bracketParenAttr)) {\n expr =
attrs[input.bracketParenAttr];\n }\n\n if (expr != null) {\n const watchFn =\n (prop => (currValue:
any, prevValue: any) =>\n this.updateInput(prop, prevValue, currValue))(input.prop);\n
this.componentScope.$watch(expr, watchFn);\n }\n }\n\n // Invoke `ngOnChanges()` and Change Detection
(when necessary)\n const detectChanges = () => this.changeDetector.detectChanges();\n const prototype =
this.componentFactory.componentType.prototype;\n this.implementsOnChanges = !!((prototype &&
(<OnChanges>prototype).ngOnChanges);\n\n this.componentScope.$watch(() => this.inputChangeCount,
this.wrapCallback(() => {\n // Invoke `ngOnChanges()`\n if (this.implementsOnChanges) {\n const
inputChanges = this.inputChanges;\n this.inputChanges = {};\n
(<OnChanges>this.component).ngOnChanges(inputChanges !);\n }\n
}\n\n this.viewChangeDetector.markForCheck();\n\n // If opted out of propagating digests, invoke change detection
when inputs change.\n if (!propagateDigest) {\n detectChanges();\n }\n }));\n\n // If not opted out of

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propagating digests, invoke change detection on every digest\n  if (propagateDigest) {\n
this.componentScope.$watch(this.wrapCallback(detectChanges));\n  }\n\n // If necessary, attach the view so that
it will be dirty-checked.\n // (Allow time for the initial input values to be set and `ngOnChanges()` to be called.)\n
if (manuallyAttachView || !propagateDigest) {\n  let unwatch: Function|null = this.componentScope.$watch(() =>
{\n    unwatch !();\n    unwatch = null;\n\n    const appRef =
this.parentInjector.get<ApplicationRef>(ApplicationRef);\n
appRef.attachView(this.componentRef.hostView);\n  });\n  }\n\n\n  setupOutputs() {\n    const attrs =
this.attrs;\n    const outputs = this.componentFactory.outputs || [];\n    for (let j = 0; j < outputs.length; j++) {\n
const output = new PropertyBinding(outputs[j].propName, outputs[j].templateName);\n    const bindonAttr =
output.bindonAttr.substring(0, output.bindonAttr.length - 6);\n    const bracketParenAttr =\n`[${output.bracketParenAttr.substring(2, output.bracketParenAttr.length - 8)}]`; \n    // order below is important -
first update bindings then evaluate expressions\n    if (attrs.hasOwnProperty(bindonAttr)) {\n
this.subscribeToOutput(output, attrs[bindonAttr], true);\n    }\n    if (attrs.hasOwnProperty(bracketParenAttr)) {\n
this.subscribeToOutput(output, attrs[bracketParenAttr], true);\n    }\n    if
(attrs.hasOwnProperty(output.onAttr)) {\n    this.subscribeToOutput(output, attrs[output.onAttr]);\n    }\n    if
(attrs.hasOwnProperty(output.parenAttr)) {\n    this.subscribeToOutput(output, attrs[output.parenAttr]);\n    }\n
}\n\n\n  private subscribeToOutput(output: PropertyBinding, expr: string, isAssignment: boolean = false) {\n
const getter = this.$parse(expr);\n    const setter = getter.assign;\n    if (isAssignment && !setter) {\n    throw new
Error(`Expression '${expr}' is not assignable!`);\n    }\n    const emitter = this.component[output.prop] as
EventEmitter<any>;\n    if (emitter) {\n    emitter.subscribe({\n      next: isAssignment ? (v: any) => setter
!(this.scope, v) :\n        (v: any) => getter(this.scope, {'$event': v})\n    });\n    } else {\n    throw new
Error(\n      `Missing emitter '${output.prop}' on component
'${getTypeName(this.componentFactory.componentType)}'`);\n    }\n  }\n\n  registerCleanup() {\n    const
testabilityRegistry = this.componentRef.injector.get(TestabilityRegistry);\n    const destroyComponentRef =
this.wrapCallback(() => this.componentRef.destroy());\n    let destroyed = false;\n\n    this.element.on !('$destroy', ()
=> this.componentScope.$destroy());\n    this.componentScope.$on('$destroy', () => {\n    if (!destroyed) {\n
destroyed = true;\n    testabilityRegistry.unregisterApplication(this.componentRef.location.nativeElement);\n
destroyComponentRef();\n    }\n  });\n  }\n\n  getInjector(): Injector { return this.componentRef.injector; }\n\n
private updateInput(prop: string, prevValue: any, currValue: any) {\n    if (this.implementsOnChanges) {\n
this.inputChanges[prop] = new SimpleChange(prevValue, currValue, prevValue === currValue);\n    }\n\n
this.inputChangeCount++;\n    this.component[prop] = currValue;\n  }\n\n  groupProjectableNodes() {\n    let
ngContentSelectors = this.componentFactory.ngContentSelectors;\n    return
groupNodesBySelector(ngContentSelectors, this.element.contents !());\n  }\n\n  /**\n   * Group a set of DOM nodes
into `ngContent` groups, based on the given content selectors.\n   */\n  export function
groupNodesBySelector(ngContentSelectors: string[], nodes: Node[]): Node[][] {\n    const projectableNodes:
Node[][] = [];\n    let wildcardNgContentIndex: number;\n\n    for (let i = 0, ii = ngContentSelectors.length; i < ii; ++i)
{\n    projectableNodes[i] = [];\n    }\n\n    for (let j = 0, jj = nodes.length; j < jj; ++j) {\n    const node = nodes[j];\n
const ngContentIndex = findMatchingNgContentIndex(node, ngContentSelectors);\n    if (ngContentIndex != null)
{\n    projectableNodes[ngContentIndex].push(node);\n    }\n  }\n\n    return projectableNodes;\n  }\n\n  function
findMatchingNgContentIndex(element: any, ngContentSelectors: string[]): number|null {\n    const ngContentIndices:
number[] = [];\n    let wildcardNgContentIndex: number = -1;\n    for (let i = 0; i < ngContentSelectors.length; i++) {\n
const selector = ngContentSelectors[i];\n    if (selector === '*') {\n    wildcardNgContentIndex = i;\n    } else {\n
if (matchesSelector(element, selector)) {\n    ngContentIndices.push(i);\n    }\n  }\n  }\n\n
ngContentIndices.sort();\n    if (wildcardNgContentIndex !== -1) {\n
ngContentIndices.push(wildcardNgContentIndex);\n    }\n\n    return ngContentIndices.length ? ngContentIndices[0] :
null;\n  }\n\n  let _matches: (this: any, selector: string) => boolean;\n  function matchesSelector(el: any, selector:
string): boolean {\n    if (!_matches) {\n    const elProto = <any>Element.prototype;\n    _matches = elProto.matches ||
elProto.matchesSelector || elProto.mozMatchesSelector || elProto.msMatchesSelector ||

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elProto.oMatchesSelector || elProto.webkitMatchesSelector;\n }\n return el.nodeType ===
Node.ELEMENT_NODE ? _matches.call(el, selector) : false;\n}\n", "/*\n * @license\n * Copyright Google Inc.
All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in
the LICENSE file at https://angular.io/license\n */\n\nimport {isFunction} from './util';\n\nexport interface
Thenable<T> { then(callback: (value: T) => any): any; }\n\nexport function isThenable<T>(obj: unknown): obj is
Thenable<T> {\n return !!obj && isFunction((obj as any).then);\n}\n\n/**\n * Synchronous, promise-like object.\n
*/\n\nexport class SyncPromise<T> {\n protected value: T|undefined;\n private resolved = false;\n private callbacks:
((value: T) => unknown)[] = [];\n\n static all<T>(valuesOrPromises: (T|Thenable<T>][]): SyncPromise<T[]> {\n
const aggrPromise = new SyncPromise<T[]>();\n\n let resolvedCount = 0;\n const results: T[] = [];\n const
resolve = (idx: number, value: T) => {\n results[idx] = value;\n if (++resolvedCount ===
valuesOrPromises.length) aggrPromise.resolve(results);\n }; \n\n valuesOrPromises.forEach((p, idx) => {\n if
(isThenable(p)) {\n p.then(v => resolve(idx, v));\n } else {\n resolve(idx, p);\n }\n });\n\n return
aggrPromise;\n }\n\n resolve(value: T): void {\n // Do nothing, if already resolved.\n if (this.resolved)
return;\n\n this.value = value;\n this.resolved = true;\n\n // Run the queued callbacks.\n
this.callbacks.forEach(callback => callback(value));\n this.callbacks.length = 0;\n }\n\n then(callback: (value: T)
=> unknown): void {\n if (this.resolved) {\n callback(this.value !);\n } else {\n
this.callbacks.push(callback);\n }\n }\n}\n", "/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n
*\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n */\n\nimport {ComponentFactory, ComponentFactoryResolver, Injector, NgZone, Type}
from '@angular/core';\n\nimport {IAnnotatedFunction, IAttributes, IAugmentedJQuery, ICompileService,
IDirective, IInjectorService, INgModelController, IParseService, IScope} from './angular1';\n\nimport {$COMPILE,
$INJECTOR, $PARSE, INJECTOR_KEY, LAZY_MODULE_REF, REQUIRE_INJECTOR,
REQUIRE_NG_MODEL} from './constants';\n\nimport {DowngradeComponentAdapter} from
'./downgrade_component_adapter';\n\nimport {SyncPromise, Thenable} from './promise_util';\n\nimport
{LazyModuleRef, UpgradeAppType, controllerKey, getDowngradedModuleCount, getTypeName,
getUpgradeAppType, validateInjectionKey} from './util';\n\n\n/**\n *\n * @description\n *\n * A helper function that
allows an Angular component to be used from AngularJS.\n *\n * *Part of the
[upgrade/static](api?query=upgrade%2Fstatic)\n *\n * library for hybrid upgrade apps that support AOT compilation*\n
*\n * This helper function returns a factory function to be used for registering\n *\n * an AngularJS wrapper directive
for \"downgrading\" an Angular component.\n *\n * @usageNotes\n *\n * ### Examples\n *\n * Let's assume that you
have an Angular component called `ng2Heroes` that needs\n *\n * to be made available in AngularJS templates.\n *\n *
{@example upgrade/static/ts/full/module.ts region=\"ng2-heroes\"}\n *\n * We must create an AngularJS
[directive](https://docs.angularjs.org/guide/directive)\n *\n * that will make this Angular component available inside
AngularJS templates.\n *\n * The `downgradeComponent()` function returns a factory function that we\n *\n * can use to
define the AngularJS directive that wraps the \"downgraded\" component.\n *\n * {@example
upgrade/static/ts/full/module.ts region=\"ng2-heroes-wrapper\"}\n *\n * For more details and examples on
downgrading Angular components to AngularJS components please\n *\n * visit the [Upgrade
guide](guide/upgrade#using-angular-components-from-angularjs-code).\n *\n * @param info contains information
about the Component that is being downgraded:\n *\n * - `component: Type<any>`: The type of the Component that
will be downgraded\n *\n * - `downgradedModule?: string`: The name of the downgraded module (if any) that the
component\n *\n * \"belongs to\", as returned by a call to `downgradeModule()`. It is the module, whose\n *\n *
corresponding Angular module will be bootstrapped, when the component needs to be instantiated.\n *\n * <br />\n *
(This option is only necessary when using `downgradeModule()` to downgrade more than one\n *\n * Angular
module.)\n *\n * - `propagateDigest?: boolean`: Whether to perform { @link ChangeDetectorRef#detectChanges\n *\n *
change detection} on the component on every\n *\n *
[$digest](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest). If set to `false`,\n *\n * change detection
will still be performed when any of the component's inputs changes.\n *\n * (Default: true)\n *\n * @returns a factory
function that can be used to register the component in an\n *\n * AngularJS module.\n *\n * @publicApi\n */\n\nexport

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function downgradeComponent(info: {\n  component: Type<any>;\n  downgradedModule?: string;\n  propagateDigest?: boolean;\n  /** @deprecated since v4. This parameter is no longer used */\n  inputs?: string[];\n  /** @deprecated since v4. This parameter is no longer used */\n  outputs?: string[];\n  /** @deprecated since v4. This parameter is no longer used */\n  selectors?: string[];\n}): any /* angular.IInjectable */ {\n  const directiveFactory: IAnnotatedFunction = function(\n    $compile: ICompileService, $injector: IInjectorService, $parse: IParseService): IDirective {\n    // When using `downgradeModule()`, we need to handle certain things specially. For example:\n    // - We always need to attach the component view to the `ApplicationRef` for it to be\n    //   dirty-checked.\n    // - We need to ensure callbacks to Angular APIs (e.g. change detection) are run inside the\n    //   Angular zone.\n    // NOTE: This is not needed, when using `UpgradeModule`, because `digest()` will be run\n    //   inside the Angular zone (except if explicitly escaped, in which case we shouldn't\n    //   force it back in).\n    const isNgUpgradeLite = getUpgradeAppType($injector) === UpgradeAppType.Lite;\n    const wrapCallback: <T>(cb: () => T) => typeof cb =\n      !isNgUpgradeLite ? cb => cb : cb => () => NgZone.isInAngularZone() ? cb() : ngZone.run(cb);\n    let ngZone: NgZone;\n    // When downgrading multiple modules, special handling is needed wrt injectors.\n    const hasMultipleDowngradedModules =\n      isNgUpgradeLite && (getDowngradedModuleCount($injector) > 1);\n    return {\n      restrict: 'E',\n      terminal: true,\n      require: [REQUIRE_INJECTOR, REQUIRE_NG_MODEL],\n      link: (scope: IScope, element: IAugmentedJQuery, attrs: IAttributes, required: any[]) => {\n        // We might have to compile the contents asynchronously, because this might have been\n        // triggered by `UpgradeNg1ComponentAdapterBuilder`, before the Angular templates have\n        // been compiled.\n        const ngModel: INgModelController = required[1];\n        const parentInjector: Injector|Thenable<Injector>|undefined = required[0];\n        let moduleInjector: Injector|Thenable<Injector>|undefined = undefined;\n        let ranAsync = false;\n        if (!parentInjector || hasMultipleDowngradedModules) {\n          const downgradedModule = info.downgradedModule || '';\n          const lazyModuleRefKey = `${LAZY_MODULE_REF}${downgradedModule}`;\n          const attemptedAction = `instantiating component '${getTypeName(info.component)}'`;\n          validateInjectionKey($injector, downgradedModule, lazyModuleRefKey, attemptedAction);\n          const lazyModuleRef = $injector.get(lazyModuleRefKey) as LazyModuleRef;\n          moduleInjector = lazyModuleRef.injector || lazyModuleRef.promise as Promise<Injector>;\n        }\n        // Notes:\n        //\n        // There are two injectors: `finalModuleInjector` and `finalParentInjector` (they might be\n        // the same instance, but that is irrelevant):\n        // - `finalModuleInjector` is used to retrieve `ComponentFactoryResolver`, thus it must be\n        // on the same tree as the `NgModule` that declares this downgraded component.\n        // - `finalParentInjector` is used for all other injection purposes.\n        // (Note that Angular knows to only traverse the component-tree part of that injector,\n        // when looking for an injectable and then switch to the module injector.)\n        //\n        // There are basically three cases:\n        // - If there is no parent component (thus no `parentInjector`), we bootstrap the downgraded\n        // `NgModule` and use its injector as both `finalModuleInjector` and\n        // `finalParentInjector`.\n        // - If there is a parent component (and thus a `parentInjector`) and we are sure that it\n        // belongs to the same `NgModule` as this downgraded component (e.g. because there is only\n        // one downgraded module, we use that `parentInjector` as both `finalModuleInjector` and\n        // `finalParentInjector`.\n        // - If there is a parent component, but it may belong to a different `NgModule`, then we\n        // use the `parentInjector` as `finalParentInjector` and this downgraded component's\n        // declaring `NgModule`'s injector as `finalModuleInjector`.\n        // Note 1: If the `NgModule` is already bootstrapped, we just get its injector (we don't\n        // bootstrap again).\n        // Note 2: It is possible that (while there are multiple downgraded modules) this\n        // downgraded component and its parent component both belong to the same NgModule.\n        // In that case, we could have used the `parentInjector` as both\n        // `finalModuleInjector` and `finalParentInjector`, but (for simplicity) we are\n        // treating this case as if they belong to different `NgModule`s. That doesn't\n        // really affect anything, since `parentInjector` has `moduleInjector` as ancestor\n        // and trying to resolve `ComponentFactoryResolver` from either one will return\n        // the same instance.\n        // If there is a parent component, use its injector as parent injector.\n        // If this is a "top-level" Angular component, use the

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module injector.\n    const finalParentInjector = parentInjector || moduleInjector !;\n\n    // If this is a \"top-level\" Angular component or the parent component may belong to a\n    // different `NgModule`, use the module injector for module-specific dependencies.\n    // If there is a parent component that belongs to the same `NgModule`, use its injector.\n    const finalModuleInjector = moduleInjector || parentInjector !;\n    const doDowngrade = (injector: Injector, moduleInjector: Injector) => {\n        // Retrieve `ComponentFactoryResolver` from the injector tied to the `NgModule` this\n        // component belongs to.\n        const componentFactoryResolver: ComponentFactoryResolver =\n            moduleInjector.get(ComponentFactoryResolver);\n        const componentFactory: ComponentFactory<any> =\n            componentFactoryResolver.resolveComponentFactory(info.component) !;\n        if (!componentFactory) {\n            throw new Error(`Expecting ComponentFactory for: ${getTypeName(info.component)}`);\n        }\n        const injectorPromise = new ParentInjectorPromise(element);\n        const facade = new DowngradeComponentAdapter(\n            element, attrs, scope, ngModel, injector, $injector, $compile, $parse,\n            componentFactory, wrapCallback);\n        const projectableNodes = facade.compileContents();\n        facade.createComponent(projectableNodes);\n        facade.setupInputs(isNgUpgradeLite, info.propagateDigest);\n        facade.setupOutputs();\n        facade.registerCleanup();\n        injectorPromise.resolve(facade.getInjector());\n        if (ranAsync) {\n            // If this is run async, it is possible that it is not run inside a\n            // digest and initial input values will not be detected.\n            scope.$evalAsync(() => {});\n        }\n        const downgradeFn =\n            !isNgUpgradeLite ? doDowngrade : (pInjector: Injector, mInjector: Injector) => {\n                if (!ngZone) {\n                    ngZone = pInjector.get(NgZone);\n                }\n                wrapCallback(() => doDowngrade(pInjector, mInjector));\n            };\n        // NOTE: // Not using `ParentInjectorPromise.all()` (which is inherited from `SyncPromise`), because\n        // Closure Compiler (or some related tool) complains:\n        // `TypeError: ...src$downgrade_component_ParentInjectorPromise.all is not a function`\n        SyncPromise.all([finalParentInjector, finalModuleInjector]).then(([pInjector, mInjector]) => downgradeFn(pInjector, mInjector));\n        ranAsync = true;\n    }\n};\n\nimport {Injector} from '@angular/core';\nimport {IInjectorService} from './angular1';\nimport {$INJECTOR, INJECTOR_KEY} from './constants';\nimport {getTypeName, isFunction, validateInjectionKey} from './util';\n\n/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport {Injector} from '@angular/core';\nimport {IInjectorService} from './angular1';\nimport {$INJECTOR, INJECTOR_KEY} from './constants';\nimport {getTypeName, isFunction, validateInjectionKey} from './util';\n\n/**\n * @description\n *\n * A helper function to allow an Angular service to be accessible from AngularJS.\n *\n * Part of the [upgrade/static](api?query=upgrade%2Fstatic)\n * library for hybrid upgrade apps that support AOT compilation.\n *\n * This helper function returns a factory function that provides access to the Angular\n * service identified by the `token` parameter.\n *\n * @usageNotes\n * ### Examples\n *\n * First ensure that the service to be downgraded is provided in an `NgModule`\n * that will be part of the upgrade application. For example, let's assume we have\n * defined `HeroesService`\n *\n * ```{@example upgrade/static/ts/full/module.ts region=\"ng2-heroes-service\"}\n *\n * and that we have included this in our upgrade app `NgModule`\n *\n * ```{@example upgrade/static/ts/full/module.ts region=\"ng2-module\"}\n *\n * Now we can register the `downgradeInjectable` factory function for the service\n * on an AngularJS module.\n *\n * ```{@example upgrade/static/ts/full/module.ts region=\"downgrade-ng2-heroes-service\"}\n *\n * Inside an AngularJS component's controller we can get hold of the\n * downgraded service via the name we gave when downgrading.\n *\n * ```{@example upgrade/static/ts/full/module.ts region=\"example-app\"}\n *\n * <div class=\"alert is-important\">\n *\n * When using `downgradeModule()`, downgraded injectables will not

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be available until the Angular module that provides them is instantiated. In order to be safe, you need to ensure that the downgraded injectables are not used anywhere `_outside_` the part of the app where it is guaranteed that their module has been instantiated. For example, it is `_OK_` to use a downgraded service in an upgraded component that is only used from a downgraded Angular component provided by the same Angular module as the injectable, but it is `_not OK_` to use it in an AngularJS component that may be used independently of Angular or use it in a downgraded Angular component from a different module.

`@param token` an `InjectionToken` that identifies a service provided from Angular. `@param downgradedModule` the name of the downgraded module (if any) that the injectable "belongs to", as returned by a call to `downgradeModule()`. It is the module, whose injector will be used for instantiating the injectable. (This option is only necessary when using `downgradeModule()` to downgrade more than one Angular module.) `@returns` a [factory function](https://docs.angularjs.org/guide/di) that can be used to register the service on an AngularJS module. `@publicApi` `^` `next` export function

```

downgradeInjectable(token: any, downgradedModule: string = ""): Function {
  const factory = function($injector: InjectorService) {
    const injectorKey = `${INJECTOR_KEY}${downgradedModule}`;
    const injectableName = isFunction(token) ? getTypeName(token) : String(token);
    const attemptedAction = `instantiating injectable '${injectableName}'`;
    validateInjectionKey($injector, downgradedModule, injectorKey, attemptedAction);

    const injector: Injector = $injector.get(injectorKey);
    return injector.get(token);
  };
  (factory as any)['$inject'] = [INJECTOR];
  return factory;
}

```

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```

import {ElementRef, Injector, SimpleChanges} from '@angular/core';
import {DirectiveRequireProperty, IAugmentedJQuery, ICloneAttachFunction, ICompileService, IController, IControllerService, IDirective, IHttpBackendService, InjectorService, ILinkFn, IScope, ITemplateCacheService, SingleOrListOrMap, element as angularElement} from './angular1';
import {$COMPILE, $CONTROLLER, $HTTP_BACKEND, $INJECTOR, $TEMPLATE_CACHE} from './constants';
import {controllerKey, directiveNormalize, isFunction} from './util';
// Constants
const REQUIRE_PREFIX_RE = /^(\\|\\^)?(\\|\\^)?(\\|\\^)?(\\|\\^)?/;
// Interfaces
export interface IBindingDestination {
  [key: string]: any;
  $onChanges?: (changes: SimpleChanges) => void;
}
export interface IControllerInstance extends IBindingDestination {
  $doCheck?: () => void;
  $onDestroy?: () => void;
  $onInit?: () => void;
  $postLink?: () => void;
}
// Classes
export class UpgradeHelper {
  public readonly $injector: InjectorService;
  public readonly element: Element;
  public readonly $element: IAugmentedJQuery;
  public readonly directive: IDirective;
  private readonly $compile: ICompileService;
  private readonly $controller: IControllerService;

  constructor(private injector: Injector, private name: string, elementRef: ElementRef, directive?: IDirective) {
    this.$injector = injector.get(INJECTOR);
    this.$compile = this.$injector.get($COMPILE);
    this.$controller = this.$injector.get($CONTROLLER);
    this.element = elementRef.nativeElement;
    this.$element = angularElement(this.element);
    this.directive = directive || UpgradeHelper.getDirective(this.$injector, name);
  }

  static getDirective($injector: InjectorService, name: string): IDirective {
    const directives: IDirective[] = $injector.get(name + 'Directive');
    if (directives.length > 1) {
      throw new Error(`Only support single directive definition for: ${name}`);
    }
    const directive = directives[0];
    // AngularJS will transform `link: xyz` to `compile: () => xyz`. So we can only tell there was a
    // user-defined `compile` if there is no `link`. In other cases, we will just ignore `compile`.
    if (directive.compile && !directive.link) notSupported(name, 'compile');
    if (directive.replace) notSupported(name, 'replace');
    if (directive.terminal) notSupported(name, 'terminal');
    return directive;
  }

  static getTemplate($injector: InjectorService, directive: IDirective, fetchRemoteTemplate = false, $element?: IAugmentedJQuery): string|Promise<string> {
    if (directive.template !== undefined) {
      return getOrCall<string>(directive.template, $element);
    } else if (directive.templateUrl) {
      const $templateCache = $injector.get($TEMPLATE_CACHE) as ITemplateCacheService;
      const url = getOrCall<string>(directive.templateUrl, $element);
      const template = $templateCache.get(url);
      if (template !== undefined) {
        return template;
      } else if (!fetchRemoteTemplate) {
        throw new

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Error('loading directive templates asynchronously is not supported');\n    }\n\n    return new Promise((resolve,
reject) => {\n        const $httpBackend = $injector.get($HTTP_BACKEND) as IHttpBackendService;\n        $httpBackend('GET', url, null, (status: number, response: string) => {\n            if (status === 200) {\n
resolve($templateCache.put(url, response));\n            } else {\n                reject(`GET component template from '${url}'
returned '${status}: ${response}'`);\n            }\n        });\n    } else {\n        throw new Error(`Directive
'${directive.name}' is not a component, it is missing template.`);\n    }\n}\n\n buildController(controllerType:
IController, $scope: IScope) {\n    // TODO: Document that we do not pre-assign bindings on the controller
instance.\n    // Quoted properties below so that this code can be optimized with Closure Compiler.\n    const locals =
{'$scope': $scope, '$element': this.$element};\n    const controller = this.$controller(controllerType, locals, null,
this.directive.controllerAs);\n\n    this.$element.data!(controllerKey(this.directive.name!), controller);\n\n    return
controller;\n}\n\n compileTemplate(template?: string): ILinkFn {\n    if (template === undefined) {\n        template
= \n        UpgradeHelper.getTemplate(this.$injector, this.directive, false, this.$element) as string;\n    }\n\n    return
this.compileHtml(template);\n}\n\n onDestroy($scope: IScope, controllerInstance?: any) {\n    if
(controllerInstance && isFunction(controllerInstance.$onDestroy)) {\n        controllerInstance.$onDestroy();\n    }\n
$scope.$destroy();\n\n    // Clean the jQuery/jqLite data on the component+child elements.\n    // Equivalent to how
jQuery/jqLite invoke `cleanData` on an Element (this.element)\n    //
https://github.com/jquery/jquery/blob/e743cbd28553267f955f71ea7248377915613fd9/src/manipulation.js#L223\n
// https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/jqLite.js#L306-L312\n
// `cleanData` will invoke the AngularJS `$destroy` DOM event\n    //
https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/Angular.js#L1911-L1924\n
    angularElement.cleanData([this.element]);\n\n    angularElement.cleanData(this.element.querySelectorAll('*'));\n}\n\n prepareTransclusion(): ILinkFn|undefined
{\n    const transclude = this.directive.transclude;\n    const contentChildNodes = this.extractChildNodes();\n    const
attachChildrenFn: ILinkFn = (scope, cloneAttachFn) => {\n        // Since AngularJS v1.5.8, `cloneAttachFn` will try
to destroy the transclusion scope if\n        // `template` is empty. Since the transcluded content comes from Angular,
not AngularJS,\n        // there will be no transclusion scope here.\n        // Provide a dummy `scope.$destroy()` method
to prevent `cloneAttachFn` from throwing.\n        scope = scope || {$destroy: () => undefined};\n        return
cloneAttachFn!($template, scope);\n    }; \n    let $template = contentChildNodes;\n\n    if (transclude) {\n        const
slots = Object.create(null);\n        if (typeof transclude === 'object') {\n            $template = [];\n            const slotMap =
Object.create(null);\n            const filledSlots = Object.create(null);\n            // Parse the element selectors.\n
Object.keys(transclude).forEach(slotName => {\n                let selector = transclude[slotName];\n                const optional =
selector.charAt(0) === '?';\n                selector = optional ? selector.substring(1) : selector;\n                slotMap[selector] =
slotName;\n                slots[slotName] = null; // `null`: Defined but not yet filled.\n                filledSlots[slotName] =
optional; // Consider optional slots as filled.\n            });\n            // Add the matching elements into their slot.\n
contentChildNodes.forEach(node => {\n                const slotName =
slotMap[directiveNormalize(node.nodeName.toLowerCase)];\n                if (slotName) {\n
filledSlots[slotName] = true;\n                slots[slotName] = slots[slotName] || [];\n                slots[slotName].push(node);\n
                } else {\n                    $template.push(node);\n                }\n            });\n            // Check for required slots that were not
filled.\n            Object.keys(filledSlots).forEach(slotName => {\n                if (!filledSlots[slotName]) {\n                    throw
new Error(`Required transclusion slot '${slotName}' on directive: ${this.name}`);\n                }\n            });\n\n            Object.keys(slots).filter(slotName => slots[slotName]).forEach(slotName => {\n                const nodes =
slots[slotName];\n                slots[slotName] = (scope: IScope, cloneAttach: ICloneAttachFunction) => {\n                    return
cloneAttach!(nodes, scope);\n                }; \n            });\n\n            // Attach `$$slots` to default slot transclude fn.\n
attachChildrenFn.$$slots = slots;\n            // AngularJS v1.6+ ignores empty or whitespace-only transcluded text
nodes. But Angular\n            // removes all text content after the first interpolation and updates it later, after\n            //
evaluating the expressions. This would result in AngularJS failing to recognize text\n            // nodes that start with an
interpolation as transcluded content and use the fallback\n            // content instead.\n            // To avoid this issue, we add
a\n            // [zero-width non-joiner character](https://en.wikipedia.org/wiki/Zero-width_non-joiner)\n            // to empty

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text nodes (which can only be a result of Angular removing their initial content).\n // NOTE: Transcluded text
content that starts with whitespace followed by an interpolation\n // will still fail to be detected by AngularJS
v1.6+\n $template.forEach(node => {\n if (node.nodeType === Node.TEXT_NODE && !node.nodeValue)
{\n node.nodeValue = '\\u200C';\n }\n });\n }\n\n return attachChildrenFn;\n }\n\n
resolveAndBindRequiredControllers(controllerInstance: IControllerInstance|null) {\n const directiveRequire =
this.getDirectiveRequire();\n const requiredControllers = this.resolveRequire(directiveRequire);\n\n if
(controllerInstance && this.directive.bindToController && isMap(directiveRequire)) {\n const
requiredControllersMap = requiredControllers as {[key: string]: IControllerInstance};\n
Object.keys(requiredControllersMap).forEach(key => {\n controllerInstance[key] =
requiredControllersMap[key];\n });\n }\n\n return requiredControllers;\n }\n\n private compileHtml(html:
string): ILinkFn {\n this.element.innerHTML = html;\n return this.$compile(this.element.childNodes);\n }\n\n
private extractChildNodes(): Node[] {\n const childNodes: Node[] = [];\n let childNode: Node|null;\n\n while
(childNode = this.element.firstChild) {\n this.element.removeChild(childNode);\n
childNodes.push(childNode);\n }\n\n return childNodes;\n }\n\n private getDirectiveRequire():
DirectiveRequireProperty {\n const require = this.directive.require || (this.directive.controller &&
this.directive.name) !;\n\n if (isMap(require)) {\n Object.keys(require).forEach(key => {\n const value =
require[key];\n const match = value.match(REQUIRE_PREFIX_RE) !;\n const name =
value.substring(match[0].length);\n if (!name) {\n require[key] = match[0] + key;\n }\n });\n
}\n\n return require;\n }\n\n private resolveRequire(require: DirectiveRequireProperty, controllerInstance?:
any):\n SingleOrListOrMap<IControllerInstance>|null {\n if (!require) {\n return null;\n } else if
(Array.isArray(require)) {\n return require.map(req => this.resolveRequire(req));\n } else if (typeof require
=== 'object') {\n const value: {[key: string]: IControllerInstance} = {};\n Object.keys(require).forEach(key =>
value[key] = this.resolveRequire(require[key]) !);\n return value;\n } else if (typeof require === 'string') {\n
const match = require.match(REQUIRE_PREFIX_RE) !;\n const inheritType = match[1] || match[3];\n\n const name =
require.substring(match[0].length);\n const isOptional = !!match[2];\n const searchParents =
!!inheritType;\n const startOnParent = inheritType === '^';\n const ctrlKey = controllerKey(name);\n\n const
elem = startOnParent ? this.$element.parent !() : this.$element;\n const value = searchParents ?
elem.inheritedData !(ctrlKey) : elem.data !(ctrlKey);\n\n if (!value && !isOptional) {\n throw new Error(\n
`Unable to find required '${require}' in upgraded directive '${this.name}'.`);\n }\n\n return value;\n }
else {\n throw new Error(\n `Unrecognized 'require' syntax on upgraded directive '${this.name}':
${require}`);\n }\n }\n\n\nfunction getOrCall<T>(property: T | Function, ...args: any[]): T {\n return
isFunction(property) ? property(...args) : property;\n}\n\n// NOTE: Only works for `typeof T !== 'object'.\nfunction
isMap<T>(value: SingleOrListOrMap<T>): value is {[key: string]: T} {\n return value && !Array.isArray(value)
&& typeof value === 'object';\n}\n\nfunction notSupported(name: string, feature: string) {\n throw new
Error(`Upgraded directive '${name}' contains unsupported feature: '${feature}'.`);\n}\n\n"/**\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport {Directive, DoCheck, ElementRef,
EventEmitter, Inject, Injector, OnChanges, OnDestroy, OnInit, SimpleChange, SimpleChanges, Type} from
'@angular/core';\n\nimport {IAttributes, IDirective, IDirectivePrePost, IInjectorService, ILinkFn, IScope,
ITranscludeFunction} from '../common/src/angular1';\n\nimport {$SCOPE} from
'../common/src/constants';\n\nimport {IBindingDestination, IControllerInstance, UpgradeHelper} from
'../common/src/upgrade_helper';\n\nimport {isFunction, strictEquals} from '../common/src/util';\n\n\nconst
CAMEL_CASE = /([A-Z])/g;\n\nconst INITIAL_VALUE = {\n __UNINITIALIZED__: true;\n};\n\nconst
NOT_SUPPORTED: any = 'NOT_SUPPORTED';\n\n\nexport class UpgradeNg1ComponentAdapterBuilder {\n //
TODO(issue/24571): remove '!'\n type!: Type<any>;\n inputs: string[] = [];\n inputsRename: string[] = [];\n
outputs: string[] = [];\n outputsRename: string[] = [];\n propertyOutputs: string[] = [];\n checkProperties: string[] =
[];\n propertyMap: {[name: string]: string} = {};\n directive: IDirective|null = null;\n // TODO(issue/24571):
remove '!'\n template!: string;\n\n constructor(public name: string) {\n const selector =\n

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name.replace(CAMEL_CASE, (all: string, next: string) => '-' + next.toLowerCase());\n  const self = this;\n\n  //
Note: There is a bug in TS 2.4 that prevents us from\n  // inlining this into @Directive\n  // TODO(tbosch): find or
file a bug against TypeScript for this.\n  const directive = { selector: selector, inputs: this.inputsRename, outputs:
this.outputsRename};\n\n  @Directive({jit: true, ...directive})\n  class MyClass extends
UpgradeNg1ComponentAdapter implements OnInit, OnChanges, DoCheck,\n  OnDestroy {\n
constructor(@Inject($SCOPE) scope: IScope, injector: Injector, elementRef: ElementRef) {\n  super(\n
new UpgradeHelper(injector, name, elementRef, self.directive || undefined), scope,\n  self.template,
self.inputs, self.outputs, self.propertyOutputs, self.checkProperties,\n  self.propertyMap) as any;\n  }\n\n
this.type = MyClass;\n  }\n\n  extractBindings() {\n  const btcIsObject = typeof this.directive !.bindToController
=== 'object';\n  if (btcIsObject && Object.keys(this.directive !.scope !).length) {\n  throw new Error(\n
`Binding definitions on scope and controller at the same time are not supported.`);\n  }\n\n  const context =
(btcIsObject) ? this.directive !.bindToController : this.directive !.scope;\n\n  if (typeof context === 'object') {\n
Object.keys(context).forEach(propName => {\n  const definition = context[propName];\n  const
bindingType = definition.charAt(0);\n  const bindingOptions = definition.charAt(1);\n  const attrName =
definition.substring(bindingOptions === '?' ? 2 : 1) || propName;\n\n  // QUESTION: What about `=*`? Ignore?
Throw? Support?\n\n  const inputName = `input_${attrName}`;\n  const inputNameRename =
`${inputName}: ${attrName}`;\n  const outputName = `output_${attrName}`;\n  const outputNameRename
= `${outputName}: ${attrName}`;\n  const outputNameRenameChange = `${outputNameRename}Change`;\n\n
switch (bindingType) {\n  case '@':\n  case '<':\n  this.inputs.push(inputName);\n
this.inputsRename.push(inputNameRename);\n  this.propertyMap[inputName] = propName;\n  break;\n
case '=':\n  this.inputs.push(inputName);\n  this.inputsRename.push(inputNameRename);\n
this.propertyMap[inputName] = propName;\n\n  this.outputs.push(outputName);\n
this.outputsRename.push(outputNameRenameChange);\n  this.propertyMap[outputName] = propName;\n\n
this.checkProperties.push(propName);\n  this.propertyOutputs.push(outputName);\n  break;\n
case '&':\n  this.outputs.push(outputName);\n  this.outputsRename.push(outputNameRename);\n
this.propertyMap[outputName] = propName;\n  break;\n  default:\n  let json =
JSON.stringify(context);\n  throw new Error(\n  `Unexpected mapping '${bindingType}' in '${json}'
in '${this.name}' directive.`);\n  }\n  }\n  }\n  }\n\n  /**\n   * Upgrade ng1 components into Angular.\n
*/\n  static resolve(\n  exportedComponents: {[name: string]: UpgradeNg1ComponentAdapterBuilder},\n
@Injector: IInjectorService): Promise<string[]> {\n  const promises = Object.keys(exportedComponents).map(name
=> {\n  const exportedComponent = exportedComponents[name];\n  exportedComponent.directive =
UpgradeHelper.getDirective($injector, name);\n  exportedComponent.extractBindings();\n\n  return Promise\n
.resolve(UpgradeHelper.getTemplate($injector, exportedComponent.directive, true))\n  .then(template =>
exportedComponent.template = template);\n  });\n\n  return Promise.all(promises);\n  }\n  }\n  class
UpgradeNg1ComponentAdapter implements OnInit, OnChanges, DoCheck {\n  private controllerInstance:
IControllerInstance|null = null;\n  destinationObj: IBindingDestination|null = null;\n  checkLastValues: any[] = [];\n
directive: IDirective;\n  element: Element;\n  $element: any = null;\n  componentScope: IScope;\n\n  constructor(\n
private helper: UpgradeHelper, scope: IScope, private template: string,\n  private inputs: string[], private outputs:
string[], private propOuts: string[],\n  private checkProperties: string[], private propertyMap: {[key: string]:
string}) {\n  this.directive = helper.directive;\n  this.element = helper.element;\n  this.$element =
helper.$element;\n  this.componentScope = scope.$new(!this.directive.scope);\n\n  const controllerType =
this.directive.controller;\n\n  if (this.directive.bindToController && controllerType) {\n  this.controllerInstance
= this.helper.buildController(controllerType, this.componentScope);\n  this.destinationObj =
this.controllerInstance;\n  } else {\n  this.destinationObj = this.componentScope;\n  }\n\n  for (let i = 0; i <
inputs.length; i++) {\n  (this as any)[inputs[i]] = null;\n  }\n  for (let j = 0; j < outputs.length; j++) {\n  const
emitter = (this as any)[outputs[j]] = new EventEmitter<any>();\n  if (this.propOuts.indexOf(outputs[j]) === -1)
{\n  this.setComponentProperty(\n  outputs[j], (emitter => (value: any) =>
emitter.emit(value)));\n  }\n  }\n  for (let k = 0; k < propOuts.length; k++) {\n

```

```

this.checkLastValues.push(INITIAL_VALUE);\n  }\n }\n\n ngOnInit() {\n  // Collect contents, insert and
compile template\n  const attachChildNodes: ILinkFn|undefined = this.helper.prepareTransclusion();\n  const
linkFn = this.helper.compileTemplate(this.template);\n\n  // Instantiate controller (if not already done so)\n  const
controllerType = this.directive.controller;\n  const bindToController = this.directive.bindToController;\n  if
(controllerType && !bindToController) {\n    this.controllerInstance = this.helper.buildController(controllerType,
this.componentScope);\n  }\n\n  // Require other controllers\n  const requiredControllers =\n
this.helper.resolveAndBindRequiredControllers(this.controllerInstance);\n\n  // Hook: $onInit\n  if
(this.controllerInstance && isFunction(this.controllerInstance.$onInit)) {\n    this.controllerInstance.$onInit();\n
  }\n\n  // Linking\n  const link = this.directive.link;\n  const preLink = typeof link === 'object' && link.pre;\n
const postLink = typeof link === 'object' ? link.post : link;\n  const attrs: IAttributes = NOT_SUPPORTED;\n
const transcludeFn: ITranscludeFunction = NOT_SUPPORTED;\n  if (preLink) {\n
preLink(this.componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n  }\n\n
linkFn(this.componentScope, null !, {parentBoundTranscludeFn: attachChildNodes});\n\n  if (postLink) {\n
postLink(this.componentScope, this.$element, attrs, requiredControllers, transcludeFn);\n  }\n\n  // Hook:
$postLink\n  if (this.controllerInstance && isFunction(this.controllerInstance.$postLink)) {\n
this.controllerInstance.$postLink();\n  }\n }\n\n ngOnChanges(changes: SimpleChanges) {\n  const ng1Changes:
any = {};\n  Object.keys(changes).forEach(name => {\n    const change: SimpleChange = changes[name];\n
this.setComponentProperty(name, change.currentValue);\n    ng1Changes[this.propertyMap[name]] = change;\n
  });\n\n  if (isFunction(this.destinationObj !.$onChanges)) {\n    this.destinationObj !.$onChanges
!(ng1Changes);\n  }\n }\n\n ngDoCheck() {\n  const destinationObj = this.destinationObj;\n  const lastValues =
this.checkLastValues;\n  const checkProperties = this.checkProperties;\n  const propOuts = this.propOuts;\n
checkProperties.forEach((propName, i) => {\n    const value = destinationObj ![propName];\n    const last =
lastValues[i];\n    if (!strictEquals(last, value)) {\n      const eventEmitter: EventEmitter<any> = (this as
any)[propOuts[i];\n      eventEmitter.emit(lastValues[i] = value);\n    }\n  });\n\n  if (this.controllerInstance &&
isFunction(this.controllerInstance.$doCheck)) {\n    this.controllerInstance.$doCheck();\n  }\n }\n\n
ngOnDestroy() { this.helper.onDestroy(this.componentScope, this.controllerInstance); }\n\n
setComponentProperty(name: string, value: any) {\n  this.destinationObj ![this.propertyMap[name]] = value;\n
}\n}\n", "/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * \n * Use of this source code is
governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n
*\n\nimport { Compiler, CompilerOptions, Injector, NgModule, NgModuleRef, NgZone, StaticProvider, Testability,
Type, isDevMode, resolveForwardRef} from '@angular/core';\nimport { platformBrowserDynamic} from
'@angular/platform-browser-dynamic';\nimport { IAngularBootstrapConfig, IAugmentedJQuery, IInjectorService,
IModule, IProvideService, IRootScopeService, ITestabilityService, bootstrap, element as angularElement, module_
as angularModule} from '../common/src/angular1';\nimport {$$TESTABILITY, $COMPILE, $INJECTOR,
$ROOT_SCOPE, COMPILER_KEY, INJECTOR_KEY, LAZY_MODULE_REF, NG_ZONE_KEY,
UPGRADE_APP_TYPE_KEY} from '../common/src/constants';\nimport { downgradeComponent} from
'../common/src/downgrade_component';\nimport { downgradeInjectable} from
'../common/src/downgrade_injectable';\nimport { Deferred, LazyModuleRef, UpgradeAppType, controllerKey,
onError} from '../common/src/util';\nimport { UpgradeNg1ComponentAdapterBuilder} from
'/upgrade_ng1_adapter';\n\nlet upgradeCount: number = 0;\n\n/*\n * Use `UpgradeAdapter` to allow AngularJS
and Angular to coexist in a single application.\n * \n * The `UpgradeAdapter` allows:\n * 1. creation of Angular
component from AngularJS component directive\n * (See [UpgradeAdapter#upgradeNg1Component()])\n * 2.
creation of AngularJS directive from Angular component.\n * (See
[UpgradeAdapter#downgradeNg2Component()])\n * 3. Bootstrapping of a hybrid Angular application which
contains both of the frameworks\n * coexisting in a single application.\n * \n * @usageNotes\n * ### Mental
Model\n * \n * When reasoning about how a hybrid application works it is useful to have a mental model which\n *
describes what is happening and explains what is happening at the lowest level.\n * \n * 1. There are two independent
frameworks running in a single application, each framework treats\n * the other as a black box.\n * 2. Each DOM

```

element on the page is owned exactly by one framework. Whichever framework instantiated the element is the owner. Each framework only updates/interacts with its own DOM elements and ignores others.

AngularJS directives always execute inside AngularJS framework codebase regardless of where they are instantiated.

Angular components always execute inside Angular framework codebase regardless of where they are instantiated.

An AngularJS component can be upgraded to an Angular component. This creates an Angular directive, which bootstraps the AngularJS component directive in that location.

An Angular component can be downgraded to an AngularJS component directive. This creates an AngularJS directive, which bootstraps the Angular component in that location.

Whenever an adapter component is instantiated the host element is owned by the framework doing the instantiation. The other framework then instantiates and owns the view for that component. This implies that component bindings will always follow the semantics of the instantiation framework. The syntax is always that of Angular syntax.

AngularJS is always bootstrapped first and owns the bottom most view.

The new application is running in Angular zone, and therefore it no longer needs calls to `$apply()`.

```

### Example
const adapter = new UpgradeAdapter(forwardRef(() => MyNg2Module), myCompilerOptions);
const module = angular.module('myExample', []);
module.directive('ng2Comp', adapter.downgradeNg2Component(Ng2Component));
module.directive('ng1Hello', function() {
  return {
    scope: { title: '=' },
    template: 'ng1[Hello {{title}}]!(<span ng-transclude></span>)'
  };
});
@Component({
  selector: 'ng2-comp',
  inputs: ['name'],
  template: 'ng2[<ng1-hello [title]="name">transclude</ng1-hello>]<ng-content></ng-content>',
  directives: []
})
class Ng2Component {}
@NgModule({
  declarations: [Ng2Component, adapter.upgradeNg1Component('ng1Hello')],
  imports: [BrowserModule]
})
class MyNg2Module {}
document.body.innerHTML = '<ng2-comp name="World">project</ng2-comp>';
adapter.bootstrap(document.body, ['myExample']).ready(function() {
  expect(document.body.textContent).toEqual('ng2[ng1[Hello World!](transclude)](project)');
});
@deprecated Deprecated since v5. Use `upgrade/static` instead, which also supports [Ahead-of-Time compilation](guide/aot-compiler).
@publicApi
export class UpgradeAdapter {
  private idPrefix: string = `NG2_UPGRADE_${upgradeCount++}_`;
  private downgradedComponents: Type<any>[] = [];
  /**
   * An internal map of ng1 components which need to be upgraded to ng2.
   * We can't upgrade until injector is instantiated and we can retrieve the component metadata.
   * For this reason we keep a list of components to upgrade until ng1 injector is bootstrapped.
   */
  @internal
  private ng1ComponentsToBeUpgraded: {[name: string]: UpgradeNg1ComponentAdapterBuilder} = {};
  private upgradedProviders: StaticProvider[] = [];
  // TODO(issue/24571): remove '!'.
  private ngZone!: NgZone;
  // TODO(issue/24571): remove '!'.
  private ng1Module!: IModule;
  private moduleRef: NgModuleRef<any>|null = null;
  // TODO(issue/24571): remove '!'.
  private ng2BootstrapDeferred!: Deferred<IInjectorService>;
  constructor(private ng2AppModule: Type<any>, private compilerOptions?: CompilerOptions) {
    if (!ng2AppModule) {
      throw new Error('UpgradeAdapter cannot be instantiated without an NgModule of the Angular app.');
```

Allows Angular Component to be used from AngularJS.

Use `downgradeNg2Component` to create an AngularJS Directive Definition Factory from an Angular Component. The adapter will bootstrap Angular component from within the AngularJS template.

`@usageNotes`

Mental Model

1. The component is instantiated by being listed in AngularJS template. This means that the host element is controlled by AngularJS, but the component's view will be controlled by Angular.

2. Even though the component is instantiated in AngularJS, it will be using Angular syntax. This has to be done, this way because we must follow Angular components do not declare how the attributes should be interpreted.

3. `ng-model` is controlled by AngularJS and communicates with the downgraded Angular component by way of the `ControlValueAccessor` interface from `@angular/forms`. Only components that implement this interface are eligible.

Supported Features

- Bindings:
 - Attribute: `<comp name="World">`
 - Interpolation: `<comp greeting="Hello {{name}}!">`
 - Expression: `<comp [name]="username">`
 - Event: `<comp (close)="doSomething()">`
- ng-model: `<comp ng-model="name">`
- Content

```

projection: yes\n * \n * ### Example\n * \n * ``\n * const adapter = new UpgradeAdapter(forwardRef(() =>
MyNg2Module));\n * const module = angular.module('myExample', []);\n * module.directive('greet',
adapter.downgradeNg2Component(Greeter));\n * \n * @Component({\n * selector: 'greet',\n * template:
'{{ salutation }} {{ name }}! - <ng-content></ng-content>'\n * })\n * class Greeter {\n * @Input() salutation:
string;\n * @Input() name: string;\n * }\n * \n * @NgModule({\n * declarations: [Greeter],\n * imports:
[BrowserModule]\n * })\n * class MyNg2Module {\n * \n * document.body.innerHTML =\n * 'ng1
template: <greet salutation="Hello" [name]="world">text</greet>';\n * \n * adapter.bootstrap(document.body,
['myExample']).ready(function() {\n * expect(document.body.textContent).toEqual("\n * ng1 template: Hello world! -
text");\n * });\n * ``\n * \n * \n * downgradeNg2Component(component: Type<any>): Function {\n
this.downgradedComponents.push(component);\n * \n * return downgradeComponent({component});\n * }\n * \n * /**\n
* Allows AngularJS Component to be used from Angular.\n * \n * Use `upgradeNg1Component` to create an
Angular component from AngularJS Component\n * directive. The adapter will bootstrap AngularJS component
from within the Angular\n * template.\n * \n * @usageNotes\n * ### Mental Model\n * \n * 1. The
component is instantiated by being listed in Angular template. This means that the\n * host element is controlled
by Angular, but the component's view will be controlled by\n * AngularJS.\n * \n * ### Supported Features\n
*\n * - Bindings:\n * - Attribute: `<comp name="World">`\n * - Interpolation: `<comp greeting="Hello
{{ name }}!">`\n * - Expression: `<comp [name]="username">`\n * - Event: `<comp
(close)="doSomething()">`\n * - Transclusion: yes\n * - Only some of the features of\n * [Directive
Definition Object](https://docs.angularjs.org/api/ng/service/$compile) are\n * supported:\n * - `compile`: not
supported because the host element is owned by Angular, which does\n * not allow modifying DOM structure
during compilation.\n * - `controller`: supported. (NOTE: injection of `$attrs` and `$transclude` is not
supported.)\n * - `controllerAs`: supported.\n * - `bindToController`: supported.\n * - `link`: supported.
(NOTE: only pre-link function is supported.)\n * - `name`: supported.\n * - `priority`: ignored.\n * -
`replace`: not supported.\n * - `require`: supported.\n * - `restrict`: must be set to 'E'.\n * - `scope`:
supported.\n * - `template`: supported.\n * - `templateUrl`: supported.\n * - `terminal`: ignored.\n * -
`transclude`: supported.\n * \n * \n * ### Example\n * \n * ``\n * const adapter = new
UpgradeAdapter(forwardRef(() => MyNg2Module));\n * const module = angular.module('myExample', []);\n * \n
*\n * module.directive('greet', function() {\n * \n * return {\n * \n * scope: {salutation: '=', name: '='},\n * \n
*\n * template:
'{{ salutation }} {{ name }}! - <span ng-transclude></span>'\n * \n * });\n * \n * \n * module.directive('ng2',
adapter.downgradeNg2Component(Ng2Component));\n * \n * \n * @Component({\n * selector: 'ng2',\n *
template: 'ng2 template: <greet salutation="Hello" [name]="world">text</greet>'\n * })\n * class
Ng2Component {\n * \n * \n * @NgModule({\n * declarations: [Ng2Component,
adapter.upgradeNg1Component('greet')],\n * imports: [BrowserModule]\n * })\n * class MyNg2Module {\n * \n
*\n * document.body.innerHTML = '<ng2></ng2>';\n * \n * \n * adapter.bootstrap(document.body,
['myExample']).ready(function() {\n * \n * expect(document.body.textContent).toEqual("\n * ng2 template: Hello world! -
text");\n * });\n * ``\n * \n * \n * upgradeNg1Component(name: string): Type<any> {\n * \n * if
((<any>this.ng1ComponentsToBeUpgraded).hasOwnProperty(name)) {\n * \n * return
this.ng1ComponentsToBeUpgraded[name].type;\n * \n * } else {\n * \n * return (this.ng1ComponentsToBeUpgraded[name]
= new UpgradeNg1ComponentAdapterBuilder(name)).type;\n * \n * }\n * \n * }\n * \n * /**\n
* Registers the adapter's\n * AngularJS upgrade module for unit testing in AngularJS.\n * Use this instead of `angular.mock.module()` to load
the upgrade module into\n * the AngularJS testing injector.\n * \n * @usageNotes\n * ### Example\n * \n *
``\n * const upgradeAdapter = new UpgradeAdapter(MyNg2Module);\n * \n * // configure the adapter with
upgrade/downgrade components and services\n * upgradeAdapter.downgradeNg2Component(MyComponent);\n * \n
*\n * let upgradeAdapterRef: UpgradeAdapterRef;\n * let $compile, $rootScope;\n * \n * // We must register
the adapter before any calls to `inject()`\n * beforeEach(() => {\n * \n * upgradeAdapterRef =
upgradeAdapter.registerForNg1Tests(['heroApp']);\n * \n * });\n * \n * \n * beforeEach(inject((_ $compile_,
_$rootScope_) => {\n * \n * $compile = _ $compile_;\n * $rootScope = _ $rootScope_;\n * \n * \n * \n * it("says
hello", (done) => {\n * \n * upgradeAdapterRef.ready(() => {\n * \n * const element = $compile("<my-

```



```

UpgradeAdapter(MyNg2Module);\n * \n * const module = angular.module('myExample', []);\n *
module.factory('example', adapter.downgradeNg2Provider(Example));\n * \n * adapter.bootstrap(document.body,
['myExample']).ready((ref) => {\n * const example: Example = ref.ng1Injector.get('example');\n * });\n * \n *
```\n * /\n downgradeNg2Provider(token: any): Function { return downgradeInjectable(token); }\n\n /**\n *
Declare the AngularJS upgrade module for this adapter without bootstrapping the whole\n * hybrid application.\n
*\n * This method is automatically called by `bootstrap()` and `registerForNg1Tests()`.\n * \n * @param modules
The AngularJS modules that this upgrade module should depend upon.\n * @returns The AngularJS upgrade
module that is declared by this method\n * \n * @usageNotes\n * ### Example\n * \n * ```\n * const
upgradeAdapter = new UpgradeAdapter(MyNg2Module);\n * upgradeAdapter.declareNg1Module(['heroApp']);\n
* ```\n * /\n private declareNg1Module(modules: string[] = []): IModule {\n const delayApplyExps: Function[] =
[];\n let original$applyFn: Function;\n let rootScopePrototype: any;\n let rootScope: IRootScopeService;\n
const upgradeAdapter = this;\n const ng1Module = this.ng1Module = angularModule(this.idPrefix, modules);\n
const platformRef = platformBrowserDynamic();\n\n this.ngZone = new NgZone({enableLongStackTrace:
Zone.hasOwnProperty('longStackTraceZoneSpec')});\n this.ng2BootstrapDeferred = new Deferred();\n
ng1Module.constant(UPGRADE_APP_TYPE_KEY, UpgradeAppType.Dynamic)\n
.factory(INJECTOR_KEY, () => this.moduleRef !.injector.get(Injector))\n .factory(\n
LAZY_MODULE_REF,\n [INJECTOR_KEY, (injector: Injector) => ({ injector } as LazyModuleRef)])\n
.constant(NG_ZONE_KEY, this.ngZone)\n .factory(COMPILE_KEY, () => this.moduleRef
!.injector.get(Compiler))\n .config([\n '$provide', '$injector',\n (provide: IProvideService,\n
ng1Injector: IInjectorService) => {\n provide.decorator($ROOT_SCOPE, [\n '$delegate',\n
function(rootScopeDelegate: IRootScopeService) {\n // Capture the root apply so that we can delay first
call to $apply until we\n // bootstrap Angular and then we replay and restore the $apply.\n
rootScopePrototype = rootScopeDelegate.constructor.prototype;\n if
(rootScopePrototype.hasOwnProperty('$apply')) {\n original$applyFn = rootScopePrototype.$apply;\n
rootScopePrototype.$apply = (exp: any) => delayApplyExps.push(exp);\n } else {\n throw
new Error('Failed to find `'$apply`' on `'$rootScope`!');\n }\n return rootScope =
rootScopeDelegate;\n } \n]);\n if (ng1Injector.has($$TESTABILITY)) {\n
provide.decorator($$TESTABILITY, [\n '$delegate',\n function(testabilityDelegate:
ITestabilityService) {\n const originalWhenStable: Function = testabilityDelegate.whenStable;\n
// Cannot use arrow function below because we need the context\n const newWhenStable = function(this:
unknown, callback: Function) {\n originalWhenStable.call(this, function(this: unknown) {\n
const ng2Testability: Testability =\n upgradeAdapter.moduleRef !.injector.get(Testability);\n
if (ng2Testability.isStable()) {\n callback.apply(this, arguments);\n } else {\n
ng2Testability.whenStable(newWhenStable.bind(this, callback));\n } \n } \n]);\n
testabilityDelegate.whenStable = newWhenStable;\n return testabilityDelegate;\n
} \n]);\n } \n } \n]);\n\n ng1Module.run([\n '$injector', '$rootScope',\n
(ng1Injector: IInjectorService, rootScope: IRootScopeService) => {\n
UpgradeNg1ComponentAdapterBuilder.resolve(this.ng1ComponentsToBeUpgraded, ng1Injector)\n .then(()
=> {\n // Note: There is a bug in TS 2.4 that prevents us from\n // inlining this into @NgModule\n
// TODO(tbosch): find or file a bug against TypeScript for this.\n const ngModule = {\n
providers: [\n {provide: $INJECTOR, useFactory: () => ng1Injector},\n {provide: $COMPILE,\n
useFactory: () => ng1Injector.get($$COMPILE)},\n this.upgradedProviders\n],\n
imports: [resolveForwardRef(this.ng2AppModule)],\n entryComponents: this.downgradedComponents\n
};\n // At this point we have ng1 injector and we have prepared\n // ng1 components to be
upgraded, we now can bootstrap ng2.\n @NgModule({jit: true, ...ngModule})\n class
DynamicNgUpgradeModule {\n constructor() {\n ngDoBootstrap() {\n }\n }\n
platformRef\n .bootstrapModule(\n DynamicNgUpgradeModule, [this.compilerOptions !,\n
{ngZone: this.ngZone}])\n .then((ref: NgModuleRef<any>) => {\n this.moduleRef = ref;\n

```

```

 this.ngZone.run() => {\n if (rootScopePrototype) {\n
rootScopePrototype.$apply = original$applyFn; // restore original $apply\n while
(delayApplyExps.length) {\n rootScope.$apply(delayApplyExps.shift());\n }\n
 rootScopePrototype = null;\n }\n });\n })\n .then(() =>
this.ng2BootstrapDeferred.resolve(ng1Injector), onError)\n .then(() => {\n let subscription =
this.ngZone.onMicrotaskEmpty.subscribe({\n next: () => {\n if (rootScope.$$phase) {\n
if (isDevMode()) {\n console.warn(\n 'A digest was triggered
while one was already in progress. This may mean that something is triggering digests outside the Angular zone.');
 }\n return rootScope.$evalAsync(() => {});\n }\n
return rootScope.$digest();\n }\n });\n rootScope.$on('$destroy', () => {
subscription.unsubscribe(); });\n });\n })\n .catch((e) =>
this.ng2BootstrapDeferred.reject(e));\n]);\n return ng1Module;\n }\n }\n }\n /**\n * Synchronous
promise-like object to wrap parent injectors,\n * to preserve the synchronous nature of AngularJS's $compile.\n *\n * \u0027\u0027class ParentInjectorPromise {\n * // TODO(issue/24571): remove '!'.\n * private injector!: Injector;\n * private
callbacks: ((injector: Injector) => any)[] = [];\n * constructor(private element: IAugmentedJQuery) {\n * // store the
promise on the element\n * element.data !(controllerKey(INJECTOR_KEY), this);\n * }\n * then(callback: (injector:
Injector) => any) {\n * if (this.injector) {\n * callback(this.injector);\n * } else {\n
this.callbacks.push(callback);\n * }\n * }\n * resolve(injector: Injector) {\n * this.injector = injector;\n * // reset the
element data to point to the real injector\n * this.element.data !(controllerKey(INJECTOR_KEY), injector);\n * //
clean out the element to prevent memory leaks\n * this.element = null !;\n * // run all the queued callbacks\n
this.callbacks.forEach((callback) => callback(injector));\n * this.callbacks.length = 0;\n * }\n * }\n * \u0027\u0027\n * Use
`UpgradeAdapterRef` to control a hybrid AngularJS / Angular application.\n * \u0027\u0027 * @deprecated Deprecated since
v5. Use `upgrade/static` instead, which also supports\n * [Ahead-of-Time compilation](guide/aot-compiler).\n * \u0027\u0027
*\n * @publicApi\n * \u0027\u0027export class UpgradeAdapterRef {\n * /* @internal *\n * private _readyFn: ((upgradeAdapterRef:
UpgradeAdapterRef) => void)|null = null;\n * public ng1RootScope: IRootScopeService = null !;\n * public
ng1Injector: IInjectorService = null !;\n * public ng2ModuleRef: NgModuleRef<any> = null !;\n * public ng2Injector:
IInjector = null !;\n * /* @internal *\n * private _bootstrapDone(ngModuleRef: NgModuleRef<any>, ng1Injector:
IInjectorService) {\n * this.ng2ModuleRef = ngModuleRef;\n * this.ng2Injector = ngModuleRef.injector;\n
this.ng1Injector = ng1Injector;\n * this.ng1RootScope = ng1Injector.get($ROOT_SCOPE);\n * this._readyFn &&
this._readyFn(this);\n * }\n * }\n * \u0027\u0027\n * Register a callback function which is notified upon successful hybrid
AngularJS / Angular\n * application has been bootstrapped.\n * \u0027\u0027 * The `ready` callback function is invoked
inside the Angular zone, therefore it does not\n * require a call to `$apply()`. \u0027\u0027 *\n * \u0027\u0027 public ready(fn:
(upgradeAdapterRef: UpgradeAdapterRef) => void) {\n * this._readyFn = fn;\n * }\n * \u0027\u0027\n * Dispose of running hybrid
AngularJS / Angular application.\n * \u0027\u0027 *\n * \u0027\u0027 public dispose() {\n * this.ng1Injector
!.get($ROOT_SCOPE).$destroy();\n * this.ng2ModuleRef!.destroy();\n * }\n * }\n * \u0027\u0027\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n * \u0027\u0027\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n * \u0027\u0027\n * @module\n * @description\n * Entry point
for all public APIs of this package. allowing\n * Angular 1 and Angular 2+ to run side by side in the same
application.\n * \u0027\u0027\n * \u0027\u0027export { VERSION } from './src/common/src/version';\n * \u0027\u0027\n * \u0027\u0027export { UpgradeAdapter,
UpgradeAdapterRef } from './src/dynamic/src/upgrade_adapter';\n * \u0027\u0027\n * This file only re-exports content of the `src`
folder. Keep it that way.\n * \u0027\u0027\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * \u0027\u0027\n * Use of this
source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n * \u0027\u0027\n * \u0027\u0027 This file is not used to build this module. It is only used during editing\n * \u0027\u0027 by the
TypeScript language service and during build for verification. `ngc`\n * \u0027\u0027 replaces this file with production index.ts
when it rewrites private symbol\n * \u0027\u0027 names.\n * \u0027\u0027\n * \u0027\u0027export * from './public_api';\n * \u0027\u0027\n * \u0027\u0027 Generated bundle index. Do
not edit.\n * \u0027\u0027\n * \u0027\u0027export * from
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No license file was found, but licenses were detected in source scan.

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{"version":3,"file":"upgrade.js","sources":["../../../../packages/upgrade/src/common/src/version.ts", "../../../../packages/upgrade/src/common/src/angular1.ts", "../../../../packages/upgrade/src/common/src/constants.ts", "../../../../packages/upgrade/src/common/src/component_info.ts", "../../../../packages/upgrade/src/common/src/util.ts", "../../../../packages/upgrade/src/common/src/downgrade_component_adapter.ts", "../../../../packages/upgrade/src/common/src/promise_util.ts", "../../../../packages/upgrade/src/common/src/downgrade_component.ts", "../../../../packages/upgrade/src/common/src/downgrade_injectable.ts", "../../../../packages/upgrade/src/dynamic/src/upgrade_ng1_adapter.ts", "../../../../packages/upgrade/src/dynamic/src/upgrade_adapter.ts", "../../../../packages/upgrade/src/dynamic/src/upgrade.ts"],"sourcesContent":["/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-\n style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\n * @module\n * @description\n * Entry point for all public APIs of the common package.\n *\nimport {Version} from\n '@angular/core';\n\n\n * @publicApi\n *\nexport const VERSION = new Version('9.0.7');\n\n\n\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-\n style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nexport type Ng1Token =\n string;\n\nexport type Ng1Expression = string | Function;\n\nexport interface IAnnotatedFunction extends Function\n {\n // Older versions of `@types/angular` typings extend the global `Function` interface with\n // `$inject?:\n string[]`, which is not compatible with `$inject?: ReadonlyArray<string>` (used in\n // latest versions).\n $inject?:\n Function extends {$inject?: string[]} ? Ng1Token[] : ReadonlyArray<Ng1Token>;\n }\n\nexport type Iinjectable =\n (Ng1Token | Function)[] | IAnnotatedFunction;\n\nexport type SingleOrListOrMap<T> = T | T[] | {[key: string]:\n T};\n\nexport interface IModule {\n name: string;\n requires: (string|Iinjectable)[];\n config(fn: Iinjectable):\n IModule;\n directive(selector: string, factory: Iinjectable): IModule;\n component(selector: string, component:\n IComponent): IModule;\n controller(name: string, type: Iinjectable): IModule;\n factory(key: Ng1Token,\n factoryFn: Iinjectable): IModule;\n value(key: Ng1Token, value: any): IModule;\n constant(token: Ng1Token,\n
```

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value: any): IModule;\n run(a: IInjectable): IModule;\n}\nexport interface ICompileService {\n (element:
Element|NodeList|Node[]|string, transclude?: Function): ILinkFn;\n}\nexport interface ILinkFn {\n (scope: IScope,
cloneAttachFn?: ICloneAttachFunction, options?: ILinkFnOptions): IAugmentedJQuery;\n $$slots?: {[slotName:
string]: ILinkFn};\n}\nexport interface ILinkFnOptions {\n parentBoundTranscludeFn?: Function;\n
transcludeControllers?: {[key: string]: any};\n futureParentElement?: Node;\n}\nexport interface
IRootScopeService {\n $new(isolate?: boolean): IScope;\n $id: string;\n $parent: IScope;\n $root: IScope;\n
$watch(exp: Ng1Expression, fn?: (a1?: any, a2?: any) => void): Function;\n $on(event: string, fn?: (event?: any,
...args: any[]) => void): Function;\n $destroy(): any;\n $apply(exp?: Ng1Expression): any;\n $digest(): any;\n
$evalAsync(exp: Ng1Expression, locals?: any): void;\n $on(event: string, fn?: (event?: any, ...args: any[]) => void):
Function;\n $$childTail: IScope;\n $$childHead: IScope;\n $$nextSibling: IScope;\n [key: string]: any;\n}\nexport
interface IScope extends IRootScopeService {\n}\nexport interface IAngularBootstrapConfig { strictDi?: boolean;
}\nexport interface IDirective {\n compile?: IDirectiveCompileFn;\n controller?: IController;\n controllerAs?:
string;\n bindToController?: boolean|{[key: string]: string};\n link?: IDirectiveLinkFn|IDirectivePrePost;\n name?:
string;\n priority?: number;\n replace?: boolean;\n require?: DirectiveRequireProperty;\n restrict?: string;\n
scope?: boolean|{[key: string]: string};\n template?: string|Function;\n templateUrl?: string|Function;\n
templateNamespace?: string;\n terminal?: boolean;\n transclude?: DirectiveTranscludeProperty;\n}\nexport type
DirectiveRequireProperty = SingleOrListOrMap<string>;\nexport type DirectiveTranscludeProperty = boolean |
'element' | {[key: string]: string};\nexport interface IDirectiveCompileFn {\n (templateElement:
IAugmentedJQuery, templateAttributes: IAttributes,\n transclude: ITranscludeFunction):
IDirectivePrePost;\n}\nexport interface IDirectivePrePost {\n pre?: IDirectiveLinkFn;\n post?:
IDirectiveLinkFn;\n}\nexport interface IDirectiveLinkFn {\n (scope: IScope, instanceElement: IAugmentedJQuery,
instanceAttributes: IAttributes,\n controller: any, transclude: ITranscludeFunction): void;\n}\nexport interface
IComponent {\n bindings?: {[key: string]: string};\n controller?: string|IInjectable;\n controllerAs?: string;\n
require?: DirectiveRequireProperty;\n template?: string|Function;\n templateUrl?: string|Function;\n transclude?:
DirectiveTranscludeProperty;\n}\nexport interface IAttributes {\n $observe(attr: string, fn: (v: string) => void):
void;\n [key: string]: any;\n}\nexport interface ITranscludeFunction {\n // If the scope is provided, then the
cloneAttachFn must be as well.\n (scope: IScope, cloneAttachFn: ICloneAttachFunction): IAugmentedJQuery;\n //
If one argument is provided, then it's assumed to be the cloneAttachFn.\n (cloneAttachFn?: ICloneAttachFunction):
IAugmentedJQuery;\n}\nexport interface ICloneAttachFunction { (clonedElement: IAugmentedJQuery, scope:
IScope): any; }\nexport type IAugmentedJQuery = Node[] & {\n on?: (name: string, fn: () => void) => void;\n
data?: (name: string, value?: any) => any;\n text?: () => string;\n inheritedData?: (name: string, value?: any) =>
any;\n contents?: () => IAugmentedJQuery;\n parent?: () => IAugmentedJQuery;\n empty?: () => void;\n
append?: (content: IAugmentedJQuery | string) => IAugmentedJQuery;\n controller?: (name: string) => any;\n
isolateScope?: () => IScope;\n injector?: () => IInjectorService;\n triggerHandler?: (eventTypeOrObject: string |
Event, extraParameters?: any[]) => IAugmentedJQuery;\n remove?: () => void;\n removeData?: () =>
void;\n};\nexport interface IProvider { $get: IInjectable; }\nexport interface IProvideService {\n provider(token:
Ng1Token, provider: IProvider): IProvider;\n factory(token: Ng1Token, factory: IInjectable): IProvider;\n
service(token: Ng1Token, type: IInjectable): IProvider;\n value(token: Ng1Token, value: any): IProvider;\n
constant(token: Ng1Token, value: any): void;\n decorator(token: Ng1Token, factory: IInjectable): void;\n}\nexport
interface IParseService { (expression: string): ICompiledExpression; }\nexport interface ICompiledExpression {\n
(context: any, locals: any): any;\n assign?: (context: any, value: any) => any;\n}\nexport interface
IHttpBackendService {\n (method: string, url: string, post?: any, callback?: Function, headers?: any, timeout?:
number,\n withCredentials?: boolean): void;\n}\nexport interface ICacheObject {\n put<T>(key: string, value?: T):
T;\n get(key: string): any;\n}\nexport interface ITemplateCacheService extends ICacheObject {\n}\nexport interface
ITemplateRequestService {\n (template: string|any /* TrustedResourceUrl */, ignoreRequestError?: boolean):
Promise<string>;\n totalPendingRequests: number;\n}\nexport type IController = string | IInjectable;\nexport
interface IControllerService {\n (controllerConstructor: IController, locals?: any, later?: any, ident?: any): any;\n
(controllerName: string, locals?: any): any;\n}\n}\nexport interface IInjectorService {\n get(key: string): any;\n

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has(key: string): boolean;\n}\n\nexport interface IIntervalService {\n (func: Function, delay: number, count?:
number, invokeApply?: boolean,\n ...args: any[]): Promise<any>;\n cancel(promise: Promise<any>):
boolean;\n}\n\nexport interface ITestabilityService {\n findBindings(element: Element, expression: string,
opt_exactMatch?: boolean): Element[];\n findModels(element: Element, expression: string, opt_exactMatch?:
boolean): Element[];\n getLocation(): string;\n setLocation(url: string): void;\n whenStable(callback: Function):
void;\n}\n\nexport interface INgModelController {\n $render(): void;\n $isEmpty(value: any): boolean;\n
$setValidity(validationErrorKey: string, isValid: boolean): void;\n $setPristine(): void;\n $setDirty(): void;\n
$setUntouched(): void;\n $setTouched(): void;\n $rollbackViewValue(): void;\n $validate(): void;\n
$commitViewValue(): void;\n $setViewValue(value: any, trigger: string): void;\n\n $viewValue: any;\n
$modelValue: any;\n $parsers: Function[];\n $formatters: Function[];\n $validators: {[key: string]: Function};\n
$asyncValidators: {[key: string]: Function};\n $viewChangeListeners: Function[];\n $error: Object;\n $pending:
Object;\n $untouched: boolean;\n $touched: boolean;\n $pristine: boolean;\n $dirty: boolean;\n $valid: boolean;\n
$invalid: boolean;\n $name: string;\n}\n\nfunction noNg(): never {\n throw new Error('AngularJS v1.x is not
loaded!');\n}\n\nconst noNgElement: typeof angular.element = ((=> noNg()) as any);\nnoNgElement.cleanData =
noNg;\n\nlet angular: {\n bootstrap: (e: Element, modules: (string | IInjectable)[], config?:
IAngularBootstrapConfig) =>\n\n InjectorService,\n module: (prefix: string, dependencies?: string[]) =>
IModule,\n element: {\n (e: string | Element | Document | IAugmentedJQuery): IAugmentedJQuery;\n
cleanData: (nodes: Node[] | NodeList) => void;\n },\n injector: (modules: Array<string|IInjectable>, strictDi?:
boolean) => IInjectorService,\n version: {major: number},\n resumeBootstrap: () => void,\n getTestability: (e:
Element) => ITestabilityService\n} = {\n bootstrap: noNg,\n module: noNg,\n element: noNgElement,\n injector:
noNg,\n version: undefined as any,\n resumeBootstrap: noNg,\n getTestability: noNg\n};\n\ntry {\n if
(window.hasOwnProperty('angular')) {\n angular = (<any>window).angular;\n }\n} catch {\n // ignore in CJS
mode.\n}\n\n/**\n * @deprecated Use `setAngularJSGlobal` instead.\n *\n * @publicApi\n */\nexport function
setAngularLib(ng: any): void {\n setAngularJSGlobal(ng);\n}\n\n/**\n * @deprecated Use `getAngularJSGlobal`
instead.\n *\n * @publicApi\n */\nexport function getAngularLib(): any {\n return
getAngularJSGlobal();\n}\n\n/**\n * Resets the AngularJS global.\n *\n * Used when AngularJS is loaded lazily,
and not available on `window`.\n *\n * @publicApi\n */\nexport function setAngularJSGlobal(ng: any): void {\n
angular = ng;\n}\n\n/**\n * Returns the current AngularJS global.\n *\n * @publicApi\n */\nexport function
getAngularJSGlobal(): any {\n return angular;\n}\n\nexport const bootstrap: typeof angular.bootstrap = (e, modules,
config?) =>\n\n angular.bootstrap(e, modules, config);\n\n// Do not declare as `module` to avoid webpack bug\n//
(see https://github.com/angular/angular/issues/30050).\nexport const module_: typeof angular.module = (prefix,
dependencies?) =>\n\n angular.module(prefix, dependencies);\n\nexport const element: typeof angular.element = (e
=> angular.element(e)) as typeof angular.element;\nelement.cleanData = nodes =>
angular.element.cleanData(nodes);\n\nexport const injector: typeof angular.injector =\n\n (modules:
Array<string|IInjectable>, strictDi?: boolean) => angular.injector(modules, strictDi);\n\nexport const
resumeBootstrap: typeof angular.resumeBootstrap = () => angular.resumeBootstrap();\n\nexport const
getTestability: typeof angular.getTestability = e => angular.getTestability(e);\n\n", /**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\n\nexport const $COMPILE = '$compile';\nexport const
$CONTROLLER = '$controller';\nexport const $DELEGATE = '$delegate';\nexport const
$EXCEPTION_HANDLER = '$exceptionHandler';\nexport const $HTTP_BACKEND = '$httpBackend';\nexport
const $INJECTOR = '$injector';\nexport const $INTERVAL = '$interval';\nexport const $PARSE = '$parse';\nexport
const $PROVIDE = '$provide';\nexport const $ROOT_SCOPE = '$rootScope';\nexport const $SCOPE =
$scope';\nexport const $TEMPLATE_CACHE = '$templateCache';\nexport const $TEMPLATE_REQUEST =
$templateRequest';\n\nexport const $$TESTABILITY = '$$testability';\n\nexport const COMPILER_KEY =
'$angularCompiler';\nexport const DOWNGRADED_MODULE_COUNT_KEY =
'$angularDowngradedModuleCount';\nexport const GROUP_PROJECTABLE_NODES_KEY =
'$angularGroupProjectableNodes';\nexport const INJECTOR_KEY = '$angularInjector';\nexport const

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LAZY_MODULE_REF = '$$angularLazyModuleRef';\nexport const NG_ZONE_KEY =
'$angularNgZone';\nexport const UPGRADE_APP_TYPE_KEY = '$$angularUpgradeAppType';\nexport const
REQUIRE_INJECTOR = '?^^' + INJECTOR_KEY;\nexport const REQUIRE_NG_MODEL =
'ngModel';\nexport const UPGRADE_MODULE_NAME = '$$UpgradeModule';\n"/**\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n *\n\n/**\n * A `PropertyBinding` represents a
mapping between a property name\n * and an attribute name. It is parsed from a string of the form\n * `"prop:
attr";` or simply `"propAndAttr"` where the property\n * and attribute have the same identifier.\n */\nexport class
PropertyBinding {\n // TODO(issue/24571): remove '!.\n bracketAttr !: string;\n // TODO(issue/24571): remove
'!\n bracketParenAttr !: string;\n // TODO(issue/24571): remove '!\n parenAttr !: string;\n //
TODO(issue/24571): remove '!\n onAttr !: string;\n // TODO(issue/24571): remove '!\n bindAttr !: string;\n //
TODO(issue/24571): remove '!\n bindonAttr !: string;\n\n constructor(public prop: string, public attr: string) {\n
this.parseBinding();\n\n private parseBinding() {\n this.bracketAttr = `[$${this.attr}]`; \n this.parenAttr =
`(${this.attr})`; \n this.bracketParenAttr = `[$${this.attr}]`; \n const capitalAttr =
this.attr.charAt(0).toUpperCase() + this.attr.substr(1); \n this.onAttr = `on${capitalAttr}`; \n this.bindAttr =
`bind${capitalAttr}`; \n this.bindonAttr = `bindon${capitalAttr}`; \n }\n\n"/**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n *\n\nimport {Injector, Type} from
'@angular/core';\n\nimport {IInjectorService, INgModelController} from './angular1';\n\nimport
{DOWNGRADED_MODULE_COUNT_KEY, UPGRADE_APP_TYPE_KEY} from './constants';\n\nconst
DIRECTIVE_PREFIX_REGEXP = /^(?:x|data)[:-_]/i;\nconst DIRECTIVE_SPECIAL_CHARS_REGEXP = /[:\n-
_]+(\.)/g;\n\nexport function onError(e: any) {\n // TODO: (misko): We seem to not have a stack trace here!\n if
(console.error) {\n console.error(e, e.stack);\n } else {\n // tslint:disable-next-line:no-console\n console.log(e,
e.stack);\n }\n throw e;\n}\n\nexport function controllerKey(name: string): string {\n return '$' + name +
'Controller';\n}\n\nexport function directiveNormalize(name: string): string {\n return
name.replace(DIRECTIVE_PREFIX_REGEXP, "")\n .replace(DIRECTIVE_SPECIAL_CHARS_REGEXP, (_,
letter) => letter.toUpperCase());\n}\n\nexport function getTypeName(type: Type<any>): string {\n // Return the
name of the type or the first line of its stringified version.\n return (type as any).overriddenName || type.name ||
type.toString().split("\\n")[0];\n}\n\nexport function getDowngradedModuleCount($injector: IInjectorService):
number {\n return $injector.has(DOWNGRADED_MODULE_COUNT_KEY) ?\n\n $injector.get(DOWNGRADED_MODULE_COUNT_KEY) : 0;\n}\n\nexport
function getUpgradeAppType($injector: IInjectorService): UpgradeAppType {\n return
$injector.has(UPGRADE_APP_TYPE_KEY) ? $injector.get(UPGRADE_APP_TYPE_KEY) :\n\n UpgradeAppType.None;\n}\n\nexport function isFunction(value: any): value is Function {\n return typeof
value === 'function';\n}\n\nexport function validateInjectionKey(\n $injector: IInjectorService,\n
downgradedModule: string, injectionKey: string,\n attemptedAction: string): void {\n const upgradeAppType =
getUpgradeAppType($injector);\n const downgradedModuleCount = getDowngradedModuleCount($injector);\n\n // Check for common errors.\n switch (upgradeAppType) {\n case UpgradeAppType.Dynamic:\n case
UpgradeAppType.Static:\n if (downgradedModule) {\n throw new Error(\n `Error while
${attemptedAction}: 'downgradedModule' unexpectedly specified.\\n` +\n `You should not specify a value for
\\'downgradedModule\\', unless you are downgrading ' +\n `more than one Angular module (via
\\'downgradeModule()\\').`);\n }\n break;\n case UpgradeAppType.Lite:\n if (!downgradedModule &&
(downgradedModuleCount >= 2)) {\n throw new Error(\n `Error while ${attemptedAction}:
'downgradedModule' not specified.\\n` +\n `This application contains more than one downgraded Angular
module, thus you need to ' +\n `always specify \\'downgradedModule\\' when downgrading components and
injectables.`);\n }\n if (!$injector.has(injectionKey)) {\n throw new Error(\n `Error while
${attemptedAction}: Unable to find the specified downgraded module.\\n` +\n `Did you forget to downgrade
an Angular module or include it in the AngularJS ' +\n `application?`);\n }\n break;\n default:\n

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throw new Error(`Error while ${attemptedAction}: Not a valid '@angular/upgrade' application.
Did you forget to downgrade an Angular module or include it in the AngularJS 'application'?`);
}
}
export class Deferred<R> {
 promise: Promise<R>;
 // TODO(issue/24571): remove '!'.
 resolve!: (value?: R | PromiseLike<R>) => void;
 // TODO(issue/24571): remove '!'.
 reject!: (error?: any) => void;
 constructor() {
 this.promise = new Promise((res, rej) => {
 this.resolve = res;
 this.reject = rej;
 });
 }
}
export interface LazyModuleRef {
 injector?: Injector;
 promise?: Promise<Injector>;
}
export const enum UpgradeAppType {
 // App NOT using '@angular/upgrade'. (This should never happen in an
 // 'ngUpgrade' app.)
 None,
 // App using the deprecated '@angular/upgrade' APIs (a.k.a. dynamic
 // 'ngUpgrade').
 Dynamic,
 // App using '@angular/upgrade/static' with 'UpgradeModule'.
 Static,
 // App
 // using '@angular/upgrade/static' with 'downgradeModule()' (a.k.a. 'ngUpgrade-lite').
 Lite,
}
/**
 * @return
 * Whether the passed-in component implements the subset of the
 * 'ControlValueAccessor' interface needed for
 * AngularJS 'ng-model' compatibility.
 */
function supportsNgModel(component: any): boolean {
 return typeof component.writeValue === 'function' &&
 typeof component.registerOnChange === 'function';
}
/**
 * Glue the AngularJS 'NgModelController' (if it exists) to the component
 * (if it implements the needed subset of the
 * 'ControlValueAccessor' interface).
 */
export function hookupNgModel(ngModel: INgModelController,
 component: any) {
 if (ngModel && supportsNgModel(component)) {
 ngModel.$render = () => {
 component.writeValue(ngModel.$viewValue);
 };
 component.registerOnChange(ngModel.$setViewValue.bind(ngModel));
 if (typeof component.registerOnTouched === 'function') {
 component.registerOnTouched(ngModel.$setTouched.bind(ngModel));
 }
 }
}
/**
 * Test two values for
 * strict equality, accounting for the fact that NaN !== NaN.
 */
export function strictEquals(val1: any, val2: any):
 boolean {
 return val1 === val2 || (val1 !== val1 && val2 !== val2);
}
/*
 * @license
 * Copyright
 * Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be
 * found in the LICENSE file at https://angular.io/license
 */
import {
 ApplicationRef, ChangeDetectorRef, ComponentFactory, ComponentRef, EventEmitter, Injector, OnChanges, SimpleChange, SimpleChanges,
 StaticProvider, Testability, TestabilityRegistry, Type
} from '@angular/core';
import {
 IAttributes, IAugmentedJQuery, ICompileService, IInjectorService, INgModelController, IParseService, IScope
} from './angular1';
import {
 PropertyBinding
} from './component_info';
import {
 $SCOPE
} from './constants';
import {
 getTypeName, hookupNgModel, strictEquals
} from './util';
const INITIAL_VALUE = {
 __UNINITIALIZED__: true
};
export class DowngradeComponentAdapter {
 private implementsOnChanges = false;
 private inputChangeCount: number = 0;
 private inputChanges: SimpleChanges = {};
 private componentScope: IScope;
 // TODO(issue/24571): remove '!'.
 private componentRef!: ComponentRef<any>;
 private component: any;
 // TODO(issue/24571): remove '!'.
 private changeDetector!: ChangeDetectorRef;
 // TODO(issue/24571): remove '!'.
 private viewChangeDetector!: ChangeDetectorRef;
 constructor(
 private element: IAugmentedJQuery,
 private attrs: IAttributes,
 private scope: IScope,
 private ngModel: INgModelController,
 private parentInjector: Injector,
 private $injector: IInjectorService,
 private $compile: ICompileService,
 private $parse: IParseService,
 private componentFactory: ComponentFactory<any>,
 private wrapCallback: <T>(cb: () => T) => () => T) {
 this.componentScope = scope.$new();
 }
 compileContents(): Node[][] {
 const compiledProjectableNodes: Node[][] = [];
 const projectableNodes: Node[][] = this.groupProjectableNodes();
 const linkFns = projectableNodes.map(nodes => this.$compile(nodes));
 this.element.empty!();
 linkFns.forEach(linkFn => {
 linkFn(this.scope, (clone: Node[]) => {
 compiledProjectableNodes.push(clone);
 this.element.append!(clone);
 });
 });
 return compiledProjectableNodes;
 }
 createComponent(projectableNodes: Node[][]): {
 providers: StaticProvider[] = [{
 provide: $SCOPE, useValue: this.componentScope
 }];
 childInjector = Injector.create({
 providers: providers, parent: this.parentInjector, name: 'DowngradeComponentAdapter'
 });
 this.componentRef = this.componentFactory.create(childInjector, projectableNodes, this.element[0]);
 this.viewChangeDetector = this.componentRef.injector.get(ChangeDetectorRef);
 this.changeDetector =

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this.componentRef.changeDetectorRef;\n this.component = this.componentRef.instance;\n\n // testability hook is
commonly added during component bootstrap in\n // packages/core/src/application_ref.bootstrap()\n // in
downgraded application, component creation will take place here as well as adding the\n // testability hook.\n
const testability = this.componentRef.injector.get(Testability, null);\n if (testability) {\n
this.componentRef.injector.get(TestabilityRegistry)\n
.registerApplication(this.componentRef.location.nativeElement, testability);\n }\n\n
hookupNgModel(this.ngModel, this.component);\n }\n\n setupInputs(manuallyAttachView: boolean,
propagateDigest = true): void {\n const attrs = this.attrs;\n const inputs = this.componentFactory.inputs || [];\n
for (let i = 0; i < inputs.length; i++) {\n const input = new PropertyBinding(inputs[i].propName,
inputs[i].templateName);\n let expr: string|null = null;\n if (attrs.hasOwnProperty(input.attr)) {\n const
observeFn = (prop => {\n let prevValue = INITIAL_VALUE;\n return (currValue: any) => {\n //
Initially, both `observe()` and `watch()` will call this function.\n if (!strictEquals(prevValue, currValue))
{\n if (prevValue === INITIAL_VALUE) {\n prevValue = currValue;\n }\n\n
this.updateInput(prop, prevValue, currValue);\n prevValue = currValue;\n }\n });\n
})(input.prop);\n attrs.$observe(input.attr, observeFn);\n\n // Use `watch()` (in addition to `observe()`) in
order to initialize the input in time\n // for `ngOnChanges()`. This is necessary if we are already in a `digest`,
which means that\n // `ngOnChanges()` (which is called by a watcher) will run before the `observe()`
callback.\n let unwatch: Function|null = this.componentScope.$watch(() => {\n unwatch !();\n
unwatch = null;\n observeFn(attrs[input.attr]);\n });\n\n } else if (attrs.hasOwnProperty(input.bindAttr))
{\n expr =
attrs[input.bindAttr];\n } else if (attrs.hasOwnProperty(input.bracketAttr)) {\n expr =
attrs[input.bracketAttr];\n } else if (attrs.hasOwnProperty(input.bindonAttr)) {\n expr =
attrs[input.bindonAttr];\n } else if (attrs.hasOwnProperty(input.bracketParenAttr)) {\n expr =
attrs[input.bracketParenAttr];\n }\n if (expr != null) {\n const watchFn =\n (prop => (currValue:
any, prevValue: any) =>\n this.updateInput(prop, prevValue, currValue))(input.prop);\n
this.componentScope.$watch(expr, watchFn);\n }\n }\n\n // Invoke `ngOnChanges()` and Change Detection
(when necessary)\n const detectChanges = () => this.changeDetector.detectChanges();\n const prototype =
this.componentFactory.componentType.prototype;\n this.implementsOnChanges = !(prototype &&
(<OnChanges>prototype).ngOnChanges);\n\n this.componentScope.$watch(() => this.inputChangeCount,
this.wrapCallback(() => {\n // Invoke `ngOnChanges()`\n if (this.implementsOnChanges) {\n const
inputChanges = this.inputChanges;\n this.inputChanges = {};\n
(<OnChanges>this.component).ngOnChanges(inputChanges !);\n }\n\n
this.viewChangeDetector.markForCheck();\n\n // If opted out of propagating digests, invoke change detection
when inputs change.\n if (!propagateDigest) {\n detectChanges();\n }\n });\n\n // If not opted out of
propagating digests, invoke change detection on every digest\n if (propagateDigest) {\n
this.componentScope.$watch(this.wrapCallback(detectChanges));\n }\n\n // If necessary, attach the view so that
it will be dirty-checked.\n // (Allow time for the initial input values to be set and `ngOnChanges()` to be called.)\n
if (manuallyAttachView || !propagateDigest) {\n let unwatch: Function|null = this.componentScope.$watch(() =>
{\n unwatch !();\n unwatch = null;\n\n const appRef =
this.parentInjector.get<ApplicationRef>(ApplicationRef);\n
appRef.attachView(this.componentRef.hostView);\n });\n }\n }\n\n setupOutputs() {\n const attrs =
this.attrs;\n const outputs = this.componentFactory.outputs || [];\n for (let j = 0; j < outputs.length; j++) {\n
const output = new PropertyBinding(outputs[j].propName, outputs[j].templateName);\n const bindonAttr =
output.bindonAttr.substring(0, output.bindonAttr.length - 6);\n const bracketParenAttr =\n
`[${output.bracketParenAttr.substring(2, output.bracketParenAttr.length - 8)}]`; \n // order below is important -
first update bindings then evaluate expressions\n if (attrs.hasOwnProperty(bindonAttr)) {\n
this.subscribeToOutput(output, attrs[bindonAttr], true);\n }\n if (attrs.hasOwnProperty(bracketParenAttr)) {\n
this.subscribeToOutput(output, attrs[bracketParenAttr], true);\n }\n if
(attrs.hasOwnProperty(output.onAttr)) {\n this.subscribeToOutput(output, attrs[output.onAttr]);\n }\n if

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(attrs.hasOwnProperty(output.parenAttr)) {\n this.subscribeToOutput(output, attrs[output.parenAttr]);\n }\n}\n\n private subscribeToOutput(output: PropertyBinding, expr: string, isAssignment: boolean = false) {\n const getter = this.$parse(expr);\n const setter = getter.assign;\n if (isAssignment && !setter) {\n throw new Error('Expression `${expr}` is not assignable!');\n }\n const emitter = this.component[output.prop] as EventEmitter<any>;\n if (emitter) {\n emitter.subscribe({\n next: isAssignment ? (v: any) => setter\n !(this.scope, v) : (\n (v: any) => getter(this.scope, {'$event': v}))\n });\n } else {\n throw new Error(\n `Missing emitter '${output.prop}' on component\n '${getTypeName(this.componentFactory.componentType)}'`);\n }\n}\n\n registerCleanup() {\n const testabilityRegistry = this.componentRef.injector.get(TestabilityRegistry);\n const destroyComponentRef = this.wrapCallback(() => this.componentRef.destroy());\n let destroyed = false;\n\n this.element.on !('$destroy', () => this.componentScope.$destroy());\n this.componentScope.$on('$destroy', () => {\n if (!destroyed) {\n destroyed = true;\n testabilityRegistry.unregisterApplication(this.componentRef.location.nativeElement);\n destroyComponentRef();\n }\n });\n}\n\n getInjector(): Injector { return this.componentRef.injector; }\n\n private updateInput(prop: string, prevValue: any, currValue: any) {\n if (this.implementsOnChanges) {\n this.inputChanges[prop] = new SimpleChange(prevValue, currValue, prevValue === currValue);\n }\n this.inputChangeCount++;\n this.component[prop] = currValue;\n}\n\n groupProjectableNodes() {\n let ngContentSelectors = this.componentFactory.ngContentSelectors;\n return groupNodesBySelector(ngContentSelectors, this.element.contents !());\n}\n\n /**\n * Group a set of DOM nodes into `ngContent` groups, based on the given content selectors.\n */\n\n export function groupNodesBySelector(ngContentSelectors: string[], nodes: Node[]): Node[][] {\n const projectableNodes: Node[][] = [];\n let wildcardNgContentIndex: number;\n\n for (let i = 0, ii = ngContentSelectors.length; i < ii; ++i) {\n projectableNodes[i] = [];\n }\n\n for (let j = 0, jj = nodes.length; j < jj; ++j) {\n const node = nodes[jj];\n const ngContentIndex = findMatchingNgContentIndex(node, ngContentSelectors);\n if (ngContentIndex != null) {\n projectableNodes[ngContentIndex].push(node);\n }\n }\n\n return projectableNodes;\n}\n\n function findMatchingNgContentIndex(element: any, ngContentSelectors: string[]): number|null {\n const ngContentIndices: number[] = [];\n let wildcardNgContentIndex: number = -1;\n for (let i = 0; i < ngContentSelectors.length; i++) {\n const selector = ngContentSelectors[i];\n if (selector === '*') {\n wildcardNgContentIndex = i;\n } else {\n if (matchesSelector(element, selector)) {\n ngContentIndices.push(i);\n }\n }\n }\n\n ngContentIndices.sort();\n if (wildcardNgContentIndex !== -1) {\n ngContentIndices.push(wildcardNgContentIndex);\n }\n return ngContentIndices.length ? ngContentIndices[0] : null;\n}\n\n let _matches: (this: any, selector: string) => boolean;\n\n function matchesSelector(el: any, selector: string): boolean {\n if (!_matches) {\n const elProto = <any>Element.prototype;\n _matches = elProto.matches || elProto.matchesSelector || elProto.mozMatchesSelector || elProto.msMatchesSelector || elProto.oMatchesSelector || elProto.webkitMatchesSelector;\n }\n return el.nodeType === Node.ELEMENT_NODE ? _matches.call(el, selector) : false;\n}\n\n /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license\n */\n\n import {isFunction} from './util';\n\n export interface Thenable<T> {\n then(callback: (value: T) => any): any;\n}\n\n export function isThenable<T>(obj: unknown): obj is Thenable<T> {\n return !!obj && isFunction((obj as any).then);\n}\n\n /**\n * Synchronous, promise-like object.\n */\n\n export class SyncPromise<T> {\n protected value: T|undefined;\n private resolved = false;\n private callbacks: ((value: T) => unknown)[] = [];\n\n static all<T>(valuesOrPromises: (T|Thenable<T>][]): SyncPromise<T[]> {\n const aggrPromise = new SyncPromise<T[]>();\n let resolvedCount = 0;\n const results: T[] = [];\n const resolve = (idx: number, value: T) => {\n results[idx] = value;\n if (++resolvedCount === valuesOrPromises.length) aggrPromise.resolve(results);\n };\n\n valuesOrPromises.forEach((p, idx) => {\n if (isThenable(p)) {\n p.then(v => resolve(idx, v));\n } else {\n resolve(idx, p);\n }\n });\n\n return aggrPromise;\n }\n\n resolve(value: T): void {\n // Do nothing, if already resolved.\n if (this.resolved) return;\n\n this.value = value;\n this.resolved = true;\n\n // Run the queued callbacks.\n this.callbacks.forEach(callback => callback(value));\n this.callbacks.length = 0;\n }\n\n then(callback: (value: T)

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=> unknown): void {\n if (this.resolved) {\n callback(this.value !);\n } else {\n
this.callbacks.push(callback);\n }\n }\n\n",/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n
*\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n */\n\nimport {ComponentFactory, ComponentFactoryResolver, Injector, NgZone, Type}
from '@angular/core';\n\nimport {IAnnotatedFunction, IAttributes, IAugmentedJQuery, ICompileService,
IDirective, IInjectorService, INgModelController, IParseService, IScope} from './angular1';\n\nimport {$COMPILE,
$INJECTOR, $PARSE, INJECTOR_KEY, LAZY_MODULE_REF, REQUIRE_INJECTOR,
REQUIRE_NG_MODEL} from './constants';\n\nimport {DowngradeComponentAdapter} from
'./downgrade_component_adapter';\n\nimport {SyncPromise, Thenable} from './promise_util';\n\nimport
{LazyModuleRef, UpgradeAppType, controllerKey, getDowngradedModuleCount, getTypeName,
getUpgradeAppType, validateInjectionKey} from './util';\n\n\n/**\n * @description\n * A helper function that
allows an Angular component to be used from AngularJS.\n *\n * Part of the
[upgrade/static](api?query=upgrade%2Fstatic)\n * library for hybrid upgrade apps that support AOT compilation*\n
*\n * This helper function returns a factory function to be used for registering\n * an AngularJS wrapper directive
for \"downgrading\" an Angular component.\n *\n * @usageNotes\n * ### Examples\n *\n * Let's assume that you
have an Angular component called `ng2Heroes` that needs\n * to be made available in AngularJS templates.\n *\n *
{@example upgrade/static/ts/full/module.ts region=\"ng2-heroes\"}\n *\n * We must create an AngularJS
[directive](https://docs.angularjs.org/guide/directive)\n * that will make this Angular component available inside
AngularJS templates.\n *\n * The `downgradeComponent()` function returns a factory function that we\n * can use to
define the AngularJS directive that wraps the \"downgraded\" component.\n *\n * {@example
upgrade/static/ts/full/module.ts region=\"ng2-heroes-wrapper\"}\n *\n * For more details and examples on
downgrading Angular components to AngularJS components please\n * visit the [Upgrade
guide](guide/upgrade#using-angular-components-from-angularjs-code).\n *\n * @param info contains information
about the Component that is being downgraded:\n *\n * - `component: Type<any>`: The type of the Component that
will be downgraded\n *\n * - `downgradedModule?: string`: The name of the downgraded module (if any) that the
component\n * \"belongs to\", as returned by a call to `downgradeModule()`. It is the module, whose\n *
corresponding Angular module will be bootstrapped, when the component needs to be instantiated.\n *
\n *
(This option is only necessary when using `downgradeModule()` to downgrade more than one\n * Angular
module.)\n *\n * - `propagateDigest?: boolean`: Whether to perform { @link ChangeDetectorRef#detectChanges\n *
change detection} on the component on every\n *\n * [$digest](https://docs.angularjs.org/api/ng/type/$rootScope.Scope#$digest). If set to `false`,\n * change detection
will still be performed when any of the component's inputs changes.\n * (Default: true)\n *\n * @returns a factory
function that can be used to register the component in an\n * AngularJS module.\n *\n * @publicApi\n */\n\nexport
function downgradeComponent(info: {\n component: Type<any>;\n downgradedModule?: string;\n propagateDigest?:
boolean;\n /** @deprecated since v4. This parameter is no longer used */\n inputs?: string[];\n /** @deprecated
since v4. This parameter is no longer used */\n outputs?: string[];\n /** @deprecated since v4. This parameter is no
longer used */\n selectors?: string[];\n}): any /* angular.IInjectable */ {\n const directiveFactory:
IAnnotatedFunction = function(\n $compile: ICompileService, $injector: IInjectorService, $parse:
IParseService): IDirective {\n // When using `downgradeModule()`, we need to handle certain things specially. For
example:\n // - We always need to attach the component view to the `ApplicationRef` for it to be\n // dirty-
checked.\n // - We need to ensure callbacks to Angular APIs (e.g. change detection) are run inside the\n //
Angular zone.\n // NOTE: This is not needed, when using `UpgradeModule`, because `digest()` will be run\n
// inside the Angular zone (except if explicitly escaped, in which case we shouldn't\n // force it back
in).\n const isNgUpgradeLite = getUpgradeAppType($injector) === UpgradeAppType.Lite;\n const
wrapCallback: <T>(cb: () => T) => typeOf cb =\n !isNgUpgradeLite ? cb => cb : cb => () =>
NgZone.isInAngularZone() ? cb() : ngZone.run(cb);\n let ngZone: NgZone;\n\n // When downgrading multiple
modules, special handling is needed wrt injectors.\n const hasMultipleDowngradedModules =\n isNgUpgradeLite && (getDowngradedModuleCount($injector) > 1);\n\n return {\n restrict: 'E',\n terminal:

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true,\n require: [REQUIRE_INJECTOR, REQUIRE_NG_MODEL],\n link: (scope: IScope, element:
IAugmentedJQuery, attrs: IAttributes, required: any[]) => {\n // We might have to compile the contents
asynchronously, because this might have been\n // triggered by `UpgradeNg1ComponentAdapterBuilder`,
before the Angular templates have\n // been compiled.\n\n const ngModel: INgModelController =
required[1];\n const parentInjector: Injector|Thenable<Injector>|undefined = required[0];\n let
moduleInjector: Injector|Thenable<Injector>|undefined = undefined;\n let ranAsync = false;\n\n if
(!parentInjector || hasMultipleDowngradedModules) {\n const downgradedModule = info.downgradedModule
|| "";\n const lazyModuleRefKey = `${LAZY_MODULE_REF}${downgradedModule}`;\n const
attemptedAction = `instantiating component '${getTypeName(info.component)}';`\n\n validateInjectionKey($injector, downgradedModule, lazyModuleRefKey, attemptedAction);\n const
lazyModuleRef = $injector.get(lazyModuleRefKey) as LazyModuleRef;\n moduleInjector =
lazyModuleRef.injector || lazyModuleRef.promise as Promise<Injector>;\n }\n\n // Notes:\n /\n //
There are two injectors: `finalModuleInjector` and `finalParentInjector` (they might be\n // the same instance,
but that is irrelevant):\n // - `finalModuleInjector` is used to retrieve `ComponentFactoryResolver`, thus it must
be\n // on the same tree as the `NgModule` that declares this downgraded component.\n // -
`finalParentInjector` is used for all other injection purposes.\n // (Note that Angular knows to only traverse the
component-tree part of that injector,\n // when looking for an injectable and then switch to the module
injector.)\n /\n // There are basically three cases:\n // - If there is no parent component (thus no
`parentInjector`), we bootstrap the downgraded\n // `NgModule` and use its injector as both
`finalModuleInjector` and\n // `finalParentInjector`.\n // - If there is a parent component (and thus a
`parentInjector`) and we are sure that it\n // belongs to the same `NgModule` as this downgraded component
(e.g. because there is only\n // one downgraded module, we use that `parentInjector` as both
`finalModuleInjector` and\n // `finalParentInjector`.\n // - If there is a parent component, but it may belong
to a different `NgModule`, then we\n // use the `parentInjector` as `finalParentInjector` and this downgraded
component's\n // declaring `NgModule`'s injector as `finalModuleInjector`.\n // Note 1: If the
`NgModule` is already bootstrapped, we just get its injector (we don't\n // bootstrap again).\n // Note
2: It is possible that (while there are multiple downgraded modules) this\n // downgraded component and
its parent component both belong to the same NgModule.\n // In that case, we could have used the
`parentInjector` as both\n // `finalModuleInjector` and `finalParentInjector`, but (for simplicity) we are\n
// treating this case as if they belong to different `NgModule`s. That doesn't\n // really affect
anything, since `parentInjector` has `moduleInjector` as ancestor\n // and trying to resolve
`ComponentFactoryResolver` from either one will return\n // the same instance.\n\n // If there is a
parent component, use its injector as parent injector.\n // If this is a "top-level" Angular component, use the
module injector.\n const finalParentInjector = parentInjector || moduleInjector !;\n\n // If this is a "top-
level" Angular component or the parent component may belong to a\n // different `NgModule`, use the module
injector for module-specific dependencies.\n // If there is a parent component that belongs to the same
`NgModule`, use its injector.\n const finalModuleInjector = moduleInjector || parentInjector !;\n\n const
doDowngrade = (injector: Injector, moduleInjector: Injector) => {\n // Retrieve `ComponentFactoryResolver`
from the injector tied to the `NgModule` this\n // component belongs to.\n const
componentFactoryResolver: ComponentFactoryResolver =\n
moduleInjector.get(ComponentFactoryResolver);\n const componentFactory: ComponentFactory<any> =\n
componentFactoryResolver.resolveComponentFactory(info.component) !;\n\n if (!componentFactory) {\n
throw new Error(`Expecting ComponentFactory for: ${getTypeName(info.component)}`);\n }\n\n
const injectorPromise = new ParentInjectorPromise(element);\n const facade = new
DowngradeComponentAdapter(\n element, attrs, scope, ngModel, injector, $injector, $compile, $parse,\n
componentFactory, wrapCallback);\n const projectableNodes = facade.compileContents();\n
facade.createComponent(projectableNodes);\n facade.setupInputs(isNgUpgradeLite, info.propagateDigest);\n
facade.setupOutputs();\n facade.registerCleanup();\n

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injectorPromise.resolve(facade.getInjector());\n\n if (ranAsync) {\n // If this is run async, it is possible
that it is not run inside a\n // digest and initial input values will not be detected.\n scope.$evalAsync(()
=> {});\n }\n }\n const downgradeFn =\n !isNgUpgradeLite ? doDowngrade : (pInjector:
Injector, mInjector: Injector) => {\n if (!ngZone) {\n ngZone = pInjector.get(NgZone);\n }\n wrapCallback(() => doDowngrade(pInjector, mInjector));\n };\n // NOTE:\n // Not
using `ParentInjectorPromise.all()` (which is inherited from `SyncPromise`), because\n // Closure Compiler (or
some related tool) complains:\n // `TypeError: ...srcdowngrade_component_ParentInjectorPromise.all is not a
function`\n SyncPromise.all([finalParentInjector, finalModuleInjector])\n .then(([pInjector, mInjector])
=> downgradeFn(pInjector, mInjector));\n ranAsync = true;\n }\n };\n }\n // bracket-notation because
of closure - see #14441\n directiveFactory['$inject'] = [$COMPILE, $INJECTOR, $PARSE];\n return
directiveFactory;\n }\n\n /**\n * Synchronous promise-like object to wrap parent injectors,\n * to preserve the
synchronous nature of AngularJS's `$compile`.\n */\n class ParentInjectorPromise extends SyncPromise<Injector>
{\n private injectorKey: string = controllerKey(INJECTOR_KEY);\n constructor(private element:
IAugmentedJQuery) {\n super();\n // Store the promise on the element.\n element.data !(this.injectorKey,
this);\n }\n resolve(injector: Injector): void {\n // Store the real injector on the element.\n this.element.data
!(this.injectorKey, injector);\n // Release the element to prevent memory leaks.\n this.element = null !;\n //
Resolve the promise.\n super.resolve(injector);\n }\n }\n\n /**\n * @license\n * Copyright Google Inc. All Rights
Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n */\n import {Injector} from '@angular/core';\n import
{IInjectorService} from './angular1';\n import {$INJECTOR, INJECTOR_KEY} from './constants';\n import
{getTypeName, isFunction, validateInjectionKey} from './util';\n\n /**\n * @description\n * A helper function to
allow an Angular service to be accessible from AngularJS.\n */\n /**\n * Part of the
[upgrade/static](api?query=upgrade%2Fstatic)\n * library for hybrid upgrade apps that support AOT compilation*\n *
This helper function returns a factory function that provides access to the Angular\n * service identified by the
`token` parameter.\n * @usageNotes\n * ### Examples\n * First ensure that the service to be downgraded is
provided in an `NgModule`\n * that will be part of the upgrade application. For example, let's assume we have\n *
defined `HeroesService`\n * {\n * @example upgrade/static/ts/full/module.ts region=`ng2-heroes-service`\n * }\n *
and that we have included this in our upgrade app `NgModule`\n * {\n * @example upgrade/static/ts/full/module.ts
region=`ng2-module`\n * }\n * Now we can register the `downgradeInjectable` factory function for the service\n *
on an AngularJS module.\n * {\n * @example upgrade/static/ts/full/module.ts region=`downgrade-ng2-heroes-
service`\n * }\n * Inside an AngularJS component's controller we can get hold of the\n * downgraded service via the
name we gave when downgrading.\n * {\n * @example upgrade/static/ts/full/module.ts region=`example-app`\n * }\n *
<div class=`alert is-important`>\n * When using `downgradeModule()`, downgraded injectables will not
be available until the Angular\n * module that provides them is instantiated. In order to be safe, you need to ensure
that the\n * downgraded injectables are not used anywhere _outside_ the part of the app where it is\n * guaranteed
that their module has been instantiated.\n * For example, it is _OK_ to use a downgraded service in an
upgraded component that is only used\n * from a downgraded Angular component provided by the same Angular
module as the injectable, but\n * it is _not OK_ to use it in an AngularJS component that may be used
independently of Angular or\n * use it in a downgraded Angular component from a different module.\n */\n *
</div>\n * @param token an `InjectionToken` that identifies a service provided from Angular.\n * @param
downgradedModule the name of the downgraded module (if any) that the injectable\n * belongs to, as returned
by a call to `downgradeModule()`. It is the module, whose injector will\n * be used for instantiating the
injectable.
\n * (This option is only necessary when using `downgradeModule()` to downgrade more than one
Angular\n * module.)\n * @returns a [factory function](https://docs.angularjs.org/guide/di) that can be\n * used
to register the service on an AngularJS module.\n * @publicApi\n */\n * @next export function
downgradeInjectable(token: any, downgradedModule: string = ""): Function {\n const factory = function($injector:
IInjectorService) {\n const injectorKey = `${INJECTOR_KEY}${downgradedModule}`;\n const
injectableName = isFunction(token) ? getTypeName(token) : String(token);\n const attemptedAction =

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`instantiating injectable '${injectableName}';\n\n validateInjectionKey($injector, downgradedModule,
injectorKey, attemptedAction);\n\n const injector: Injector = $injector.get(injectorKey);\n return
injector.get(token);\n };\n (factory as any)['$inject'] = [$INJECTOR];\n\n return factory;\n }\n /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license
that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\n import {ElementRef, Injector,
SimpleChanges} from '@angular/core';\n import {DirectiveRequireProperty, IAugmentedJQuery,
ICloneAttachFunction, ICompileService, IController, IControllerService, IDirective, IHttpBackendService,
IInjectorService, ILinkFn, IScope, ITemplateCacheService, SingleOrListOrMap, element as angularElement} from
'./angular1';\n import {$COMPILE, $CONTROLLER, $HTTP_BACKEND, $INJECTOR, $TEMPLATE_CACHE}
from './constants';\n import {controllerKey, directiveNormalize, isFunction} from './util';\n\n // Constants\n const
REQUIRE_PREFIX_RE = /^(\\|\\^|\\^?)?(\\|?)?(\\|\\^|\\^?)?;/\n\n // Interfaces\n export interface IBindingDestination {\n
[key: string]: any;\n $onChanges?: (changes: SimpleChanges) => void;\n }\n\n export interface IControllerInstance
extends IBindingDestination {\n $doCheck?: () => void;\n $onDestroy?: () => void;\n $onInit?: () => void;\n
$postLink?: () => void;\n }\n\n // Classes\n export class UpgradeHelper {\n public readonly $injector:
IInjectorService;\n public readonly element: Element;\n public readonly $element: IAugmentedJQuery;\n public
readonly directive: IDirective;\n\n private readonly $compile: ICompileService;\n private readonly $controller:
IControllerService;\n\n constructor(\n private injector: Injector, private name: string, elementRef: ElementRef,\n directive?: IDirective) {\n this.$injector = injector.get($INJECTOR);\n this.$compile =
this.$injector.get($COMPILE);\n this.$controller = this.$injector.get($CONTROLLER);\n\n this.element =
elementRef.nativeElement;\n this.$element = angularElement(this.element);\n\n this.directive = directive ||
UpgradeHelper.getDirective(this.$injector, name);\n }\n\n static getDirective($injector: IInjectorService, name:
string): IDirective {\n const directives: IDirective[] = $injector.get(name + 'Directive');\n if (directives.length >
1) {\n throw new Error(`Only support single directive definition for: ${name}`);\n }\n\n const directive =
directives[0];\n\n // AngularJS will transform `link: xyz` to `compile: () => xyz`. So we can only tell there was a\n
// user-defined `compile` if there is no `link`. In other cases, we will just ignore `compile`.\n if (directive.compile
&& !directive.link) notSupported(name, 'compile');\n if (directive.replace) notSupported(name, 'replace');\n if
(directive.terminal) notSupported(name, 'terminal');\n\n return directive;\n }\n\n static getTemplate(\n
$injector: IInjectorService, directive: IDirective, fetchRemoteTemplate = false,\n $element?:
IAugmentedJQuery): string|Promise<string> {\n if (directive.template !== undefined) {\n return
getOrCall<string>(directive.template, $element);\n } else if (directive.templateUrl) {\n const $templateCache =
$injector.get($TEMPLATE_CACHE) as ITemplateCacheService;\n const url =
getOrCall<string>(directive.templateUrl, $element);\n const template = $templateCache.get(url);\n\n if
(template !== undefined) {\n return template;\n } else if (!fetchRemoteTemplate) {\n throw new
Error('loading directive templates asynchronously is not supported');\n }\n\n return new Promise((resolve,
reject) => {\n const $httpBackend = $injector.get($HTTP_BACKEND) as IHttpBackendService;\n $httpBackend('GET', url, null, (status: number, response: string) => {\n if (status === 200) {\n
resolve($templateCache.put(url, response));\n } else {\n reject(`GET component template from '${url}'
returned '${status}: ${response}`);\n }\n });\n })\n } else {\n throw new Error(`Directive
'${directive.name}' is not a component, it is missing template.`);\n }\n }\n\n buildController(controllerType:
IController, $scope: IScope) {\n // TODO: Document that we do not pre-assign bindings on the controller
instance.\n // Quoted properties below so that this code can be optimized with Closure Compiler.\n const locals =
{'$scope': $scope, '$element': this.$element};\n const controller = this.$controller(controllerType, locals, null,
this.directive.controllerAs);\n\n this.$element.data !(controllerKey(this.directive.name !), controller);\n\n return
controller;\n }\n\n compileTemplate(template?: string): ILinkFn {\n if (template === undefined) {\n template
= UpgradeHelper.getTemplate(this.$injector, this.directive, false, this.$element) as string;\n }\n\n return
this.compileHtml(template);\n }\n\n onDestroy($scope: IScope, controllerInstance?: any) {\n if
(controllerInstance && isFunction(controllerInstance.$onDestroy)) {\n controllerInstance.$onDestroy();\n }\n
 $scope.$destroy();\n\n // Clean the jQuery/jqLite data on the component+child elements.\n // Equivalent to how

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jQuery/jqLite invoke `cleanData` on an Element (this.element)\n //
https://github.com/jquery/jquery/blob/e743cbd28553267f955f71ea7248377915613fd9/src/manipulation.js#L223\n
// https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/jqLite.js#L306-
L312\n // `cleanData` will invoke the AngularJS `$destroy` DOM event\n //
https://github.com/angular/angular.js/blob/26ddc5f830f902a3d22f4b2aab70d86d4d688c82/src/Angular.js#L1911-
L1924\n angularElement.cleanData([this.element]);\n
angularElement.cleanData(this.element.querySelectorAll('*'));\n } \n\n prepareTransclusion(): ILinkFn|undefined
{\n const transclude = this.directive.transclude;\n const contentChildNodes = this.extractChildNodes();\n const
attachChildrenFn: ILinkFn = (scope, cloneAttachFn) => {\n // Since AngularJS v1.5.8, `cloneAttachFn` will try
to destroy the transclusion scope if\n // `$template` is empty. Since the transcluded content comes from Angular,
not AngularJS,\n // there will be no transclusion scope here.\n // Provide a dummy `scope.$destroy()` method
to prevent `cloneAttachFn` from throwing.\n scope = scope || {$destroy: () => undefined};\n return
cloneAttachFn !($template, scope);\n }; \n let $template = contentChildNodes;\n\n if (transclude) {\n const
slots = Object.create(null);\n\n if (typeof transclude === 'object') {\n $template = [];\n\n const slotMap =
Object.create(null);\n const filledSlots = Object.create(null);\n\n // Parse the element selectors.\n
Object.keys(transclude).forEach(slotName => {\n let selector = transclude[slotName];\n const optional =
selector.charAt(0) === '?';\n selector = optional ? selector.substring(1) : selector;\n\n slotMap[selector] =
slotName;\n slots[slotName] = null; // `null`: Defined but not yet filled.\n filledSlots[slotName] =
optional; // Consider optional slots as filled.\n });\n\n // Add the matching elements into their slot.\n
contentChildNodes.forEach(node => {\n const slotName =
slotMap[directiveNormalize(node.nodeName.toLowerCase)];\n if (slotName) {\n
filledSlots[slotName] = true;\n slots[slotName] = slots[slotName] || [];\n slots[slotName].push(node);\n
} else {\n $template.push(node);\n } \n });\n\n // Check for required slots that were not
filled.\n Object.keys(filledSlots).forEach(slotName => {\n if (!filledSlots[slotName]) {\n throw
new Error(`Required transclusion slot '${slotName}' on directive: ${this.name}`);\n } \n });\n\n
Object.keys(slots).filter(slotName => slots[slotName]).forEach(slotName => {\n const nodes =
slots[slotName];\n slots[slotName] = (scope: IScope, cloneAttach: ICloneAttachFunction) => {\n return
cloneAttach !(nodes, scope);\n }; \n }); \n\n // Attach `$$slots` to default slot transclude fn.\n
attachChildrenFn.$$slots = slots;\n\n // AngularJS v1.6+ ignores empty or whitespace-only transcluded text
nodes. But Angular\n // removes all text content after the first interpolation and updates it later, after\n //
evaluating the expressions. This would result in AngularJS failing to recognize text\n // nodes that start with an
interpolation as transcluded content and use the fallback\n // content instead.\n // To avoid this issue, we add
a\n // [zero-width non-joiner character](https://en.wikipedia.org/wiki/Zero-width_non-joiner)\n // to empty
text nodes (which can only be a result of Angular removing their initial content).\n // NOTE: Transcluded text
content that starts with whitespace followed by an interpolation\n // will still fail to be detected by AngularJS
v1.6+\n $template.forEach(node => {\n if (node.nodeType === Node.TEXT_NODE && !node.nodeValue)
{\n node.nodeValue = "\u200C";\n } \n }); \n\n return attachChildrenFn;\n } \n\n
resolveAndBindRequiredControllers(controllerInstance: IControllerInstance|null) {\n const directiveRequire =
this.getDirectiveRequire();\n const requiredControllers = this.resolveRequire(directiveRequire);\n\n if
(controllerInstance && this.directive.bindToController && isMap(directiveRequire)) {\n const
requiredControllersMap = requiredControllers as {[key: string]: IControllerInstance};\n
Object.keys(requiredControllersMap).forEach(key => {\n controllerInstance[key] =
requiredControllersMap[key];\n }); \n } \n\n return requiredControllers;\n } \n\n private compileHtml(html:
string): ILinkFn {\n this.element.innerHTML = html;\n return this.$compile(this.element.childNodes);\n } \n\n
private extractChildNodes(): Node[] {\n const childNodes: Node[] = [];\n let childNode: Node|null;\n\n while
(childNode = this.element.firstChild) {\n this.element.removeChild(childNode);\n
childNodes.push(childNode);\n } \n\n return childNodes;\n } \n\n private getDirectiveRequire():
DirectiveRequireProperty {\n const require = this.directive.require || (this.directive.controller &&

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this.directive.name) !;\n\n if (isMap(require)) {\n Object.keys(require).forEach(key => {\n const value =
require[key];\n const match = value.match(REQUIRE_PREFIX_RE) !;\n const name =
value.substring(match[0].length);\n if (!name) {\n require[key] = match[0] + key;\n }\n });\n}\n\n return require;\n }\n\n private resolveRequire(require: DirectiveRequireProperty, controllerInstance?:
any):\n SingleOrListOrMap<IControllerInstance>|null {\n if (!require) {\n return null;\n } else if
(Array.isArray(require)) {\n return require.map(req => this.resolveRequire(req));\n } else if (typeof require
=== 'object') {\n const value: {[key: string]: IControllerInstance} = {};\n Object.keys(require).forEach(key =>
value[key] = this.resolveRequire(require[key]) !);\n return value;\n } else if (typeof require === 'string') {\n
const match = require.match(REQUIRE_PREFIX_RE) !;\n const inheritType = match[1] || match[3];\n\n const name = require.substring(match[0].length);\n const isOptional = !!match[2];\n const searchParents =
!!inheritType;\n const startOnParent = inheritType === '^';\n\n const ctrlKey = controllerKey(name);\n const elem = startOnParent ? this.$element.parent !() : this.$element;\n const value = searchParents ?
elem.inheritedData !(ctrlKey) : elem.data !(ctrlKey);\n\n if (!value && !isOptional) {\n throw new Error(\n
`Unable to find required '${require}' in upgraded directive '${this.name}'.`);\n }\n\n return value;\n }
else {\n throw new Error(\n `Unrecognized 'require' syntax on upgraded directive '${this.name}':
${require}`);\n }\n}\n\nfunction getOrCall<T>(property: T | Function, ...args: any[]): T {\n return
isFunction(property) ? property(...args) : property;\n}\n\n// NOTE: Only works for `typeof T !== 'object'.\nfunction
isMap<T>(value: SingleOrListOrMap<T>): value is {[key: string]: T} {\n return value && !Array.isArray(value)
&& typeof value === 'object';\n}\n\nfunction notSupported(name: string, feature: string) {\n throw new
Error(`Upgraded directive '${name}' contains unsupported feature: '${feature}'.`);\n}\n\n"/**\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport {Directive, DoCheck, ElementRef,
EventEmitter, Inject, Injector, OnChanges, OnDestroy, OnInit, SimpleChange, SimpleChanges, Type} from
'@angular/core';\n\nimport {IAttributes, IDirective, IDirectivePrePost, IInjectorService, ILinkFn, IScope,
ITranscludeFunction} from '../common/src/angular';\n\nimport {$SCOPE} from
'../common/src/constants';\n\nimport {IBindingDestination, IControllerInstance, UpgradeHelper} from
'../common/src/upgrade_helper';\n\nimport {isFunction, strictEquals} from '../common/src/util';\n\nconst
CAMEL_CASE = /([A-Z])/g;\nconst INITIAL_VALUE = {\n __UNINITIALIZED__: true\n};\nconst
NOT_SUPPORTED: any = 'NOT_SUPPORTED';\n\nexport class UpgradeNg1ComponentAdapterBuilder {\n //
TODO(issue/24571): remove '!.\n type!: Type<any>;\n inputs: string[] = [];\n inputsRename: string[] = [];\n
outputs: string[] = [];\n outputsRename: string[] = [];\n propertyOutputs: string[] = [];\n checkProperties: string[] =
[];\n propertyMap: {[name: string]: string} = {};\n directive: IDirective|null = null;\n // TODO(issue/24571):
remove '!.\n template!: string;\n\n constructor(public name: string) {\n const selector =\n
name.replace(CAMEL_CASE, (all: string, next: string) => '-' + next.toLowerCase());\n const self = this;\n\n //
Note: There is a bug in TS 2.4 that prevents us from\n // inlining this into @Directive\n // TODO(tbosch): find or
file a bug against TypeScript for this.\n const directive = {selector: selector, inputs: this.inputsRename, outputs:
this.outputsRename};\n\n @Directive({jit: true, ...directive})\n class MyClass extends
UpgradeNg1ComponentAdapter implements OnInit, OnChanges, DoCheck,\n OnDestroy {\n constructor(@Inject($SCOPE) scope: IScope, injector: Injector, elementRef: ElementRef) {\n super(\n
new UpgradeHelper(injector, name, elementRef, self.directive || undefined), scope,\n self.template,
self.inputs, self.outputs, self.propertyOutputs, self.checkProperties,\n self.propertyMap) as any;\n }\n\n
 this.type = MyClass;\n }\n\n extractBindings() {\n const btcIsObject = typeof this.directive != 'bindToController
=== 'object';\n if (btcIsObject && Object.keys(this.directive !.scope !).length) {\n throw new Error(\n
`Binding definitions on scope and controller at the same time are not supported.`);\n }\n\n const context =
(btcIsObject) ? this.directive !.bindToController : this.directive !.scope;\n\n if (typeof context === 'object') {\n
Object.keys(context).forEach(propName => {\n const definition = context[propName];\n const
bindingType = definition.charAt(0);\n const bindingOptions = definition.charAt(1);\n const attrName =
definition.substring(bindingOptions === '?' ? 2 : 1) || propName;\n\n // QUESTION: What about `=*`? Ignore?

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Throw? Support?
const inputName = `input_${attrName}`;
const inputNameRename =
`${inputName}: ${attrName}`;
const outputName = `output_${attrName}`;
const outputNameRename =
`${outputName}: ${attrName}`;
const outputNameRenameChange = `${outputNameRename}Change`;

switch (bindingType) {
 case '@':
 case '<':
 this.inputs.push(inputName);
 this.inputsRename.push(inputNameRename);
 this.propertyMap[inputName] = propName;
 break;
 case '=':
 this.inputs.push(inputName);
 this.inputsRename.push(inputNameRename);
 this.propertyMap[inputName] = propName;
 this.outputs.push(outputName);
 this.outputsRename.push(outputNameRenameChange);
 this.propertyMap[outputName] = propName;
 this.checkProperties.push(propName);
 this.propertyOutputs.push(outputName);
 break;
 case '&':
 this.outputs.push(outputName);
 this.outputsRename.push(outputNameRename);
 this.propertyMap[outputName] = propName;
 break;
 default:
 let json =
JSON.stringify(context);
 throw new Error(`Unexpected mapping '${bindingType}' in '${json}'
in '${this.name}' directive.`);
}

exportedComponents: {[name: string]: UpgradeNg1ComponentAdapterBuilder},
@Injector: IInjectorService): Promise<string[]> {
 const promises = Object.keys(exportedComponents).map(name => {
 const exportedComponent = exportedComponents[name];
 exportedComponent.directive =
UpgradeHelper.getDirective($injector, name);
 exportedComponent.extractBindings();
 return Promise.resolve(
UpgradeHelper.getTemplate($injector, exportedComponent.directive, true))
 .then(template =>
exportedComponent.template = template);
 });
 return Promise.all(promises);
}

UpgradeNg1ComponentAdapter implements OnInit, OnChanges, DoCheck {
 private controllerInstance:
IControllerInstance|null = null;
 destinationObj: IBindingDestination|null = null;
 checkLastValues: any[] = [];
 directive: IDirective;
 element: Element;
 $element: any = null;
 componentScope: IScope;

 constructor(
 private helper: UpgradeHelper,
 scope: IScope,
 private template: string,
 private inputs: string[],
 private outputs:
string[],
 private propOuts: string[],
 private checkProperties: string[],
 private propertyMap: {[key: string]:
string}) {
 this.directive = helper.directive;
 this.element = helper.element;
 this.$element =
helper.$element;
 this.componentScope = scope.$new(!this.directive.scope);
 const controllerType =
this.directive.controller;
 if (this.directive.bindToController && controllerType) {
 this.controllerInstance =
this.helper.buildController(controllerType, this.componentScope);
 this.destinationObj =
this.controllerInstance;
 } else {
 this.destinationObj = this.componentScope;
 }
 for (let i = 0; i <
inputs.length; i++) {
 (this as any)[inputs[i]] = null;
 }
 for (let j = 0; j < outputs.length; j++) {
 const
emitter = (this as any)[outputs[j]] = new EventEmitter<any>();
 if (this.propOuts.indexOf(outputs[j]) === -1) {
 this.setComponentProperty(
outputs[j], (emitter => (value: any) =>
emitter.emit(value)))(emitter);
 }
 }
 for (let k = 0; k < propOuts.length; k++) {
 this.checkLastValues.push(INITIAL_VALUE);
 }
 }

 ngOnInit() {
 // Collect contents, insert and
compile template
 const attachChildNodes: ILinkFn|undefined = this.helper.prepareTransclusion();
 const
linkFn = this.helper.compileTemplate(this.template);
 // Instantiate controller (if not already done so)
 const
controllerType = this.directive.controller;
 const bindToController = this.directive.bindToController;
 if
(controllerType && !bindToController) {
 this.controllerInstance = this.helper.buildController(controllerType,
this.componentScope);
 }
 // Require other controllers
 const requiredControllers =
this.helper.resolveAndBindRequiredControllers(this.controllerInstance);
 // Hook: $onInit
 if
(this.controllerInstance && isFunction(this.controllerInstance.$onInit)) {
 this.controllerInstance.$onInit();
 }
 // Linking
 const link = this.directive.link;
 const preLink =
typeof link === 'object' && link.pre;
 const postLink =
typeof link === 'object' ? link.post : link;
 const attrs: IAttributes = NOT_SUPPORTED;
 const transcludeFn: ITranscludeFunction = NOT_SUPPORTED;
 if (preLink) {
 preLink(this.componentScope, this.$element, attrs,
requiredControllers, transcludeFn);
 }
 linkFn(this.componentScope, null, {parentBoundTranscludeFn:
attachChildNodes});
 if (postLink) {
 postLink(this.componentScope, this.$element, attrs,
requiredControllers, transcludeFn);
 }
 // Hook:
$postLink
 if (this.controllerInstance && isFunction(this.controllerInstance.$postLink)) {

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this.controllerInstance.$postLink();\n }\n }\n\n ngOnChanges(changes: SimpleChanges) {\n const ng1Changes:\n any = {};\n Object.keys(changes).forEach(name => {\n const change: SimpleChange = changes[name];\n this.setComponentProperty(name, change.currentValue);\n ng1Changes[this.propertyMap[name]] = change;\n });\n\n if (isFunction(this.destinationObj !.$onChanges)) {\n this.destinationObj !.$onChanges\n !(ng1Changes);\n }\n }\n\n ngDoCheck() {\n const destinationObj = this.destinationObj;\n const lastValues =\n this.checkLastValues;\n const checkProperties = this.checkProperties;\n const propOuts = this.propOuts;\n checkProperties.forEach((propName, i) => {\n const value = destinationObj ![propName];\n const last =\n lastValues[i];\n if (!strictEquals(last, value)) {\n const eventEmitter: EventEmitter<any> = (this as\n any)[propOuts[i];\n eventEmitter.emit(lastValues[i] = value);\n }\n });\n\n if (this.controllerInstance &&\n isFunction(this.controllerInstance.$doCheck)) {\n this.controllerInstance.$doCheck();\n }\n }\n\n ngOnDestroy() { this.helper.onDestroy(this.componentScope, this.controllerInstance); }\n\n setComponentProperty(name: string, value: any) {\n this.destinationObj ![this.propertyMap[name]] = value;\n }\n}\n\n", /*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is\n governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nimport { Compiler, CompilerOptions, Injector, NgModule, NgModuleRef, NgZone, StaticProvider, Testability,\n Type, isDevMode, resolveForwardRef } from '@angular/core';\nimport { platformBrowserDynamic } from\n '@angular/platform-browser-dynamic';\nimport { IAngularBootstrapConfig, IAugmentedJQuery, IInjectorService,\n IModule, IProvideService, IRootScopeService, ITestabilityService, bootstrap, element as angularElement, module_\n as angularModule } from '../common/src/angular1';\nimport { $TESTABILITY, $COMPILE, $INJECTOR,\n $ROOT_SCOPE, COMPILER_KEY, INJECTOR_KEY, LAZY_MODULE_REF, NG_ZONE_KEY,\n UPGRADE_APP_TYPE_KEY } from '../common/src/constants';\nimport { downgradeComponent } from\n '../common/src/downgrade_component';\nimport { downgradeInjectable } from\n '../common/src/downgrade_injectable';\nimport { Deferred, LazyModuleRef, UpgradeAppType, controllerKey,\n onError } from '../common/src/util';\nimport { UpgradeNg1ComponentAdapterBuilder } from\n './upgrade_ng1_adapter';\n\nlet upgradeCount: number = 0;\n\n * Use `UpgradeAdapter` to allow AngularJS\n and Angular to coexist in a single application.\n * The `UpgradeAdapter` allows:\n * 1. creation of Angular\n component from AngularJS component directive\n * (See [UpgradeAdapter#upgradeNg1Component()])\n * 2.\n creation of AngularJS directive from Angular component.\n * (See\n [UpgradeAdapter#downgradeNg2Component()])\n * 3. Bootstrapping of a hybrid Angular application which\n contains both of the frameworks\n * coexisting in a single application.\n *\n * @usageNotes\n * ### Mental\n Model\n *\n * When reasoning about how a hybrid application works it is useful to have a mental model which\n * describes what is happening and explains what is happening at the lowest level.\n *\n * 1. There are two independent\n frameworks running in a single application, each framework treats\n * the other as a black box.\n * 2. Each DOM\n element on the page is owned exactly by one framework. Whichever framework\n * instantiated the element is the\n owner. Each framework only updates/interacts with its own\n * DOM elements and ignores others.\n * 3.\n AngularJS directives always execute inside AngularJS framework codebase regardless of\n * where they are\n instantiated.\n * 4. Angular components always execute inside Angular framework codebase regardless of\n * where they are\n instantiated.\n * 5. An AngularJS component can be upgraded to an Angular component. This creates\n an\n * Angular directive, which bootstraps the AngularJS component directive in that location.\n * 6. An Angular\n component can be downgraded to an AngularJS component directive. This creates\n * an AngularJS directive,\n which bootstraps the Angular component in that location.\n * 7. Whenever an adapter component is instantiated the\n host element is owned by the framework\n * doing the instantiation. The other framework then instantiates and\n owns the view for that\n * component. This implies that component bindings will always follow the semantics of\n the\n * instantiation framework. The syntax is always that of Angular syntax.\n * 8. AngularJS is always\n bootstrapped first and owns the bottom most view.\n * 9. The new application is running in Angular zone, and\n therefore it no longer needs calls to\n * `$apply()`.\n *\n * ### Example\n *\n * ```\n * const adapter = new\n UpgradeAdapter(forwardRef(() => MyNg2Module), myCompilerOptions);\n * const module =\n angular.module('myExample', []);\n * module.directive('ng2Comp',

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adapter.downgradeNg2Component(Ng2Component));\n *\n * module.directive('ng1Hello', function() {\n * return
{\n * scope: { title: '=' },\n * template: 'ng1[Hello {{{title}}}]()\n * };\n * });\n
*\n *\n * @Component({\n * selector: 'ng2-comp',\n * inputs: ['name'],\n * template: 'ng2[<ng1-hello
[title]="name">transclude</ng1-hello>(<ng-content></ng-content>)',\n * directives:\n * })\n * class
Ng2Component {\n * }\n *\n * @NgModule({\n * declarations: [Ng2Component,
adapter.upgradeNg1Component('ng1Hello')],\n * imports: [BrowserModule]\n * })\n * class MyNg2Module {\n
*\n *\n * document.body.innerHTML = '<ng2-comp name="World">project</ng2-comp>';\n *\n *
adapter.bootstrap(document.body, ['myExample']).ready(function() {\n *
expect(document.body.textContent).toEqual(\n * '\n * <ng2[ng1[Hello World!](transclude)](project)</ng2>';\n * });\n *
*\n *\n * @deprecated Deprecated since v5. Use `upgrade/static` instead, which also supports\n * [Ahead-of-
Time compilation](guide/aot-compiler).\n * @publicApi\n * ^\n * export class UpgradeAdapter {\n * private idPrefix:
string = `NG2_UPGRADE_${upgradeCount++}_`;\n * private downgradedComponents: Type<any>[] = [];\n * /**\n
* An internal map of ng1 components which need to be upgraded to ng2.\n * We can't upgrade until injector
is instantiated and we can retrieve the component metadata.\n * For this reason we keep a list of components to
upgrade until ng1 injector is bootstrapped.\n * @internal\n * ^\n * private ng1ComponentsToBeUpgraded:
{[name: string]: UpgradeNg1ComponentAdapterBuilder} = {};\n * private upgradedProviders: StaticProvider[] =
[];\n * // TODO(issue/24571): remove '!'.\n * private ngZone!: NgZone;\n * // TODO(issue/24571): remove '!'.\n
* private ng1Module!: IModule;\n * private moduleRef: NgModuleRef<any>|null = null;\n * // TODO(issue/24571):
remove '!'.\n * private ng2BootstrapDeferred!: Deferred<IInjectorService>;\n * constructor(private ng2AppModule:
Type<any>, private compilerOptions?: CompilerOptions) {\n * if (!ng2AppModule) {\n * throw new Error(\n
* 'UpgradeAdapter cannot be instantiated without an NgModule of the Angular app.);\n * }\n * }\n * /**\n
* Allows Angular Component to be used from AngularJS.\n * Use `downgradeNg2Component` to create an AngularJS
Directive Definition Factory from\n * Angular Component. The adapter will bootstrap Angular component from
within the\n * AngularJS template.\n * @usageNotes\n * ### Mental Model\n * 1. The component is
instantiated by being listed in AngularJS template. This means that the\n * host element is controlled by
AngularJS, but the component's view will be controlled by\n * Angular.\n * 2. Even though the component is
instantiated in AngularJS, it will be using Angular\n * syntax. This has to be done, this way because we must
follow Angular components do not\n * declare how the attributes should be interpreted.\n * 3. `ng-model` is
controlled by AngularJS and communicates with the downgraded Angular component\n * by way of the
`ControlValueAccessor` interface from @angular/forms. Only components that\n * implement this interface are
eligible.\n * \n * ### Supported Features\n * - Bindings:\n * - Attribute: `<comp name="World">\n *
- Interpolation: `<comp greeting="Hello {{{name}}}">\n * - Expression: `<comp [name]="username">\n *
- Event: `<comp (close)="doSomething()">\n * - ng-model: `<comp ng-model="name">\n * - Content
projection: yes\n * \n * ### Example\n * \n * \n * const adapter = new UpgradeAdapter(forwardRef(() =>
MyNg2Module));\n * const module = angular.module('myExample', []);\n * module.directive('greet',
adapter.downgradeNg2Component(Greeter));\n * \n * @Component({\n * selector: 'greet',\n * template:
'{{salutation}} {{{name}}}' - <ng-content></ng-content>\n * })\n * class Greeter {\n * @Input() salutation:
string;\n * @Input() name: string;\n * }\n * \n * @NgModule({\n * declarations: [Greeter],\n * imports:
[BrowserModule]\n * })\n * class MyNg2Module {\n * }\n * \n * document.body.innerHTML =\n * 'ng1
template: <greet salutation="Hello" [name]="world">text</greet>';\n * \n * adapter.bootstrap(document.body,
['myExample']).ready(function() {\n * expect(document.body.textContent).toEqual('\n * ng1 template: Hello world! -
text');\n * });\n * \n * \n * ^\n * downgradeNg2Component(component: Type<any>): Function {\n
this.downgradedComponents.push(component);\n * return downgradeComponent({component});\n * }\n * /**\n
* Allows AngularJS Component to be used from Angular.\n * Use `upgradeNg1Component` to create an
Angular component from AngularJS Component\n * directive. The adapter will bootstrap AngularJS component
from within the Angular\n * template.\n * @usageNotes\n * ### Mental Model\n * 1. The
component is instantiated by being listed in Angular template. This means that the\n * host element is controlled
by Angular, but the component's view will be controlled by\n * AngularJS.\n * \n * ### Supported Features\n

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*\n * - Bindings:\n * - Attribute: `<comp name="World">\n * - Interpolation: `<comp greeting="Hello
{{name}}!>\n * - Expression: `<comp [name]="username">\n * - Event: `<comp
(close)="doSomething()">\n * - Transclusion: yes\n * - Only some of the features of\n * [Directive
Definition Object](https://docs.angularjs.org/api/ng/service/$compile) are\n * supported:\n * - `compile`: not
supported because the host element is owned by Angular, which does\n * not allow modifying DOM structure
during compilation.\n * - `controller`: supported. (NOTE: injection of `$attrs` and `$transclude` is not
supported.)\n * - `controllerAs`: supported.\n * - `bindToController`: supported.\n * - `link`: supported.
(NOTE: only pre-link function is supported.)\n * - `name`: supported.\n * - `priority`: ignored.\n * -
replace`: not supported.\n * - `require`: supported.\n * - `restrict`: must be set to 'E'.\n * - `scope`:
supported.\n * - `template`: supported.\n * - `templateUrl`: supported.\n * - `terminal`: ignored.\n * -
transclude`: supported.\n *
*\n * ### Example\n *
*\n * ``\n * const adapter = new
UpgradeAdapter(forwardRef(() => MyNg2Module));\n * const module = angular.module('myExample', []);\n *
*\n * module.directive('greet', function() {\n * return {\n * scope: {salutation: '=', name: '='},\n * template:
'{{salutation}} {{name}}! - \n * };}\n * });\n *
*\n * module.directive('ng2',
adapter.downgradeNg2Component(Ng2Component));\n *
*\n * @Component({\n * selector: 'ng2',\n *
template: 'ng2 template: <greet salutation="Hello" [name]="world">text</greet>\n * })\n * class
Ng2Component {\n * }\n *
*\n * @NgModule({\n * declarations: [Ng2Component,
adapter.upgradeNg1Component('greet')],\n * imports: [BrowserModule]\n * })\n * class MyNg2Module {\n *
*\n * document.body.innerHTML = '<ng2></ng2>';\n *
*\n * adapter.bootstrap(document.body,
['myExample']).ready(function() {\n * expect(document.body.textContent).toEqual("\n * ng2 template: Hello world! -
text");\n * });\n *
*\n *
*\n * ^\n * upgradeNg1Component(name: string): Type<any> {\n * if
((<any>this.ng1ComponentsToBeUpgraded).hasOwnProperty(name)) {\n * return
this.ng1ComponentsToBeUpgraded[name].type;\n * } else {\n * return (this.ng1ComponentsToBeUpgraded[name]
= new UpgradeNg1ComponentAdapterBuilder(name)).type;\n * }\n * }\n *
*\n * Registers the adapter's
AngularJS upgrade module for unit testing in AngularJS.\n * Use this instead of `angular.mock.module()` to load
the upgrade module into\n * the AngularJS testing injector.\n *
*\n * @usageNotes\n * ### Example\n *
*\n * ``\n * const upgradeAdapter = new UpgradeAdapter(MyNg2Module);\n *
*\n * // configure the adapter with
upgrade/downgrade components and services\n * upgradeAdapter.downgradeNg2Component(MyComponent);\n *
*\n * let upgradeAdapterRef: UpgradeAdapterRef;\n * let $compile, $rootScope;\n *
*\n * // We must register
the adapter before any calls to `inject()`\n * beforeEach(() => {\n * upgradeAdapterRef =
upgradeAdapter.registerForNg1Tests(['heroApp']);\n * });\n *
*\n * beforeEach(inject((_ $compile_,
$rootScope) => {\n * $compile = _ $compile_;\n * $rootScope = _ $rootScope_;\n * }));\n *
*\n * it("says
hello", (done) => {\n * upgradeAdapterRef.ready(() => {\n * const element = $compile("<my-
component></my-component>")($rootScope);\n * $rootScope.$apply();\n *
*\n * expect(element.html()).toContain("Hello World");\n * done();\n * });\n * });\n *
*\n *
*\n *
*\n * @param modules any AngularJS modules that the upgrade module should depend upon\n * @returns an
`UpgradeAdapterRef`, which lets you register a `ready()` callback to\n * run assertions once the Angular
components are ready to test through AngularJS.\n *
*\n * registerForNg1Tests(modules?: string[]):
UpgradeAdapterRef {\n * const windowNgMock = (window as any)['angular'].mock;\n * if (!windowNgMock ||
!windowNgMock.module) {\n * throw new Error('Failed to find `angular.mock.module`');\n * }\n *
*\n * this.declareNg1Module(modules);\n * windowNgMock.module(this.ng1Module.name);\n * const upgrade = new
UpgradeAdapterRef();\n * this.ng2BootstrapDeferred.promise.then((\n * ng1Injector) => {\n *
(<any>upgrade)._bootstrapDone(this.moduleRef, ng1Injector); }, onError);\n * return upgrade;\n * }\n *
*\n *
*\n * Bootstrap a hybrid AngularJS / Angular application.\n *
*\n * This `bootstrap` method is a direct replacement (takes
same arguments) for AngularJS\n * [bootstrap](https://docs.angularjs.org/api/ng/function/angular.bootstrap)
method. Unlike\n * AngularJS, this bootstrap is asynchronous.\n *
*\n * @usageNotes\n * ### Example\n *
*\n * ``\n * const adapter = new UpgradeAdapter(MyNg2Module);\n * const module =
angular.module('myExample', []);\n * module.directive('ng2', adapter.downgradeNg2Component(Ng2));\n *
*\n *

```





```

promise on the element\n element.data !(controllerKey(INJECTOR_KEY), this);\n }\n\n then(callback: (injector:
Injector) => any) {\n if (this.injector) {\n callback(this.injector);\n } else {\n
this.callbacks.push(callback);\n }\n }\n\n resolve(injector: Injector) {\n this.injector = injector;\n\n // reset the
element data to point to the real injector\n this.element.data !(controllerKey(INJECTOR_KEY), injector);\n\n //
clean out the element to prevent memory leaks\n this.element = null !;\n\n // run all the queued callbacks\n
this.callbacks.forEach((callback) => callback(injector));\n this.callbacks.length = 0;\n }\n\n\n\n\n\n * Use
`UpgradeAdapterRef` to control a hybrid AngularJS / Angular application.\n * \n * @deprecated Deprecate since
v5. Use `upgrade/static` instead, which also supports\n * [Ahead-of-Time compilation](guide/aot-compiler).\n *
@publicApi\n * \n\nexport class UpgradeAdapterRef {\n /* @internal */\n private _readyFn: ((upgradeAdapterRef:
UpgradeAdapterRef) => void)|null = null;\n\n public ng1RootScope: IRootScopeService = null !;\n public
ng1Injector: IInjectorService = null !;\n public ng2ModuleRef: NgModuleRef<any> = null !;\n public ng2Injector:
Injector = null !;\n\n /* @internal */\n private _bootstrapDone(ngModuleRef: NgModuleRef<any>, ng1Injector:
IInjectorService) {\n this.ng2ModuleRef = ngModuleRef;\n this.ng2Injector = ngModuleRef.injector;\n
this.ng1Injector = ng1Injector;\n this.ng1RootScope = ng1Injector.get($ROOT_SCOPE);\n this._readyFn &&
this._readyFn(this);\n }\n\n /**\n * Register a callback function which is notified upon successful hybrid
AngularJS / Angular\n * application has been bootstrapped.\n * \n * The `ready` callback function is invoked
inside the Angular zone, therefore it does not\n * require a call to `$apply()`. \n * \n public ready(fn:
(upgradeAdapterRef: UpgradeAdapterRef) => void) { this._readyFn = fn; }\n\n /**\n * Dispose of running hybrid
AngularJS / Angular application.\n * \n public dispose() {\n this.ng1Injector
!.get($ROOT_SCOPE).$destroy();\n this.ng2ModuleRef !.destroy();\n }\n\n "/\n\n\n\n\n * Generated bundle index.
Do not edit.\n * \n\nexport * from
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AU;;;gCAAE,MAAM,WAAW,CAAA,EAAC;4BACnD,EAAC,OAAO,EAAE,QAAQ,EAAE,UAAU;;;gCAAE,MAAM,WAAW,CAAC,GAAG,CAAC,QAAQ,CAAC,CAAA,EAAC;4BACH E,IAAI,CAAC,iBAAiB;yBACvB;wBACD,OAAO,EAAE,CAAC,iBAAiB,CAAC,IAAI,CAAC,YAAY,CAAC,CAAC;wBAC/C,eAAe,EAAE,IAAI,CAAC,oBAAoB;qBAC3C;;;oBAGD,MACM,sBAAsB;wBAC1B;yBAAGB;;;wBACHb,aAAa,MAAK;;;gCAHnB,QAAQ,yBAAE,GAAG,EAAE,IAAI,IAAK,QAAQ;;;oBAKjC,WAAW;yBACN,eAAe,CACZ,sBAAsB,EAAE,oBAAC,IAAI,CAAC,eAAe,IAAI,EAAC,MAAM,EAAE,IAAI,CAAC,MAAM,EAAC,CAAC,CAAC;yBAC3E,IAAI;;;oBAAC,CAAC,GAAqB;wBAC1B,IAAI,CAAC,SAAS,GAAG,GAAG,CAAC;wBACrB,IAAI,CAAC,MAAM,CAAC,GAA G;;;wBAAC;4BACd,IAAI,kBAaKB,EAAE;gCACtB,kBAaKB,CAAC,MAAM,GAAG,gBAAGB,CAAC;gCAC7C,OAAO,cAAc,CAAC,MAAM,EAAE;oCAC5B,SAAS,CAAC,MAAM,CAAC,cAAc,CAAC,KAaK,EAAE,CAAC,CAAC;iCAC1C;gCACD,kBAaKB,GAAG,IAAI,CAAC;6BAC3B;yBACF,EAAC,CAAC;qBACJ,EAAC;yBACD,IAAI;;;oBAAC,MAAM,IAAI,CAAC,oBAAoB,CAAC,OAAO,CAAC,WAAW,CAAC,GAAE,OAAO,CAAC;yBACnE,IAAI;;;oBAAC;;4BACA,YAAY,GAAG,IAAI,CAAC,MAAM,CAAC,gBAAGB,CAAC,SAAS,CAAC;4BACxD,IAAI;;;4BAAE;gCACJ,IAAI,SAAS,CAAC,OAAO,EAAE;oCACrB,IAAI,SAAS,EAAE,EAAE;wCACf,OAAO,CAAC,IAAI,CACR,wIAAwI,CAAC,CAAC;qCAC/I;oCAED,OAAO,SAAS,CAAC,UAAU;;;oCAAC,SAAQ,EAAC,CAAC;iCACvC;gCAED,OAAO,SAAS,CAAC,OAAO,EAAE,CAAC;6BAC5B,CAAA;yBACF,CAAC;wBACF,SAAS,CAAC,GAAG,CAAC,UAAU;;;wBAAE,QAAQ,YAAY,CAAC,WAAW,EAAE,CAAC,EAAE,EAAC,CAAC;qBACIE,EAAC,CAAC;iBACR,EAAC;qBACD,KAaK;;;gBAAC,CAAC,CAAC,KAaK,IAAI,CAAC,oBAAoB,CAAC,MAAM,CAAC,CAAC,CAAC,EAAC,CAAC;aACxD;SACF,CAAC,CAAC;QAEH,OAAO,SAAS,CAAC;KACIB;CACF;;;;;IAvgBC,kCAA4D;;;;;IAC5D,8CAA+C;;;;;IAS/C,mDAA4F;;;;;IAC5F,2CAAiD;;;;;IAEjD,gCAAYB;;;;;IAEzB,mCAA6B;;;;;IAC7B,mCAAGD;;;;;IAEhD,8CAA2D;;;;;IAE/C,sCAA+B;;;;;IAAE,yCAAYC;;;;;AAyfxF,MAAMC,uBAAqB;;;;;IAKzB,YAAoB,OAAyB;QAAzB,YAAO,GAAP,OAAO,CAaKB;QAFrC,cAAS,GAAoC,EAAE,CAAC;;QAItd,mBAAA,OAAO,CAAC,IAAI,GAAG,aAAa,CAAC,YAAY,CAAC,EAAE,IAAI,CAAC,CAAC;KACnD;;;;;IAED,IAAI,CAAC,QAAqC;QACxC,IAAI,IAAI,CAAC,QAAQ,EAAE;YACjB,QAAQ,CAAC,IAAI,CAAC,QAAQ,CAAC,CAAC;SACzB;aAAM;YA CL,IAAI,CAAC,SAAS,CAAC,IAAI,CAAC,QAAQ,CAAC,CAAC;SAC/B;KACF;;;;;IAED,OAAO,CAAC,QAaKB;QACxB,IAAI,CAAC,QAAQ,GAAG,QAAQ,CAAC;;QAGzB,mBAAA,IAAI,CAAC,OAAO,CAAC,IAAI,GAAG,aAAa,CAAC,YAAY,CAAC,EAAE,QAAQ,CAAC,CAAC;;QAG3D,IAAI,CAAC,OAAO,sBAAG,IAAI,EAAE,CAAC;;QAGtB,IAAI,CAAC,SAAS,CAAC,OAAO;;;QAAC,CAAC,QAAQ,KAaK,QAAQ,CAAC,QAAQ,CAAC,EAAC,CAAC;QACzD,IAAI,CAAC,SAAS,CAAC,MAAM,GAAG,CAAC,CAAC;KAC3B;CACF;;;;;IA7BCA,2CAA6B;;;;;IAC7BA,4CAAwD;;;;;IAE5CA,0CAAiC;;;;;AAoC/C,MAAa,iBAAiB;IAA9B;;QAEU,aAAQ,GAA0D,IAAI,CAAC;QAExE,iBAAY,sBAAsB,IAAI,EAAE,CAAC;QACzC,gBAAW,sBAAqB,IAAI,EAAE,CAAC;QACvC,iBAAY,sBAAqB,IAAI,EAAE,CAAC;QACxC,gBAAW,sBAAa,IAAI,EAAE,CAAC;KA2BvC;;;;;IAxBS,cAAc,CAAC,WAA6B,EAAE,WAA6B;QACjF,IAAI,CAAC,YAAY,GAA G,WAAW,CAAC;QACHc,IAAI,CAAC,WAAW,GAAG,WAAW,CAAC,QAAQ,CAAC;QACxC,IAAI,CAAC,WAAW,GAAG,WAAW,CAAC;QAC/B,IAAI,CAAC,YAAY,GAAG,WAAW,CAAC,GAAG,CAAC,WAAW,CAAC,CAAC;QACjD,IAAI,CAAC,QAAQ,IAAI,IAAI,CAAC,QAAQ,CAAC,IAAI,CAAC,CAAC;KACtC;;;;;IASM,KAaK,CAAC,EAAkD,IAAI,IAAI,CAAC,QAAQ,GAAG,EAAE,CAAC,EAAE;;;;;IAKjF,OAAO;QACZ,mBAAA,IAAI,CAAC,WAAW,GAAG,GAAG,CAAC,WAAW,CAAC,CAAC,QAAQ,EAAE,CAAC;QAC/C,mBAAA,IAAI,CAAC,YAAY,GAAG,OAAO,EAAE,CAAC;KAC/B;CACF;;;;;IAhCC,qCAA+E;;IAE/E,yCAAgD;;IACHD,wCAA8C;;IAC9C,yCAA+C;;IAC/C,wCAAsC;;;;;ACrQBxC;;GAEG;;;"} }

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-  
zip/fesm2015/upgrade.js.map

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```

* /opt/ws_local/PERMITS_SQL/1047774535_1591199783.98/0/angular-upgrade-9-0-7-src-
zip/bundles/upgrade.umd.js
* /opt/ws_local/PERMITS_SQL/1047774535_1591199783.98/0/angular-upgrade-9-0-7-src-
zip/bundles/upgrade.umd.min.js
* /opt/ws_local/PERMITS_SQL/1047774535_1591199783.98/0/angular-upgrade-9-0-7-src-zip/bundles/upgrade-
static.umd.js

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```

static.umd.min.js

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- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/static/testing/src/create\_angularjs\_testing\_module.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/src/dynamic/src/upgrade\_ng1\_adapter.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/src/common/src/component\_info.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/src/common/src/version.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/static/testing/src/create\_angularjs\_testing\_module.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/src/common/src/constants.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/public\_api.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/src/common/src/downgrade\_component.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/public\_api.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/src/common/src/component\_info.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/src/common/src/util.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/static/src/util.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/static/src/upgrade\_module.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/src/common/src/downgrade\_component\_adapter.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/src/dynamic/src/upgrade\_adapter.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/index.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/src/common/src/constants.js
- \* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/src/common/src/util.js

\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/static/testing/index.js  
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\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/src/common/src/downgrade\_injectable.js  
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\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/index.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/src/common/src/angular1.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/src/dynamic/src/upgrade\_adapter.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/static/public\_api.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/src/dynamic/src/upgrade\_ng1\_adapter.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/static/testing/src/create\_angular\_testing\_module.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/src/common/src/angular1.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/static/index.js  
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\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/src/common/src/downgrade\_injectable.js  
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\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/static/testing/src/create\_angular\_testing\_module.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/static/src/downgrade\_module.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/static/public\_api.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/src/common/src/downgrade\_component.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/static/src/upgrade\_component.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/src/common/src/upgrade\_helper.js

\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/static/src/upgrade\_module.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/src/common/src/promise\_util.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/src/common/src/version.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm5/src/common/src/promise\_util.js  
\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/esm2015/static/testing/index.js  
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Angular

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The sources for this package are in the main [Angular](<https://github.com/angular/angular>) repo. Please file issues and pull requests against that repo.

Usage information and reference details can be found in [Angular documentation](<https://angular.io/docs>).

License: MIT

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1047774535\_1591199783.98/0/angular-upgrade-9-0-7-src-zip/README.md

## 1.447 ribbon-transport 2.3.0

## 1.448 libsmi 0.4.8

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-----  
lib/snprintf.c, lib/snprintf.h:

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-----  
tools/shhopt.c, tools/shhopt.h:

Title: shhopt - library for parsing command line options.

Version: 1.1.2

Entered-date: 23MAR97

Description: C-functions for parsing command line options, both  
traditional one-character options, and GNU'ish  
--long-options.

Keywords: programming, library, lib, commandline, options

Author: s.h.huseby@usit.uio.no (Sverre H. Huseby)

Primary-site: <http://www.ifi.uio.no/~sverrehu/pub-unix/>

Alternate-site: [sunsite.unc.edu/pub/Linux/libs  
shhopt-1.1.2.tar.gz](http://sunsite.unc.edu/pub/Linux/libs/shhopt-1.1.2.tar.gz)

Platforms: Requires ANSI C-compiler.

Copying-policy: BeerWare: If you have the time and money, send me a bottle  
of your favourite beer. If not, just send me a mail or  
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\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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\* org.eclipse.jetty.orbit:javax.security.auth.message

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\* org.eclipse.jetty.orbit:javax.mail.glassfish

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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## Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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## OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons  
org.ow2.asm:asm

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## Apache

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org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

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## MortBay

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org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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## 1.451 antisamy 1.5.8

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jar/io/micrometer/core/util/internal/logging/MessageFormatter.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-
jar/io/micrometer/core/util/internal/logging/FormattingTuple.java
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jar/io/micrometer/core/instrument/binder/httpcomponents/MicrometerHttpRequestExecutor.java
 * /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-
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* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-
jar/io/micrometer/core/util/internal/logging/JdkLogger.java

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- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/Timer.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/jetty/OnCompletionAsyncListener.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/internal/TimedScheduledExecutorService.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/jetty/InstrumentedQueuedThreadPool.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/internal/TimedRunnable.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/util/internal/logging/WarnThenDebugLogger.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/internal/TimedCallable.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/jvm/JvmMemory.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyServerThreadPoolMetrics.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyConnectionMetrics.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/jetty/TimedHandler.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/mongodb/MongoMetricsConnectionPoolListener.java

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\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/logging/LoggingRegistryConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/logging/LoggingMeterRegistry.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/MultiGauge.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/util/NamedThreadFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/push/PushMeterRegistry.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/kafka/KafkaConsumerMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/ipc/http/URLConnectionSender.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/ipc/http/OkHttpSender.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/ipc/http/ReactorNettySender.java  
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\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/ipc/http/HttpStatusClass.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/ipc/http/HttpSender.java  
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* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-
jar/io/micrometer/core/util/internal/logging/InternalLoggerFactory.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-
jar/io/micrometer/core/util/internal/logging/AbstractInternalLogger.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-
jar/io/micrometer/core/util/internal/logging/Slf4JLogger.java
* /opt/ws_local/PERMITS_SQL/1069054010_1594474692.29/0/micrometer-core-1-5-1-sources-
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- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/cumulative/CumulativeFunctionCounter.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/cumulative/CumulativeDistributionSummary.java
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- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/Measurement.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/hystrix/MicrometerMetricsPublisher.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/step/StepMeterRegistry.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/distribution/AbstractTimeWindowHistogram.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/search/MeterNotFoundException.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/annotation/Incubating.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/MockClock.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/noop/NoopTimer.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/aop/TimedAspect.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/dropwizard/DropwizardConfig.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/distribution/HistogramSupport.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/noop/NoopTimeGauge.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/composite/CompositeCustomMeter.java
- \* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/binder/tomcat/TomcatMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/BaseUnits.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/db/DatabaseTableMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/hystrix/MicrometerMetricsPublisherCommand.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/internal/DefaultLongTaskTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/noop/NoopFunctionTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/lang/NonNull.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/FunctionTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/PercentileHistogramBuckets.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/search/RequiredSearch.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/MeterBinder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/TimeWindowPercentileHistogram.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/config/MeterFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/ImmutableTag.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/simple/SimpleMeterRegistry.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
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\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/cache/CaffeineCacheMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/noop/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/logging/Log4j2Metrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/cumulative/CumulativeCounter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/simple/CountingMode.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/cache/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/Tag.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/search/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/simple/SimpleConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/util/StringUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/cache/CacheMeterBinder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/CountAtBucket.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/config/InvalidConfigurationException.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/ValueAtPercentile.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/jvm/ExecutorServiceMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/system/FileDescriptorMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/annotation/Timed.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/composite/CompositeTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/cache/GuavaCacheMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/step/StepFunctionCounter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/internal/DefaultGauge.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/dropwizard/DropwizardFunctionTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/util/MeterPartition.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/system/ProcessorMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/composite/CompositeCounter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/cumulative/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/step/StepTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/Metrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/composite/CompositeMeterRegistry.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/push/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/Tags.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/noop/NoopFunctionCounter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/step/StepDouble.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/AbstractTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/TimeGauge.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/composite/AbstractCompositeMeter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/dropwizard/DropwizardDistributionSummary.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/dropwizard/DropwizardClock.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/pause/ClockDriftPauseDetector.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/dropwizard/DropwizardGauge.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/util/AbstractPartition.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/cumulative/CumulativeFunctionTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/step/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/jvm/ClassLoaderMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/annotation/TimedSet.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/hystrix/MicrometerMetricsPublisherThreadPool.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/system/UptimeMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/jvm/JvmCompilationMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/config/MissingRequiredConfigurationException.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/jvm/JvmGcMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/hystrix/HystrixMetricsBinder.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/composite/CompositeTimeGauge.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/step/StepFunctionTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/util/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/step/StepMeasurement.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/internal/TimedExecutorService.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/db/PostgreSQLDatabaseMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/composite/CompositeFunctionTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/annotation/Counted.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/dropwizard/DelegatingDropwizardLongGauge.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/config/MeterFilterReply.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/dropwizard/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/Histogram.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/config/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/noop/NoopMeter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/composite/CompositeFunctionCounter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/config/MeterRegistryConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/composite/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/pause/PauseDetector.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/dropwizard/DropwizardMeterRegistry.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/internal/DefaultMeter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/HistogramSnapshot.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/TimeWindowFixedBoundaryHistogram.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/TimeWindowMax.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/Statistic.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/AbstractMeter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/dropwizard/DropwizardRate.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/cache/HazelcastCacheMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/cache/EhCache2Metrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/step/StepCounter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/config/NamingConvention.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/okhttp3/OkHttpMetricsEventListener.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/NoopHistogram.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/Gauge.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/noop/NoopDistributionSummary.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/step/StepDistributionSummary.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/step/StepLong.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/jvm/JvmMemoryMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/util/HierarchicalNameMapper.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/lang/NonNullFields.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/util/IOUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/cumulative/CumulativeTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/util/TimeUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/search/Search.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/DistributionStatisticConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/simple/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/logging/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/AbstractDistributionSummary.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/composite/CompositeLongTaskTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/internal/TimedExecutor.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/jpa/HibernateMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/lang/Nullable.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/pause/NoPauseDetector.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/binder/cache/JCacheMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/composite/CompositeMeter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/internal/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/noop/NoopLongTaskTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/composite/CompositeDistributionSummary.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/pause/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/composite/CompositeGauge.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/HistogramGauges.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/noop/NoopCounter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/distribution/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/Clock.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/dropwizard/DropwizardFunctionCounter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/Counter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/lang/NonNullApi.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/jvm/JvmThreadMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/util/MeterEquivalence.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/dropwizard/DropwizardCounter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/LongTaskTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/DistributionSummary.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/jvm/DiskSpaceMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/dropwizard/DropwizardTimer.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/binder/logging/LogbackMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/util/DoubleFormat.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-  
jar/io/micrometer/core/instrument/FunctionCounter.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/MeterRegistry.java

\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/aop/CountedAspect.java

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jar/io/micrometer/core/instrument/binder/cache/HazelcastIMapAdapter.java

\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/binder/http/HttpRequestTags.java

\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/binder/httpcomponents/HttpContextUtils.java

\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/config/validate/InvalidReason.java

\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/binder/httpcomponents/DefaultUriMapper.java

\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/binder/db/JooqExecuteListener.java

\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/config/validate/PropertyValidator.java

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jar/io/micrometer/core/instrument/binder/jetty/JettySslHandshakeMetrics.java

\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/binder/http/DefaultHttpServletRequestTagsProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/config/validate/Validated.java

\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/config/validate/DurationValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/binder/jetty/JettyClientTags.java

\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-

jar/io/micrometer/core/instrument/binder/http/Outcome.java



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\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/jpa/HibernateQueryMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/http/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/config/validate/ValidationException.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/MicrometerHttpClientInterceptor.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyClientTagsProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/step/StepTuple2.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/db/MetricsDSLContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/step/StepValue.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/distribution/TimeWindowSum.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/jvm/JvmHeapPressureMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/distribution/FixedBoundaryVictoriaMetricsHistogram.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/http/HttpServletRequestTagsProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/binder/jetty/JettyClientMetrics.java  
\* /opt/ws\_local/PERMITS\_SQL/1069054010\_1594474692.29/0/micrometer-core-1-5-1-sources-jar/io/micrometer/core/instrument/config/MeterRegistryConfigValidator.java

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\* /opt/cola/permits/1137898282\_1614163541.01/0/spring-cloud-netflix-hystrix-2-2-3-release-sources-1-jar/org/springframework/cloud/netflix/hystrix/EnableHystrix.java

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jar/org/springframework/cloud/netflix/hystrix/HystrixWebfluxEndpoint.java  
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jar/org/springframework/cloud/netflix/hystrix/HystrixCircuitBreakerConfiguration.java  
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jar/org/springframework/cloud/netflix/hystrix/HystrixProperties.java  
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jar/org/springframework/cloud/netflix/hystrix/ReactiveHystrixCircuitBreakerAutoConfiguration.java  
\* /opt/cola/permits/1137898282\_1614163541.01/0/spring-cloud-netflix-hystrix-2-2-3-release-sources-1-  
jar/org/springframework/cloud/netflix/hystrix/HystrixCommands.java  
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jar/org/springframework/cloud/netflix/hystrix/HystrixCircuitBreaker.java  
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jar/org/springframework/cloud/netflix/hystrix/HystrixHealthIndicator.java  
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jar/org/springframework/cloud/netflix/hystrix/HystrixCircuitBreakerAutoConfiguration.java  
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jar/org/springframework/cloud/netflix/hystrix/AbstractHystrixConfigBuilder.java  
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jar/org/springframework/cloud/netflix/hystrix/HystrixMetricsProperties.java  
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jar/org/springframework/cloud/netflix/hystrix/HystrixConstants.java  
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jar/org/springframework/cloud/netflix/hystrix/security/SecurityContextConcurrencyStrategy.java

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 |              | 1991-1995 | CWI        | yes                 |
| 1.3 thru 1.5.2 | 1.2          | 1995-1999 | CNRI       | yes                 |
| 1.6            | 1.5.2        | 2000      | CNRI       | no                  |
| 2.0            | 1.6          | 2000      | BeOpen.com | no                  |
| 1.6.1          | 1.6          | 2001      | CNRI       | yes (2)             |
| 2.1            | 2.0+1.6.1    | 2001      | PSF        | no                  |
| 2.0.1          | 2.0+1.6.1    | 2001      | PSF        | yes                 |
| 2.1.1          | 2.1+2.0.1    | 2001      | PSF        | yes                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
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\* /opt/cola/permits/1009226690\_1654022916.1355052/0/jnr-posix-3-0-50-sources-  
jar/jnr/posix/OpenBSDPOSIX.java  
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jar/jnr/posix/FreeBSDPOSIX.java  
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## 1.464 commons-beanutils 1.9.4

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## 1.465 not-going-to-be-commons-ssl 0.3.20

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File: src/main/java/org/apache/commons/ssl/ASN1Util.java

Changes: Removing Bouncy Castle classes and linking to the JAR instead.

File: src/main/java/org/apache/commons/ssl/KeyStoreBuilder.java

Changes: Fixing tryJKS to correctly return null for a potential PKCS12 file  
with no key entry. This happens with cacerts in Java 9+ because of  
the changes in JEP 229, because both JKS and PKCS12 files can now  
be loaded using either the JKS or PKCS12 keystore type.  
Replacing direct System.out calls with Logger calls.  
Removing Bouncy Castle classes and linking to the JAR instead.

File: src/main/java/org/apache/commons/ssl/PKCS8Key.java

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File: src/main/java/org/apache/commons/ssl/\*

Changes: Replacing direct printStackTrace calls with Logger calls, remove  
logging "abstraction".

Files: src/main/java/org/apache/commons/ssl/org/bouncycastle/\*

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Manifest-Version: 1.0

Bnd-LastModified: 1575980548657

Build-Jdk: 1.8.0\_232

Built-By: gil

Bundle-Description: HdrHistogram supports the recording and analyzing sa

sampled data value counts across a configurable integer value range with configurable value precision within the range. Value precision is expressed as the number of significant digits in the value recording, and provides control over value quantization behavior across the value range and the subsequent value resolution at any given level.

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Bundle-ManifestVersion: 2

Bundle-Name: HdrHistogram

Bundle-SymbolicName: org.hdrhistogram.HdrHistogram

Bundle-Version: 2.1.12

Created-By: Apache Maven Bundle Plugin

Export-Package: org.HdrHistogram;version="2.1.12",org.HdrHistogram.packagedarray;version="2.1.12"

Implementation-Title: HdrHistogram

Implementation-Vendor-Id: org.hdrhistogram

Implementation-Version: 2.1.12

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.7))"

Specification-Title: HdrHistogram

Specification-Version: 2.1.12

Tool: Bnd-2.3.0.201405100607

Found in path(s):

\* /opt/cola/permits/1097979485\_1602212177.99/0/hdrhistogram-2-1-12-1-jar/META-INF/MANIFEST.MF

## 1.475 pcsc-lite 1.9.1-1~bpo10+1

### 1.475.1 Available under license :

Format:

<http://anonscm.debian.org/viewvc/dep/web/deps/dep5.mdwn?revision=207>

Upstream-Name: pcsc-lite

Upstream-Contact: [muscle@lists.musclecard.com](mailto:muscle@lists.musclecard.com)

[ludovic.rousseau@free.fr](mailto:ludovic.rousseau@free.fr)

Source: [https://alioth.debian.org/project/showfiles.php?group\\_id=1225](https://alioth.debian.org/project/showfiles.php?group_id=1225)

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## 1.476 iconv 2.28

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Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-

jar/rx/internal/operators/OperatorGroupByEvicting.java

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====

This package "rx.internal.operators" is for internal implementation details and can change at any time.

It is excluded from the public Javadocs (<http://netflix.github.io/RxJava/javadoc/>) and should not be relied upon by

any code.

In short, changes to public signatures of these classes will not be accounted for in the versioning of RxJava.

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/README.md

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* Original location: <https://github.com/JCTools/JCTools/blob/master/jctools-core/src/main/java/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java>
*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-

jar/rx/internal/util/atomic/MpscLinkedAtomicQueue.java

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* Original location: <https://github.com/JCTools/JCTools/blob/master/jctools-core/src/main/java/org/jctools/queues/SpmcArrayQueue.java>
*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/SpmcArrayQueue.java

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFlatMapSingle.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFlatMapCompletable.java

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* Original location: <https://github.com/JCTools/JCTools/blob/master/jctools-core/src/main/java/org/jctools/queues/MpmcArrayQueue.java>

*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/MpmcArrayQueue.java

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* Original location: <https://github.com/JCTools/JCTools/blob/master/jctools-core/src/main/java/org/jctools/queues/atomic/SpSCUnboundedAtomicArrayQueue.java>
*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpSCUnboundedAtomicArrayQueue.java

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeConcat.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOperatorCast.java

- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observables/ConnectableObservable.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeArray.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func7.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaPlugins.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subscriptions/BooleanSubscription.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/exceptions/MissingBackpressureException.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipWhile.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAsObservable.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorToObservableSortedList.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorElementAt.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/BufferUntilSubscriber.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorObserveOn.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/SubscriptionList.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/ScalarSynchronousObservable.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoOnSubscribe.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeConcatIterable.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWithLatestFromMany.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/IndexedRingBuffer.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/BackpressureDrainManager.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeUntil.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSubscribeOn.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorReplay.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/exceptions/UnsubscribeFailedException.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeLast.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFromArray.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Subscription.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-

jar/rx/internal/operators/CompletableOnSubscribeMergeDelayErrorIterable.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/schedulers/Schedulers.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func4.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkip.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Producer.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/OnSubscribeTimeoutTimedWithFallback.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/OperatorIgnoreElements.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/OperatorDoOnRequest.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/OnSubscribeToMap.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Completable.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/PublishSubject.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func6.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/schedulers/NewThreadScheduler.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/Subject.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/OperatorOnBackpressureBuffer.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action9.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/schedulers/TimeInterval.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/OnSubscribeTimeoutSelectorWithFallback.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Notification.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Observer.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAll.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/NotificationLite.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action5.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func0.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func9.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Scheduler.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/SerializedSubscriber.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Functions.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observables/SyncOnSubscribe.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func8.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action4.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/OnSubscribeDefer.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/RxRingBuffer.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDematerialize.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeGroupJoin.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeRange.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action3.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFromIterable.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorLatest.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/Subscribers.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMaterialize.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoOnEvent.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subscriptions/MultipleAssignmentSubscription.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnSubscribeMap.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnBackpressureDrop.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/exceptions/OnCompletedFailedException.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/TrampolineScheduler.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorThrottleFirst.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ImmediateScheduler.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/TestSubscriber.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorUnsubscribeOn.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSequenceEqual.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorToObservableList.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipLast.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/SubjectSubscriptionManager.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action8.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorGroupBy.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeWhile.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-

jar/rx/internal/operators/OnSubscribeMap.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/SerializedObserver.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Function.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/package-info.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorZip.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action1.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/OperatorMapNotification.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/schedulers/TestScheduler.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/CompletableOnSubscribeTimeout.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/TestObserver.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/OperatorSingle.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/exceptions/OnErrorNotImplementedException.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/schedulers/ImmediateScheduler.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/OperatorZipIterable.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/subscriptions/RefCountSubscription.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/OnSubscribeSwitchIfEmpty.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/plugins/RxJavaObservableExecutionHook.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func3.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/subscriptions/SequentialSubscription.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/OperatorSerialize.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/BlockingOperatorMostRecent.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/OnSubscribeDoOnEach.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/Observers.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaErrorHandler.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAny.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/schedulers/Stamped.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/observables/BlockingObservable.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func2.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/operators/CompletableOnSubscribeMerge.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action7.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorCast.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
 jar/rx/internal/schedulers/CachedThreadScheduler.java
 * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/schedulers/package-info.java

- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Subscriber.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDelay.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeJoin.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeUsing.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/BehaviorSubject.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action6.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observables/GroupedObservable.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/EventLoopsScheduler.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeAutoConnect.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorToFuture.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaObservableExecutionHookDefault.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/ReplaySubject.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoOnUnsubscribe.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action2.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeIterable.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTimeInterval.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func5.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeRedo.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFilter.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorToIterator.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/SafeSubscriber.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeDelayErrorArray.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/GenericScheduledExecutorService.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeLastTimed.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CachedObservable.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/LinkedList.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeUntilPredicate.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Func1.java
- * /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subscriptions/Subscriptions.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/exceptions/Exceptions.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subscriptions/SerialSubscription.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subscriptions/CompositeSubscription.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipLastTimed.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMerge.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/exceptions/CompositeException.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/exceptions/OnErrorThrowable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/schedulers/NewThreadScheduler.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/UnicastSubject.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/exceptions/OnErrorFailedException.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/SleepingAction.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Action0.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/TestSubject.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/AsyncSubject.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorNext.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/ActionN.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnErrorResumeNextViaFunction.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeToObservableFuture.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/SerializedSubject.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeConcatArray.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/FuncN.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorScan.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/schedulers/TrampolineScheduler.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTake.java

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/producers/QueuedValueProducer.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/producers/ProducerObserverArbiter.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/producers/QueuedProducer.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/BackpressureUtils.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/producers/ProducerArbiter.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/producers/SingleProducer.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/producers/SingleDelayedProducer.java

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* Original location: <https://github.com/JCTools/JCTools/blob/master/jctools-core/src/main/java/org/jctools/queues/LinkedQueueNode.java>
*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/util/atomic/LinkedQueueNode.java

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Single.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OnSubscribeCombineLatest.java

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* Modified from <http://www.javacodegeeks.com/2013/08/simple-and-lightweight-pool-implementation.html>

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/OpenHashSet.java

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoAfterTerminate.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/singles/BlockingSingle.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observables/AsyncOnSubscribe.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/BlockingUtils.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/SingleSubscriber.java
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This package contains code that relies on `sun.misc.Unsafe`. Before using it you MUST assert `UnsafeAccess.isUnsafeAvailable() == true`

Much of the code in this package comes from or is inspired by the JCTools project:
<https://github.com/JCTools/JCTools>

JCTools has now published artifacts (<https://github.com/JCTools/JCTools/issues/17>) so RxJava could add JCTools as a "shadow" dependency (<https://github.com/ReactiveX/RxJava/issues/1735>).
RxJava has a "zero dependency" policy for the core library, so if we do add it as a dependency, it won't be an externally visible dependency that results in a separate jar.

The license for the JCTools code is <https://github.com/JCTools/JCTools/blob/master/LICENSE>

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```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/CompletableEmitter.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/CompletableSubscriber.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/SingleEmitter.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/CompletableFromEmitter.java
```

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core/src/main/java/org/jctools/queues/atomic/BaseLinkedQueue.java
 */
```

Found in path(s):

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/util/unsafe/BaseLinkedQueue.java
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    */

```

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```

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/util/unsafe/UnsafeAccess.java

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OnSubscribeDetach.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Emitter.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-

```

jar/rx/internal/operators/SingleTakeUntilObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observables/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/SafeCompletableSubscriber.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/ActionObserver.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeThrow.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTakeUntilCompletable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableFlatMapSingleToCompletable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/annotations/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/InternalObservableUtils.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/BackpressureOverflow.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaCompletableExecutionHook.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoOnUnsubscribe.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/subscriptions/Unsubscribed.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeLift.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleLiftObservableOperator.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaSingleExecutionHook.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnErrorReturn.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeOnAssembly.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeOnAssemblyCompletable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromEmitter.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeCreate.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/ActionNotificationObserver.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeOnAssemblySingle.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/subscriptions/CancellableSubscription.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-

jar/rx/internal/operators/SingleObserveOn.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/schedulers/GenericScheduledExecutorServiceFactory.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/observers/AssertableSubscriber.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subjects/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/plugins/RxJavaSingleExecutionHookDefault.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/observers/AssertableSubscriberObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleFromCallable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/util/ObserverSubscriber.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/exceptions/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/exceptions/AssemblyStackTraceException.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleFromFuture.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleTakeUntilSingle.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/functions/Cancellable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/EmptyObservableHolder.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleToObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/schedulers/SchedulerWhen.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/NeverObservableHolder.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/observers/AsyncCompletableSubscriber.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/schedulers/SchedulePeriodicHelper.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OnSubscribeFlattenIterable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaHooks.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/singles/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/subscriptions/package-info.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDelay.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleTimeout.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/SingleDoOnSubscribe.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/ActionSubscriber.java
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*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/ConcurrentCircularArrayQueue.java

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*/
```

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```
*/opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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*/
```

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```
*/opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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*/

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/MpscLinkedQueue.java

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/Observable.java
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/**

* This plugin class provides 2 ways to customize {@link Scheduler} functionality

* 1. You may redefine entire schedulers, if you so choose. To do so, override

* the 3 methods that return Scheduler (io(), computation(), newThread()).

* 2. You may wrap/decorate an {@link Action0}, before it is handed off to a Scheduler. The system-

* supplied Schedulers (Schedulers.ioScheduler, Schedulers.computationScheduler,

* Scheduler.newThreadScheduler) all use this hook, so it's a convenient way to

* modify Scheduler functionality without redefining Schedulers wholesale.


```
*
* Also, when redefining Schedulers, you are free to use/not use the onSchedule decoration hook.
* <p>
* See { @link RxJavaPlugins } or the RxJava GitHub Wiki for information on configuring plugins:
* <a
href="https://github.com/ReactiveX/RxJava/wiki/Plugins">https://github.com/ReactiveX/RxJava/wiki/Plugins</a>.
*/
```

Found in path(s):

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaSchedulersHook.java
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```

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorBufferWithTime.java
```

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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```

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
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```

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorEagerConcatMap.java
```

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorDistinct.java
```

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/schedulers/ScheduledAction.java
```

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OperatorSampleWithObservable.java
```

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/operators/OnSubscribeTimerPeriodically.java
```

```
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-
jar/rx/internal/schedulers/ExecutorScheduler.java
```

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithSize.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDebounceWithSelector.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDebounceWithTime.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithStartEndObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/RxThreadFactory.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscription.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscriptionOther.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeSkipTimed.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipUntil.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimerOnce.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithObservableFactory.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDistinctUntilChanged.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnSubscribeDelaySubscriptionOther.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorPublish.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithStartEndObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/PlatformDependent.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorRetryWithPredicate.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscriptionWithSelector.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithSingleObservable.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDelayWithSelector.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoAfterTerminate.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeTimed.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithSize.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSwitch.java

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/NewThreadWorker.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnBackpressureLatest.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSampleWithTime.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithTime.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWithLatestFrom.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeRefCount.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpScLinkedListArrayQueue.java

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*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/ConcurrentSequencedCircularArrayQueue.java

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*/

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpSCExactAtomicArrayQueue.java
* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpSCAtomicArrayQueue.java

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* Inspired from <https://code.google.com/p/guava-libraries/source/browse/guava/src/com/google/common/annotations/Beta.java>
*/

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*/

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* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/SpSCLinkedQueue.java

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*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/QueueProgressIndicators.java

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*/

Found in path(s):

* /opt/cola/permits/1199767188_1630583074.7/0/rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/MessagePassingQueue.java

1.480 randomfill 1.0.4

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1.481 angular-socket-io 0.7.0

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```
/*  
 * angular-socket-io v0.4.1  
 * (c) 2014 Brian Ford http://briantford.com  
 * License: MIT  
 */
```

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1047774383_1591199562.97/0/angular-socket-io-0-7-0-3-

tgz/package/socket.spec.js

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/*

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* /opt/ws_local/PERMITS_SQL/1047774383_1591199562.97/0/angular-socket-io-0-7-0-3-

tgz/package/socket.min.js

1.482 pyang 1.5

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jar/org/aopalliance/intercept/ConstructorInterceptor.java
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jar/org/aopalliance/intercept/Joinpoint.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
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Found in path(s):

* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/target/dynamic/Refreshable.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/interceptor/DebugInterceptor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/config/AdviceEntry.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-

jar/org/springframework/aop/scope/ScopedObject.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/framework/AopProxy.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/DynamicIntroductionAdvice.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/aspectj/AspectJAopUtils.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/framework/adapter/UnknownAdviceTypeException.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/IntroductionInfo.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/AfterReturningAdvice.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/AopInvocationException.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/interceptor/ConcurrencyThrottleInterceptor.java
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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/Pointcut.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/support/StaticMethodMatcherPointcut.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/PointcutAdvisor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/target/dynamic/BeanFactoryRefreshableTargetSource.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/target/LazyInitTargetSource.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/config/PointcutComponentDefinition.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/config/SpringConfiguredBeanDefinitionParser.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/framework/AopProxyFactory.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/support/DynamicMethodMatcherPointcut.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/framework/AopConfigException.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/target/PoolingConfig.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/framework/adapter/MethodBeforeAdviceAdapter.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/scope/DefaultScopedObject.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/config/ScopedProxyBeanDefinitionDecorator.java
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jar/org/springframework/aop/target/SimpleBeanTargetSource.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/support/JdkRegexpMethodPointcut.java
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jar/org/springframework/aop/target/ThreadLocalTargetSourceStats.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/IntroductionAdvisor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/framework/adapter/ThrowsAdviceAdapter.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/config/AdvisorEntry.java
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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/adaptor/MethodBeforeAdviceInterceptor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/AopContext.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/interceptor/CustomizableTraceInterceptor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/CglibAopProxy.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/config/AopNamespaceHandler.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/ProxyFactoryBean.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/autoproxy/AbstractAdvisorAutoProxyCreator.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/interceptor/ExposeInvocationInterceptor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/aspectj/autoproxy/AspectJAwareAdvisorAutoProxyCreator.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/aspectj/autoproxy/AspectJPrecedenceComparator.java
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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/aspectj/AspectJAfterAdvice.java

* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/aspectj/annotation/PrototypeAspectInstanceFactory.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/DefaultAopProxyFactory.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/aspectj/AspectJAfterThrowingAdvice.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/ProxyMethodInvocation.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/aspectj/annotation/AspectJAdvisorFactory.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/TargetClassAware.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/aspectj/AspectJMethodBeforeAdvice.java
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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/support/ComposablePointcut.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/support/ControlFlowPointcut.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/ObjenesisCglibAopProxy.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/AopProxyUtils.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/aopalliance/intercept/Interceptor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/support/annotation/AnnotationMatchingPointcut.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-

jar/org/springframework/aop/scope/ScopedProxyUtils.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/aspectj/TypePatternClassFilter.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/interceptor/AsyncUncaughtExceptionHandler.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/support/annotation/AnnotationMethodMatcher.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/MethodMatcher.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/framework/AdvisedSupport.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/support/Pointcuts.java
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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/framework/JdkDynamicAopProxy.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
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jar/org/springframework/aop/support/ClassFilters.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/aspectj/annotation/AspectMetadata.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/support/RootClassFilter.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/ClassFilter.java
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jar/org/springframework/aop/framework/ReflectiveMethodInvocation.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
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- * /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/InterceptorAndDynamicMethodMatcher.java
- * /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/IntroductionInterceptor.java
- * /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/AopInfrastructureBean.java
- * /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/RawTargetAccess.java
- * /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/config/AspectEntry.java
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- * /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-

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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/interceptor/AbstractMonitoringInterceptor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/aspectj/AspectJAroundAdvice.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/interceptor/PerformanceMonitorInterceptor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/config/AbstractInterceptorDrivenBeanDefinitionDecorator.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/Advisor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/interceptor/SimpleTraceInterceptor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/support/AbstractGenericPointcutAdvisor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/aspectj/annotation/AnnotationAwareAspectJAutoProxyCreator.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/aspectj/annotation/LazySingletonAspectInstanceFactoryDecorator.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/support/AbstractBeanFactoryPointcutAdvisor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/support/ExpressionPointcut.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/support/DefaultBeanFactoryPointcutAdvisor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/support/AbstractPointcutAdvisor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/aspectj/AspectInstanceFactory.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/support/DefaultPointcutAdvisor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-
jar/org/springframework/aop/support/DelegatePerTargetObjectIntroductionInterceptor.java
* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-

jar/org/springframework/aop/support/AbstractExpressionPointcut.java

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* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/support/NameMatchMethodPointcutAdvisor.java

* /opt/cola/permits/1135880320_1613624061.18/0/spring-aop-5-2-7-release-sources-1-jar/org/springframework/aop/framework/autoproxxy/target/LazyInitTargetSourceCreator.java

1.487 process 0.11.10

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- * /opt/cola/permits/1077482393_1607389215.6/0/spring-security-saml2-core-1-0-10-release-sources-jar/org/springframework/security/saml/websso/WebSSOProfileOptions.java
- * /opt/cola/permits/1077482393_1607389215.6/0/spring-security-saml2-core-1-0-10-release-sources-jar/org/springframework/security/saml/SAMLAuthenticationProvider.java
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* /opt/cola/permits/1077482393_1607389215.6/0/spring-security-saml2-core-1-0-10-release-sources-jar/org/opensaml/ws/transport/http/HttpClientOutTransport.java

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 - * /opt/cola/permits/1077482393_1607389215.6/0/spring-security-saml2-core-1-0-10-release-sources-jar/org/opensaml/PaosBootstrap.java
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1.494 pcre 8.39 12

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1.495 safe-buffer 5.1.2

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1.496 python-bcrypt 3.1.6-1

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1.497 websocket-servlet 9.4.29.v20200521

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Eclipse

The following artifacts are EPL.

* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.

* org.eclipse.jetty.orbit:javafx.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.498 netty-codec 4.1.50.Final

1.498.1 Available under license :

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 */
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/DefaultHeaders.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/Headers.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/EmptyHeaders.java
```

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Found in path(s):

- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/serialization/ClassResolvers.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/string/package-info.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/CorruptedFrameException.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/ByteToMessageDecoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/JZlibEncoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/MessageToMessageDecoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/DecoderException.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/ZlibUtil.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/MessageAggregator.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/ReplayingDecoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/bytes/package-info.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/ZlibWrapper.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/package-info.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/ZlibDecoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-

jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/xml/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/TooLongFrameException.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/EncoderException.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/ByteToMessageCodec.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/serialization/ObjectEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/protobuf/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/base64/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/marshalling/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/string/StringEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/compression/JdkZlibEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-

jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/serialization/ClassResolver.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/LengthFieldPrepender.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/Delimiters.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/serialization/ReferenceMap.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/DecoderResult.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/serialization/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/string/StringDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/compression/Snappy.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/MessageToMessageCodec.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/serialization/CachingClassResolver.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/serialization/ObjectDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-

jar/io/netty/handler/codec/base64/Base64Decoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/compression/DecompressionException.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/base64/Base64Encoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/compression/ZlibEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/compression/CompressionException.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/MessageToByteEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/CodecException.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
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jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java

* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/HeadersUtils.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
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* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Lz4XXHash32.java
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- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2Rand.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2Decoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/DecoderResultProvider.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/LzfEncoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/json/JsonObjectDecoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/AsciiHeadersEncoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Crc32.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/LzfDecoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/FastLz.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2BitReader.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Lz4Constants.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java
- * /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java

* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/json/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/MessageAggregationException.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2Encoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/io/netty/handler/codec/compression/Bzip2Constants.java

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* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-jar/META-INF/maven/io.netty/netty-codec/pom.xml

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*/
/*
* Written by Robert Harder and released to the public domain, as explained at
* http://creativecommons.org/licenses/publicdomain
*/
/**
* Utility class for {@link ByteBuffer} that encodes and decodes to and from
* Base64 notation.
* <p>
* The encoding and decoding algorithm in this class has been derived from
* Robert Harder's Public Domain
\* Base64 Encoder/Decoder.
*/

```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/base64/Base64.java

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* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/CharSequenceValueConverter.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/ValueConverter.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/DefaultHeadersImpl.java

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* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/DatagramPacketDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/DateFormatter.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/CodecOutputList.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/DatagramPacketEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/string/LineEncoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/compression/CompressionUtil.java
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jar/io/netty/handler/codec/xml/XmlFrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/compression/Crc32c.java
* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-
jar/io/netty/handler/codec/compression/JdkZlibDecoder.java

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*/

/**

* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message. It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.

* <p>

* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.

*

* <h3>2 bytes length field at offset 0, do not strip header</h3>

*

* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD". By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field. Therefore, it can be decoded with the simplistic parameter
* combination.

* <pre>

```

* <b>lengthFieldOffset</b> = <b>0</b>
* <b>lengthFieldLength</b> = <b>2</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)    AFTER DECODE (14 bytes)
* +-----+-----+ +-----+-----+
* | Length | Actual Content |---->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |   | 0x000C | "HELLO, WORLD" |
* +-----+-----+ +-----+-----+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* { @link ByteBuf#readableBytes() }, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>. In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* lengthAdjustment = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)    AFTER DECODE (12 bytes)
* +-----+-----+ +-----+
* | Length | Actual Content |---->| Actual Content |
* | 0x000C | "HELLO, WORLD" |   | "HELLO, WORLD" |
* +-----+-----+ +-----+
* </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
* represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples. However, in some protocols, the
* length field represents the length of the whole message, including the
* message header. In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>. Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip = 0
*

```

```

* BEFORE DECODE (14 bytes)      AFTER DECODE (14 bytes)
* +-----+-----+-----+-----+
* | Length | Actual Content |---->| Length | Actual Content |
* | 0x000E | "HELLO, WORLD" |   | 0x000E | "HELLO, WORLD" |
* +-----+-----+-----+-----+
* </pre>

```

* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>

* The following message is a simple variation of the first example. An extra header value is prepended to the message. <tt>lengthAdjustment</tt> is zero again because the decoder always takes the length of the prepended data into account during frame length calculation.

```

* <pre>
* <b>lengthFieldOffset</b> = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b> = <b>3</b>
* lengthAdjustment = 0
* initialBytesToStrip = 0

```

```

* BEFORE DECODE (17 bytes)      AFTER DECODE (17 bytes)
* +-----+-----+-----+-----+
* | Header 1 | Length | Actual Content |---->| Header 1 | Length | Actual Content |
* | 0xCAFE | 0x00000C | "HELLO, WORLD" |   | 0xCAFE | 0x00000C | "HELLO, WORLD" |
* +-----+-----+-----+-----+
* </pre>

```

* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>

* This is an advanced example that shows the case where there is an extra header between the length field and the message body. You have to specify a positive <tt>lengthAdjustment</tt> so that the decoder counts the extra header into the frame length calculation.

```

* <pre>
* lengthFieldOffset = 0
* lengthFieldLength = 3
* <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0

```

```

* BEFORE DECODE (17 bytes)      AFTER DECODE (17 bytes)
* +-----+-----+-----+-----+
* | Length | Header 1 | Actual Content |---->| Length | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE | "HELLO, WORLD" |   | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +-----+-----+-----+-----+
* </pre>

```

* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header, strip the first header field and the length field</h3>

* This is a combination of all the examples above. There are the prepended
 * header before the length field and the extra header after the length field.
 * The prepended header affects the `<tt>lengthFieldOffset</tt>` and the extra
 * header affects the `<tt>lengthAdjustment</tt>`. We also specified a non-zero
 * `<tt>initialBytesToStrip</tt>` to strip the length field and the prepended
 * header from the frame. If you don't want to strip the prepended header, you
 * could specify `<tt>0</tt>` for `<tt>initialBytesToSkip</tt>`.

* `<pre>`

* `lengthFieldOffset = 1` (= the length of HDR1)

* `lengthFieldLength = 2`

* `lengthAdjustment = 1` (= the length of HDR2)

* `initialBytesToStrip = 3` (= the length of HDR1 + LEN)

*

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)

* +-----+-----+-----+-----+ +-----+-----+-----+-----+-----+

* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |

* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |

* +-----+-----+-----+-----+ +-----+-----+-----+-----+-----+

* `</pre>`

*

* `<h3>`2 bytes length field at offset 1 in the middle of 4 bytes header,

* strip the first header field and the length field, the length field

* represents the length of the whole message`</h3>`

*

* Let's give another twist to the previous example. The only difference from

* the previous example is that the length field represents the length of the

* whole message instead of the message body, just like the third example.

* We have to count the length of HDR1 and Length into `<tt>lengthAdjustment</tt>`.

* Please note that we don't need to take the length of HDR2 into account

* because the length field already includes the whole header length.

* `<pre>`

* `lengthFieldOffset = 1`

* `lengthFieldLength = 2`

* `lengthAdjustment = -3` (= the length of HDR1 + LEN, negative)

* `initialBytesToStrip = 3`

*

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)

* +-----+-----+-----+-----+ +-----+-----+-----+-----+-----+

* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |

* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |

* +-----+-----+-----+-----+ +-----+-----+-----+-----+-----+

* `</pre>`

* @see LengthFieldPrepender

*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1068233848_1594324549.89/0/netty-codec-4-1-50-final-sources-1-

jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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 * Enumeration of supported Base64 dialects.
 * <p>
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 */
```

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```
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jar/io/netty/handler/codec/base64/Base64Dialect.java
```

1.499 cipher-base 1.0.4

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1.500 python 2.7.16 1

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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|----------------|--------------|-----------|------------|---------------------|
| 0.9.0 thru 1.2 | | 1991-1995 | CWI | yes |
| 1.3 thru 1.5.2 | 1.2 | 1995-1999 | CNRI | yes |
| 1.6 | 1.5.2 | 2000 | CNRI | no |
| 2.0 | 1.6 | 2000 | BeOpen.com | no |
| 1.6.1 | 1.6 | 2001 | CNRI | yes (2) |
| 2.1 | 2.0+1.6.1 | 2001 | PSF | no |
| 2.0.1 | 2.0+1.6.1 | 2001 | PSF | yes |
| 2.1.1 | 2.1+2.0.1 | 2001 | PSF | yes |

| | | | | |
|---------------|-------|----------|-----|-----|
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | 2.1.2 | 2002 | PSF | yes |
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1.502 json-path 2.4.0

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```

Found in path(s):

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jar/com/jayway/jsonpath/InvalidJsonException.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
jar/com/jayway/jsonpath/InvalidCriteriaException.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
jar/com/jayway/jsonpath/JsonPathException.java
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* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
jar/com/jayway/jsonpath/internal/Utils.java
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jar/com/jayway/jsonpath/Configuration.java
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jar/com/jayway/jsonpath/EvaluationListener.java
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jar/com/jayway/jsonpath/internal/path/RootPathToken.java
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jar/com/jayway/jsonpath/internal/path/CompiledPath.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
jar/com/jayway/jsonpath/WriteContext.java
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* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/InvalidPathException.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/internal/Path.java
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* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/internal/path/ScanPathToken.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/spi/cache/LRUCache.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/InvalidModificationException.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/spi/mapper/MappingException.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/internal/path/WildcardPathToken.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/spi/mapper/TapestryMappingProvider.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/Criteria.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/TypeRef.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/internal/JsonContext.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/internal/EvaluationContext.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-

jar/com/jayway/jsonpath/spi/mapper/JacksonMappingProvider.java
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jar/com/jayway/jsonpath/DocumentContext.java
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jar/com/jayway/jsonpath/spi/json/JsonSmartJsonProvider.java
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jar/com/jayway/jsonpath/internal/JsonFormatter.java
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jar/com/jayway/jsonpath/PathNotFoundException.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
jar/com/jayway/jsonpath/MapFunction.java

1.503 feign-slf4j 10.10.1

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Found in path(s):

* /opt/ws_local/PERMITS_SQL/1064524868_1593314806.54/0/feign-slf4j-10-10-1-sources-jar/META-

INF/maven/io.github.openfeign/feign-slf4j/pom.xml

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* /opt/ws_local/PERMITS_SQL/1064524868_1593314806.54/0/feign-slf4j-10-10-1-sources-
jar/feign/slf4j/Slf4jLogger.java

1.504 ganymed-ssh2 Build262

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1.505 d-bus 1.12.20-0+deb10u1

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- * javax.servlet:javax.servlet-api
- * javax.annotation:javax.annotation-api
- * javax.transaction:javax.transaction-api
- * javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

- org.ow2.asm:asm-commons
- org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

- org.apache.taglibs:taglibs-standard-spec
- org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from

following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.
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1.507 springfox-spi 3.0.0

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* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
jar/springfox/documentation/spi/service/context/Orderings.java
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* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
jar/springfox/documentation/spi/service/ParameterMetadataAccessor.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
jar/springfox/documentation/spi/schema/SyntheticModelProviderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
jar/springfox/documentation/spi/service/RequestHandlerCombiner.java
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* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/SecurityContextBuilder.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/OperationContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/ResponseContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/DocumentationContextBuilder.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/PathContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/schema/AlternateTypeProvider.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/schema/contexts/ModelContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/OperationModelContextsBuilder.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/DocumentationContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/Defaults.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/RequestMappingContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/ParameterExpansionContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/ParameterContext.java

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jar/springfox/documentation/spi/schema/UniqueTypeNameAdapter.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-
jar/springfox/documentation/spi/schema/ViewProviderPlugin.java
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jar/springfox/documentation/spi/service/ApiListingScannerPlugin.java
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* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/ExpandedParameterBuilderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/RequestHandlerProvider.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/ParameterBuilderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/OperationBuilderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/DefaultsProviderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/DocumentationPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/schema/ModelPropertyBuilderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/ApiListingContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/OperationModelsProviderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/schema/contexts/ModelPropertyContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/ApiListingBuilderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/service/PathAdjuster.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/contexts/ApiSelector.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/service/PathDecorator.java

* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/schema/GenericTypeNamingStrategy.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/schema/ModelBuilderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/service/context/SecurityContext.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/schema/TypeNameProviderPlugin.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/DocumentationType.java
* /opt/ws_local/PERMITS_SQL/1082518019_1597960242.29/0/springfox-spi-3-0-0-sources-jar/springfox/documentation/spi/schema/EnumTypeDeterminer.java

1.508 jetty-continuation 9.4.16.v20190411

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The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

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* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

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org.ow2.asm:asm-commons

org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

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org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

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org.apache.tomcat:tomcat-el-api

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org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.509 websocket-common 9.4.29.v20200521

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org.eclipse.jetty.toolchain:jetty-schemas

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/**

* A contract for inspecting and potentially modifying request data values such

* as URL query parameters or form field values before they are rendered by a

* view or before a redirect.

*

* <p>Implementations may use this contract for example as part of a solution

* to provide data integrity, confidentiality, protection against cross-site

* request forgery (CSRF), and others or for other tasks such as automatically

* adding a hidden field to all forms and URLs.

*

* <p>View technologies that support this contract can obtain an instance to

* delegate to via { @link RequestContext#getRequestDataValueProcessor()}.

*

* @author Rossen Stoyanchev

* @since 3.1

*/

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/view/document/AbstractXlsView.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/mvc/ServletForwardingController.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/mvc/ParameterizableViewController.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/ThemeResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/mvc/support/RedirectAttributesModelMap.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/view/InternalResourceViewResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/LocaleContextResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/resource/AbstractResourceResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/mvc/method/annotation/ModelAndViewResolverMethodReturnValueHandler.j
ava
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/mvc/condition/RequestConditionHolder.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/mvc/method/annotation/RequestBodyAdvice.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/mvc/method/annotation/ServletModelAttributeMethodProcessor.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/view/tiles3/SpringWildcardServletTilesApplicationContext.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/tiles3/TilesViewResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/config/annotation/RedirectViewControllerRegistration.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/theme/FixedThemeResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/HttpHeadersReturnValueHandler.java

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/config/annotation/DefaultServletHandlerConfigurer.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/WebJarsResourceResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/DeferredResultMethodReturnValueHandler.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/handler/AbstractUrlHandlerMapping.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/i18n/LocaleChangeInterceptor.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/config/annotation/DelegatingWebMvcConfiguration.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/WebContentInterceptor.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/RequestMappingInfoHandlerMethodMappingNamingStrategy.java

a

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/config/MvcNamespaceUtils.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/ReactiveTypeHandler.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/RedirectView.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/EntityResponse.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/ViewMethodReturnValueHandler.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/ToStringVisitor.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/support/AbstractFlashMapManager.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/support/RouterFunctionMapping.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/ServerResponse.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/ResourceHandlerFunction.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/script/ScriptTemplateConfig.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/RenderingResponse.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/HandlerFunction.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/CachingResourceResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/CachingResourceTransformer.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/ExceptionHandlerExceptionResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/ServletWrappingController.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/DefaultRequestToViewNameTranslator.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/HandlerFilterFunction.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/ResourceUrlProviderExposingInterceptor.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/ViewNameMethodReturnValueHandler.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/CssLinkResourceTransformer.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/VersionResourceResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/handler/HandlerExceptionResolverComposite.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/ServletInvocableHandlerMethod.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/config/annotation/InterceptorRegistration.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/handler/BeanNameUrlHandlerMapping.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/UrlBasedViewResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/HandlerInterceptor.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/RouterFunctionDsl.kt

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/config/annotation/AsyncSupportConfigurer.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/HandlerExecutionChain.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/ServerRequestExtensions.kt

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/RouterFunction.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/StreamingResponseBodyReturnValueHandler.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/SessionAttributeMethodArgumentResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/DispatcherServlet.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/script/ScriptTemplateView.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/ResourceUrlProvider.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/PathVariableMethodArgumentResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/ResourceUrlEncodingFilter.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/PathResourceResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/i18n/CookieLocaleResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/support/ServletUriComponentsBuilder.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/DefaultServerResponseBuilder.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/handler/SimpleUrlHandlerMapping.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/support/RequestContext.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/script/ScriptTemplateConfigurer.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/AbstractCachingViewResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/ServerResponseExtensions.kt
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/DefaultRenderingResponseBuilder.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/EncodedResourceResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurer.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/handler/AbstractHandlerExceptionResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/support/HandlerFunctionAdapter.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/RequestPredicate.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/condition/AbstractRequestCondition.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/function/DefaultServerRequestBuilder.java
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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/tiles3/AbstractSpringPreparerFactory.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/HttpRequestHandlerAdapter.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/condition/MediaTypeExpression.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-

jar/org/springframework/web/servlet/mvc/LastModified.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/SmartView.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/handler/ConversionServiceExposingInterceptor.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/tags/form/OptionWriter.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/mvc/SimpleControllerHandlerAdapter.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/tags/ParamAware.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/view/tiles3/SpringBeanPreparerFactory.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/mvc/AbstractUrlViewController.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/handler/AbstractDetectingUrlHandlerMapping.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/handler/SimpleServletHandlerAdapter.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
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*/  
/**  
* XSLT-driven View that allows for response context to be rendered as the  
* result of an XSLT transformation.  
*  
* <p>The XSLT Source object is supplied as a parameter in the model and then  
* {@link #locateSource} detected during response rendering. Users can either specify  
* a specific entry in the model via the {@link #setSourceKey sourceKey} property or  
* have Spring locate the Source object. This class also provides basic conversion  
* of objects into Source implementations. See {@link #getSourceTypes()} here }  
* for more details.
```

*
* <p>All model parameters are passed to the XSLT Transformer as parameters.
* In addition the user can configure { @link #setOutputProperties output properties }
* to be passed to the Transformer.
*
* @author Rob Harrop
* @author Juergen Hoeller
* @since 2.0
*/

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/RequestBodyAdviceAdapter.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/VersionPathStrategy.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/groovy/GroovyMarkupConfig.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/ArgumentAware.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/VersionStrategy.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/annotation/ModelAndViewResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/document/AbstractXlsxView.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/NoHandlerFoundException.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/HtmlEscapingAwareTag.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/groovy/GroovyMarkupViewResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/document/AbstractXlsxStreamingView.java

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/mvc/support/DefaultHandlerExceptionResolver.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/view/freemarker/FreeMarkerConfigurer.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/support/RequestContextUtils.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/tags/form/SelectedValueComparator.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/mvc/method/annotation/AbstractMessageConverterMethodArgumentResolver.
java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/config/ViewResolversBeanDefinitionParser.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/view/xml/MappingJackson2XmlView.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/tags/form/AbstractCheckedElementTag.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/view/document/AbstractPdfView.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/tags/UrlTag.java
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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/condition/CompositeRequestCondition.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/AbstractVersionStrategy.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/FixedVersionStrategy.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/BindErrorsTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/AbstractFormTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/RequestResponseBodyAdviceChain.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/handler/SimpleMappingExceptionHandlerResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/feed/AbstractFeedView.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/RequestContextAwareTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/FrameworkServlet.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/OptionTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/HandlerMapping.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/HandlerAdapter.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/MatrixVariableMethodArgumentResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerView.java

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/support/BindStatus.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/RequestResponseBodyMethodProcessor.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/ModelAndViewDefiningException.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/config/ScriptTemplateConfigurerBeanDefinitionParser.java

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/OptionsTag.java

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/XmlViewResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/ThemeTag.java

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/ResponseBodyAdvice.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/AbstractHtmlInputElementTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/RadioButtonTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/ContentNegotiatingViewResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/ViewResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/CheckboxTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/document/AbstractPdfStamperView.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/DefaultServletHttpRequestHandler.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/TextareaTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/GzipResourceResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/theme/CookieThemeResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/script/RenderingContext.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/RequestPartMethodArgumentResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/handler/HandlerMappingIntrospector.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/support/AbstractDispatcherServletInitializer.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/ResourceTransformerSupport.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/ModelAndView.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/InputTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/LabelTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/json/MappingJackson2JsonView.java

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/ContentVersionStrategy.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/EditorAwareTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/HandlerExceptionResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/ServletRequestMethodArgumentResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/CheckboxesTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/groovy/GroovyMarkupConfigurer.java

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/config/GroovyMarkupConfigurerBeanDefinitionParser.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/AbstractView.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/config/annotation/ViewResolverRegistry.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/SelectTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/DefaultResourceTransformerChain.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/json/AbstractJackson2View.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/HtmlEscapeTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/HttpServletBean.java

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/EvalTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/ResourceTransformerChain.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/ValueFormatter.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/TransformedResource.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/ResponseBodyEmitter.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/condition/AbstractMediaTypeExpression.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/AbstractSingleCheckedElementTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/condition/AbstractNameValueExpression.java

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/ResourceBundleViewResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/condition/NameValueExpression.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/xml/MarshallingView.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/NestedPathTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/resource/ResourceResolverChain.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/AbstractHtmlElementBodyTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/TransformTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/feed/AbstractAtomFeedView.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/AbstractDataBoundFormElementTag.java

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/View.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/ButtonTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/view/BeanNameViewResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/BindTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/FormTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/tags/form/AbstractMultiCheckedElementTag.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/ServletRequestMethodArgumentResolver.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/config/TilesConfigurerBeanDefinitionParser.java

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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/support/SessionFlashMapManager.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/mvc/method/annotation/AbstractMappingJacksonResponseBodyAdvice.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/config/annotation/UrlBasedViewResolverRegistration.java

* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-jar/org/springframework/web/servlet/FlashMapManager.java

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jar/org/springframework/web/servlet/config/annotation/ViewControllerRegistry.java
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jar/org/springframework/web/servlet/mvc/condition/HeadersRequestCondition.java
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jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerMapping.java
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jar/org/springframework/web/servlet/mvc/method/RequestMappingInfo.java
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jar/org/springframework/web/servlet/mvc/condition/ParamsRequestCondition.java
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jar/org/springframework/web/servlet/mvc/condition/ConsumesRequestCondition.java
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jar/org/springframework/web/servlet/mvc/condition/ProducesRequestCondition.java
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jar/org/springframework/web/servlet/handler/AbstractHandlerMapping.java
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jar/org/springframework/web/servlet/i18n/AcceptHeaderLocaleResolver.java
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jar/org/springframework/web/servlet/function/RouterFunctions.java
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jar/org/springframework/web/servlet/resource/AppCacheManifestTransformer.java
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jar/org/springframework/web/servlet/mvc/annotation/ResponseStatusExceptionHandlerResolver.java
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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/config/annotation/CorsRegistry.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/function/RouterFunctionBuilder.java
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jar/org/springframework/web/servlet/mvc/condition/PatternsRequestCondition.java
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* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/function/PathResourceLookupFunction.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/mvc/method/RequestMappingInfoHandlerMapping.java
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jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurationSupport.java
* /opt/cola/permits/1135880214_1613624081.79/0/spring-webmvc-5-2-7-release-sources-2-
jar/org/springframework/web/servlet/mvc/method/annotation/MvcUriComponentsBuilder.java
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1.512 core-js 3.12.1

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1.513 springfox-spring-web 3.0.0

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* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/parameter/ParameterDefaultReader.java
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* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/scanners/ApiListingScanningContext.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/paths/DefaultPathProvider.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/paths/PathMappingDecorator.java
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- * /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/scanners/ApiModelReader.java
- * /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/plugins/Docket.java
- * /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/operation/OperationResponseClassReader.java
- * /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/parameter/ExpandedParameterBuilder.java
- * /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/operation/OperationParameterReader.java
- * /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/operation/CachingOperationNameGenerator.java
- * /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/scanners/ApiListingScanner.java
- * /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/parameter/ParameterRequiredReader.java
- * /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/scanners/ApiDescriptionReader.java
- * /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/ControllerNamingUtils.java

* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/paths/Paths.java
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* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/paths/QueryStringUriTemplateDecorator.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/plugins/DocumentationPluginsManager.java
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* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/scanners/ResourceGroups.java
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* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/readers/parameter/ParameterTypeDeterminer.java
* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/plugins/PathAndParametersEquivalence.java

* /opt/ws_local/PERMITS_SQL/1082517923_1597960332.64/0/springfox-spring-web-3-0-0-sources-jar/springfox/documentation/spring/web/plugins/ResolvedMethodParameterEquivalence.java

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1.514 jersey-common 2.28

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1.522 msx-dgrid 0.0.8

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1.527 angular 1.8.2

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1.529 asm 5.0.4

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*/

```

/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
 * version.
 *
 * @param mv
 *     the <code>MethodVisitor</code> to send the resulting inlined
 *     method code to (use <code>>null</code> for none).
 * @param access
 *     the method's access flags (see { @link Opcodes}). This
 *     parameter also indicates if the method is synthetic and/or
 *     deprecated.
 * @param name
 *     the method's name.
 * @param desc
 *     the method's descriptor (see { @link Type}).
 * @param signature
 *     the method's signature. May be <tt>>null</tt>.
 * @param exceptions
 *     the internal names of the method's exception classes (see
 *     { @link Type#getInternalName() getInternalName}). May be
 *     <tt>>null</tt>.
 * @throws IllegalStateException
 *     If a subclass calls this constructor.
 */

```

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```

* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
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*/

/**

* Creates a new {@link GeneratorAdapter}. *Subclasses must not use this*

* constructor*.* Instead, they must use the

* {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}

```

* version.
*
* @param mv
*     the method visitor to which this adapter delegates calls.
* @param access
*     the method's access flags (see { @link Opcodes}).
* @param name
*     the method's name.
* @param desc
*     the method's descriptor (see { @link Type Type}).
* @throws IllegalStateException
*     If a subclass calls this constructor.
*/

```

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```

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*/

```

```
/**
 * Constructs a new {@link Textifier}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {@link #Textifier(int)}
 * version.
 *
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */
```

Found in path(s):

* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/Textifier.java

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 */
```

```
/**
 * Constructs a new {@link ClassNode}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {@link #ClassNode(int)}
 * version.
 *
 * @throws IllegalStateException
```

* If a subclass calls this constructor.

*/

Found in path(s):

* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/ClassNode.java

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*/

/**

* Constructs a new {[@link LocalVariableAnnotationNode](#)}. *<i>*Subclasses must

* not use this constructor*</i>*. Instead, they must use the

* {[@link #LocalVariableAnnotationNode\(int, TypePath, LabelNode\[\], LabelNode\[\], int\[\], String\)](#)}

* version.

*

* @param typeRef

* a reference to the annotated type. See {[@link TypeReference](#)}.

* @param typePath

* the path to the annotated type argument, wildcard bound, array

* element type, or static inner type within 'typeRef'. May be

* `<tt>null</tt>` if the annotation targets 'typeRef' as a whole.

```

* @param start
*     the first instructions corresponding to the continuous ranges
*     that make the scope of this local variable (inclusive).
* @param end
*     the last instructions corresponding to the continuous ranges
*     that make the scope of this local variable (exclusive). This
*     array must have the same size as the 'start' array.
* @param index
*     the local variable's index in each range. This array must have
*     the same size as the 'start' array.
* @param desc
*     the class descriptor of the annotation class.
*/

```

Found in path(s):

```

* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
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```

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```

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```

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- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/AnnotationWriter.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/SimpleVerifier.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/NameMapping.java
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- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/ClassWriter.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Attribute.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/MethodInsnNode.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/MethodVisitor.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/TraceFieldVisitor.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/SourceValue.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/AdviceAdapter.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/Remapper.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/BasicValue.java
- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/FieldWriter.java
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- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/TableSwitchGenerator.java

* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/FieldNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/FieldInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/LabelNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/CheckSignatureAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/InstructionAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/IntInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingClassAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/ClassReader.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/VarInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingMethodAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/Value.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/InsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/signature/SignatureReader.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/LdcInsnNode.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/JarOptimizer.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/LocalVariablesSorter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/TraceAnnotationVisitor.java

* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/Constant.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Handle.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/ClassOptimizer.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/ASMifier.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/TraceClassVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/Frame.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/Subroutine.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TypeInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/InsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/MethodOptimizer.java
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jar/org/objectweb/asm/util/CheckMethodAdapter.java
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jar/org/objectweb/asm/commons/SimpleRemapper.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/tree/AnnotationNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/FieldVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Context.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/util/TraceMethodVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Handler.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/tree/MethodNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/InsnList.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/MethodWriter.java
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jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/signature/SignatureWriter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Item.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Edge.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/ClassVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/tree/FrameNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/optimizer/ConstantPool.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Opcodes.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/util/CheckClassAdapter.java
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- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/ASMifiable.java

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/**

* Creates a new {@link AnalyzerAdapter}. *<i>*Subclasses must not use this
* constructor*</i>*. Instead, they must use the
* {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
* version.
*
* @param owner
* the owner's class name.
* @param access
* the method's access flags (see {@link Opcodes}).
* @param name
* the method's name.
* @param desc
* the method's descriptor (see {@link Type Type}).
* @param mv
* the method visitor to which this adapter delegates calls. May
* be `<tt>null</tt>`.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-
jar/org/objectweb/asm/commons/AnalyzerAdapter.java

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annotations.properties

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- * /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/TypeReference.java

1.530 javax-annotation-api 1.3.2

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1.532 xml-apis 1.3.04

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Tool: Bnd-3.2.0.201605172007
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Export-Package: com.sun.istack;uses="javax.activation,javax.xml.stream,org.xml.sax,org.xml.sax.helpers";version="3.0.5",com.sun.istack.logging;version="3.0.5",com.sun.istack.localization;version="3.0.5"
Bundle-Name: istack common utility code runtime
Bundle-Version: 3.0.5
Implementation-Build-Id: tags/istack-commons-3.0.5-321, 2017-02-11T01:27:24+0100
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_112

Found in path(s):

* /opt/cola/permits/1334904685_1653676440.7415743/0/istack-commons-runtime-3-0-5-jar/META-INF/MANIFEST.MF

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1.535 spring-cloud-stream-binder-kafka-core

3.0.6.RELEASE

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```
* /opt/cola/permits/1142745174_1615475703.51/0/spring-cloud-stream-binder-kafka-core-3-0-6-release-sources-
jar/org/springframework/cloud/stream/binder/kafka/properties/KafkaTopicProperties.java
* /opt/cola/permits/1142745174_1615475703.51/0/spring-cloud-stream-binder-kafka-core-3-0-6-release-sources-
jar/org/springframework/cloud/stream/binder/kafka/utis/DlqPartitionFunction.java
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jar/org/springframework/cloud/stream/binder/kafka/properties/KafkaBinderConfigurationProperties.java
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* /opt/cola/permits/1142745174_1615475703.51/0/spring-cloud-stream-binder-kafka-core-3-0-6-release-sources-jar/org/springframework/cloud/stream/binder/kafka/utils/KafkaTopicUtils.java
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- * /opt/cola/permits/1142745174_1615475703.51/0/spring-cloud-stream-binder-kafka-core-3-0-6-release-sources-jar/org/springframework/cloud/stream/binder/kafka/properties/JaasLoginModuleConfiguration.java

1.536 javax-inject 1

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* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-jar/org/springframework/oxm/GenericUnmarshaller.java

* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-jar/org/springframework/oxm/MarshallingFailureException.java

* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-jar/org/springframework/oxm/GenericMarshaller.java

* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-jar/org/springframework/oxm/UncategorizedMappingException.java

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* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-jar/org/springframework/oxm/mime/MimeContainer.java

* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-jar/org/springframework/oxm/XmlMappingException.java

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jar/org/springframework/oxm/support/MarshallingSource.java
* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-
jar/org/springframework/oxm/xstream/CatchAllConverter.java
* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-
jar/org/springframework/oxm/jaxb/ClassPathJaxb2TypeScanner.java
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jar/org/springframework/oxm/Unmarshaller.java
* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-
jar/org/springframework/oxm/Unmarshaller.java
* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-
jar/org/springframework/oxm/config/Jaxb2UnmarshallerBeanDefinitionParser.java
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* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-
jar/org/springframework/oxm/config/OxmNamespaceHandler.java
* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-
jar/org/springframework/oxm/jibx/JibxMarshaller.java
* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-
jar/org/springframework/oxm/config/JibxMarshallerBeanDefinitionParser.java
* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-
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jar/org/springframework/oxm/xstream/XStreamMarshaller.java
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jar/org/springframework/oxm/mime/MimeUnmarshaller.java
```

```
* /opt/cola/permits/1135880205_1613624209.93/0/spring-oxm-5-2-7-release-sources-1-  
jar/org/springframework/oxm/mime/MimeMarshaller.java
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1.549 classgraph 4.8.69

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1.550 select 1.1.2

1.551 slf4j-log4j 1.7.5

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1.552 react-is 16.11.0

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Maintainer: Colin Watson <cjwatson@debian.org>

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```
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-  
jar/org/springframework/cache/transaction/TransactionAwareCacheDecorator.java  
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-  
jar/org/springframework/cache/jcache/interceptor/CacheRemoveAllInterceptor.java  
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-  
jar/org/springframework/cache/jcache/interceptor/JCacheOperation.java  
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-  
jar/org/springframework/cache/jcache/interceptor/AbstractCacheInterceptor.java
```

* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/quartz/ResourceLoaderClassLoadHelper.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/quartz/SchedulerAccessor.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/CacheRemoveEntryInterceptor.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/CacheRemoveOperation.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/quartz/LocalDataSourceJobStore.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/AbstractJCacheOperation.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/quartz/MethodInvokingJobDetailFactoryBean.java
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* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/ui/freemarker/FreeMarkerConfigurationFactoryBean.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/commonj/ScheduledTimerListener.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/mail/MailMessage.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/transaction/TransactionAwareCacheManagerProxy.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/mail/MailException.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/mail/javamail/SmartMimeMessage.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/ehcache/EhCacheManagerFactoryBean.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-

```
jar/org/springframework/scheduling/commonj/TimerManagerAccessor.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/scheduling/quartz/SchedulerAccessorBean.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/mail/javamail/MimeMailMessage.java
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jar/org/springframework/scheduling/quartz/QuartzJobBean.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/mail/MailSender.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/mail/javamail/InternetAddressEditor.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/ui/freemarker/FreeMarkerTemplateUtils.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/cache/ehcache/EhCacheManagerUtils.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/cache/jcache/interceptor/CacheRemoveAllOperation.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/mail/javamail/JavaMailSender.java
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#####

#####
#
# Defaults for the Java Activation Framework (revised).
#
# Modified extensions registered in this file:
# text/plain java c c++ cpp pl cc h
# image/png png
# image/svg+xml svg
#
#####

text/html html htm HTML HTM
text/plain txt text TXT TEXT java c c++ cpp pl cc h
image/gif gif GIF
image/ief ief
image/jpeg jpeg jpg jpe JPG
image/tiff tiff tif
image/x-xwindowdump xwd
application/postscript ai eps ps
application/rtf rtf
application/x-tex tex
application/x-texinfo texinfo texi
application/x-troff t tr roff
audio/basic au
audio/midi midi mid
audio/x-aifc aifc
audio/x-aiff aif aiff
audio/x-mpeg mpeg mpg
audio/x-wav wav
video/mpeg mpeg mpg mpe
video/quicktime qt mov
video/x-msvideo avi

#####
#
# Additional file types adapted from
# http://sites.utoronto.ca/webdocs/HTMLdocs/Book/Book-3ed/appb/mimetype.html
# kindly re-licensed to Apache Software License 2.0 by Ian Graham.
#
#####

```

TEXT TYPES

text/x-speech talk

text/css css

text/csv csv

IMAGE TYPES

X-Windows bitmap (b/w)

image/x-xbitmap xbm

X-Windows pixmap (8-bit color)

image/x-xpixmap xpm

Portable Network Graphics

image/png png

Scalable Vector Graphics

image/svg+xml svg

Image Exchange Format (RFC 1314)

image/ief ief

RGB

image/rgb rgb

Group III Fax (RFC 1494)

image/g3fax g3f

X Windowdump format

image/x-xwindowdump xwd

Macintosh PICT format

image/x-pict pict

PPM (UNIX PPM package)

image/x-portable-pixmap ppm

PGM (UNIX PPM package)

image/x-portable-graymap pgm

PBM (UNIX PPM package)

image/x-portable-bitmap pbm

PNM (UNIX PPM package)

image/x-portable-anymap pnm

Microsoft Windows bitmap

image/x-ms-bmp bmp

CMU raster

image/x-cmu-raster ras

Kodak Photo-CD

image/x-photo-cd pcd

Computer Graphics Metafile

image/cgm cgm

CALS Type 1 or 2

image/x-cals mil cal

Fractal Image Format (Iterated Systems)

image/fif fif

QuickSilver active image (Micrografx)

image/x-mgx-dsf dsf
CMX vector image (Corel)
image/x-cmx cmx
Wavelet-compressed (Summus)
image/wavelet wi
AutoCad Drawing (SoftSource)
image/vnd.dwg dwg
AutoCad DXF file (SoftSource)
image/vnd.dxf dxf
Simple Vector Format (SoftSource)
image/vnd.svf svf

AUDIO/VOICE/MUSIC RELATED TYPES

""basic""audio - 8-bit u-law PCM"
audio/basic au snd
Macintosh audio format (AIpple)
audio/x-aiff aif aiff aifc
Microsoft audio
audio/x-wav wav
MPEG audio
audio/x-mpeg mpa abs mpega
MPEG-2 audio
audio/x-mpeg-2 mp2a mpa2
compressed speech (Echo Speech Corp.)
audio/echospeech es
Toolvox speech audio (Voxware)
audio/voxware vox
RapidTransit compressed audio (Fast Man)
application/fastman lcc
Realaudio (Progressive Networks)
application/x-pn-realaudio ra ram
MIDI music data
x-music/x-midi mmid
Koan music data (SSeyo)
application/vnd.koan skp
Speech synthesis data (MVP Solutions)
text/x-speech talk

VIDEO TYPES

MPEG video
video/mpeg mpeg mpg mpe
MPEG-2 video
video/mpeg-2 mpv2 mp2v
Macintosh Quicktime
video/quicktime qt mov
Microsoft video

video/x-msvideo avi
SGI Movie format
video/x-sgi-movie movie
VDOLive streaming video (VDOnet)
video/vdo vdo
Vivo streaming video (Vivo software)
video/vnd.vivo viv

SPECIAL HTTP/WEB APPLICATION TYPES

Proxy autoconfiguration (Netscape browsers)
application/x-ns-proxy-autoconfig pac
Netscape Cooltalk chat data (Netscape)
x-conference/x-cooltalk ice

TEXT-RELATED

PostScript
application/postscript ai eps ps
Microsoft Rich Text Format
application/rtf rtf
Adobe Acrobat PDF
application/pdf pdf
Maker Interchange Format (FrameMaker)
application/vnd.mif mif
Troff document
application/x-troff t tr roff
Troff document with MAN macros
application/x-troff-man man
Troff document with ME macros
application/x-troff-me me
Troff document with MS macros
application/x-troff-ms ms
LaTeX document
application/x-latex latex
Tex/LateX document
application/x-tex tex
GNU TexInfo document
application/x-texinfo texinfo texi
TeX dvi format
application/x-dvi dvi
MS word document
application/msword doc DOC
Office Document Architecture
application/oda oda
Envoy Document
application/envoy evy

ARCHIVE/COMPRESSED ARCHIVES

Gnu tar format
application/x-gtar gtar
4.3BSD tar format
application/x-tar tar
POSIX tar format
application/x-ustar ustar
Old CPIO format
application/x-bcpio bcpio
POSIX CPIO format
application/x-cpio cpio
UNIX sh shell archive
application/x-shar shar
DOS/PC - Pkzipped archive
application/zip zip
Macintosh Binhexed archive
application/mac-binhex40 hqx
Macintosh Stuffit Archive
application/x-stuffit sit sea
Fractal Image Format
application/fractals fif
"Binary UUencoded"
application/octet-stream bin uu
PC executable
application/octet-stream exe
"WAIS ""sources"""
application/x-wais-source src wsrc
NCSA HDF data format
application/hdf hdf

DOWNLOADABLE PROGRAM/SCRIPTS

Javascript program
text/javascript js ls mocha
UNIX bourne shell program
application/x-sh sh
UNIX c-shell program
application/x-csh csh
Perl program
application/x-perl pl
Tcl (Tool Control Language) program
application/x-tcl tcl

ANIMATION/MULTIMEDIA

FutureSplash vector animation (FutureWave)
application/futuresplash spl


```

# mBED multimedia data (mBED)
application/mbedlet mbd
# PowerMedia multimedia (RadMedia)
application/x-rad-powermedia rad

# PRESENTATION

# PowerPoint presentation (Microsoft)
application/mspowerpoint ppz
# ASAP WordPower (Software Publishing Corp.)
application/x-asap asp
# Astound Web Player multimedia data (GoldDisk)
application/astound asn

# SPECIAL EMBEDDED OBJECT

# OLE script e.g. Visual Basic (Ncompass)
application/x-olescript axs
# OLE Object (Microsoft/NCompass)
application/x-oleobject ods
# OpenScape OLE/OCX objects (Business@Web)
x-form/x-openscape opp
# Visual Basic objects (Amara)
application/x-webbasic wba
# Specialized data entry forms (Alpha Software)
application/x-alpha-form frm
# client-server objects (Wayfarer Communications)
x-script/x-wfxclient wfx

# GENERAL APPLICATIONS

# Undefined binary data (often executable progs)
application/octet-stream exe com
# Pointcast news data (Pointcast)
application/x-pcn pcn
# Excel spreadsheet (Microsoft)
application/vnd.ms-excel xls
# PowerPoint (Microsoft)
application/vnd.ms-powerpoint ppt
# Microsoft Project (Microsoft)
application/vnd.ms-project mpp
# SourceView document (Dataware Electronics)
application/vnd.svd svd
# Net Install - software install (20/20 Software)
application/x-net-install ins
# Carbon Copy - remote control/access (Microcom)
application/ccv ccv
# Spreadsheets (Visual Components)

```

workbook/formulaone vts

2D/3D DATA/VIRTUAL REALITY TYPES

VRML data file

x-world/x-vrml wrl vrml

WIRL - VRML data (VREAM)

x-world/x-vream vrw

Play3D 3d scene data (Play3D)

application/x-p3d p3d

Viscape Interactive 3d world data (Superscape)

x-world/x-svr svr

WebActive 3d data (Plastic Thought)

x-world/x-wvr wvr

QuickDraw3D scene data (Apple)

x-world/x-3dmf 3dmf

SCIENTIFIC/MATH/CAD TYPES

Mathematica notebook

application/mathematica ma

Computational meshes for numerical simulations

x-model/x-mesh msh

Vis5D 5-dimensional data

application/vis5d v5d

IGES models -- CAD/CAM (CGM) data

application/iges igs

Autocad WHIP vector drawings

drawing/x-dwf dwf

Found in path(s):

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* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/caffeine/CaffeineCache.java

* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/caffeine/CaffeineCacheManager.java

* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/ehcache/EhCacheCacheManager.java

* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/ehcache/EhCacheCache.java

* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/JCacheCacheManager.java

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Found in path(s):

- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/config/JCacheConfigurerSupport.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/mail/javamail/MimeMessageHelper.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/CacheResultOperation.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/CachePutOperation.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/quartz/JobDetailFactoryBean.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/commonj/TimerManagerTaskScheduler.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/quartz/AdaptableJobFactory.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/mail/javamail/ConfigurableMimeFileTypeMap.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/quartz/SimpleThreadPoolTaskExecutor.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/quartz/SpringBeanJobFactory.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/config/ProxyJCacheConfiguration.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/DefaultCacheKeyInvocationContext.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/JCacheInterceptor.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/mail/MailSendException.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/AbstractJCacheKeyOperation.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/JCacheOperationSourcePointcut.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/CacheResultInterceptor.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/DefaultJCacheOperationSource.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/KeyGeneratorAdapter.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/ui/freemarker/FreeMarkerConfigurationFactory.java

- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/mail/SimpleMailMessage.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/config/AbstractJCacheConfiguration.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/AbstractFallbackJCacheOperationSource.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/AbstractKeyCacheInterceptor.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/DefaultCacheMethodDetails.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/AnnotationJCacheOperationSource.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/JCacheManagerFactoryBean.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/quartz/CronTriggerFactoryBean.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/JCacheOperationSource.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/quartz/SimpleTriggerFactoryBean.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/config/JCacheConfigurer.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/quartz/LocalTaskExecutorThreadPool.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/JCacheAspectSupport.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/CacheResolverAdapter.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/BeanFactoryJCacheOperationSourceAdvisor.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/SimpleExceptionCacheResolver.java
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- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/commonj/WorkManagerTaskExecutor.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/scheduling/quartz/SchedulerFactoryBean.java
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- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/cache/jcache/interceptor/CachePutInterceptor.java
- * /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-jar/org/springframework/mail/javamail/JavaMailSenderImpl.java

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jar/org/springframework/mail/MailPreparationException.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/mail/javamail/MimeMessagePreparator.java
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jar/org/springframework/cache/transaction/AbstractTransactionSupportingCacheManager.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/scheduling/commonj/DelegatingTimerListener.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/scheduling/quartz/JobMethodInvocationFailedException.java
```

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* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/mail/MailAuthenticationException.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/scheduling/commonj/DelegatingWork.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/mail/MailParseException.java
* /opt/cola/permits/1135880196_1613624430.75/0/spring-context-support-5-2-7-release-sources-1-
jar/org/springframework/scheduling/quartz/DelegatingJob.java
```

1.556 jopt-simple 5.0.3

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* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
jar/joptsimple/internal/SimpleOptionNameMap.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionSpec.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
jar/joptsimple/util/InetAddressConverter.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Reflection.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
```

jar/joptsimple/RequiredArgumentOptionSpec.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/IllegalOptionSpecificationException.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Messages.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionParser.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/OptionSpecTokenizer.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/OptionMissingRequiredArgumentException.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Classes.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/internal/ReflectionException.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/internal/ConstructorInvokingValueConverter.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/internal/MethodInvokingValueConverter.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/AlternativeLongOptionSpec.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/internal/OptionNameMap.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/util/DateConverter.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionDescriptor.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/AbstractOptionSpec.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/OptionalArgumentOptionSpec.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/UnconfiguredOptionException.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/BuiltinHelpFormatter.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/internal/AbbreviationMap.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Rows.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/MultipleArgumentsForOptionException.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/ValueConversionException.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/NonOptionArgumentSpec.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionException.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/OptionArgumentConversionException.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/ParserRules.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
 jar/joptsimple/MissingRequiredOptionsException.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/HelpFormatter.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/ValueConverter.java
 * /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionParserState.java


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* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Row.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
jar/joptsimple/OptionSpecBuilder.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/ArgumentList.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/util/KeyValuePair.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionSet.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Columns.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
jar/joptsimple/UnrecognizedOptionException.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Strings.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
jar/joptsimple/ArgumentAcceptingOptionSpec.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/util/RegexMatcher.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
jar/joptsimple/NoArgumentOptionSpec.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-
jar/joptsimple/UnavailableOptionException.java
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1.557 kryo-parent 3.0.3

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1.558 react-redux 5.1.2

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1.559 buffer 4.9.2

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1.560 bzip2 1.0.6 9.2~deb10u1

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1.561 debianutils 4.8.6.1

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1.562 iconv-lite 0.4.24

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1.563 netty-resolver 4.1.50.Final

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* /opt/ws_local/PERMITS_SQL/1068233887_1594324468.34/0/netty-resolver-4-1-50-final-sources-1-jar/io/netty/resolver/NoopAddressResolverGroup.java
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- * /opt/ws_local/PERMITS_SQL/1068233887_1594324468.34/0/netty-resolver-4-1-50-final-sources-1-jar/io/netty/resolver/DefaultNameResolver.java
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- * /opt/ws_local/PERMITS_SQL/1068233887_1594324468.34/0/netty-resolver-4-1-50-final-sources-1-jar/io/netty/resolver/AddressResolver.java
- * /opt/ws_local/PERMITS_SQL/1068233887_1594324468.34/0/netty-resolver-4-1-50-final-sources-1-jar/io/netty/resolver/InetSocketAddressResolver.java
- * /opt/ws_local/PERMITS_SQL/1068233887_1594324468.34/0/netty-resolver-4-1-50-final-sources-1-jar/io/netty/resolver/AbstractAddressResolver.java
- * /opt/ws_local/PERMITS_SQL/1068233887_1594324468.34/0/netty-resolver-4-1-50-final-sources-1-jar/io/netty/resolver/HostsFileParser.java
- * /opt/ws_local/PERMITS_SQL/1068233887_1594324468.34/0/netty-resolver-4-1-50-final-sources-1-jar/io/netty/resolver/InetAddressResolver.java
- * /opt/ws_local/PERMITS_SQL/1068233887_1594324468.34/0/netty-resolver-4-1-50-final-sources-1-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
- * /opt/ws_local/PERMITS_SQL/1068233887_1594324468.34/0/netty-resolver-4-1-50-final-sources-1-jar/io/netty/resolver/DefaultAddressResolverGroup.java

1.564 commons-lang3 3.0

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1.565 spring-context 5.2.7.RELEASE

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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CompositeCacheOperationSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/AbstractCacheInvoker.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/Import.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/GenericApplicationContext.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/ApplicationEventMulticaster.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/ReloadableResourceBundleMessageSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/instrument/classloading/jboss/JBossLoadTimeWeaver.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/support/AbstractCacheManager.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/AnnotationCacheOperationSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/EventListenerMethodProcessor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ImportBeanDefinitionRegistrar.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/AnnotationConfigRegistry.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/support/MBeanServerFactoryBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/Async.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/ResourceLoaderAware.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/ApplicationListener.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/AbstractApplicationEventMulticaster.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/Scheduled.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/DataBinder.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ParserStrategyUtils.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ConfigurationClassUtils.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/StaticMessageSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/ApplicationEventPublisher.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CacheOperationSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/standard/InstantFormatter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/AbstractMessageSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/ApplicationContextAwareProcessor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/ResourceBundleMessageSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CacheProxyFactoryBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CacheOperationSourcePointcut.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/Cache.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/GenericApplicationContextExtensions.kt

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ConfigurationClass.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/EventListener.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/SmartLifecycle.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/StaticApplicationContext.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/support/ConnectorServerFactoryBean.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jndi/JndiTemplateEditor.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/ApplicationEvent.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/ui/ConcurrentModel.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/ObjectError.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/instrument/classloading/InstrumentationLoadTimeWeaver.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/CacheAnnotationParser.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/ui/Model.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/SimpleApplicationEventMulticaster.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/DefaultMessageSourceResolvable.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/annotation/AnnotationJmxAttributeSource.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/SpringCacheAnnotationParser.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/EventExpressionEvaluator.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/SimpleThreadScope.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jndi/support/SimpleJndiBeanFactory.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/beanvalidation/SpringValidatorAdapter.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/support/StandardScriptFactory.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/weaving/DefaultContextLoadTimeWeaver.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/AnnotatedBeanDefinitionReader.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/ScheduledAnnotationBeanPostProcessor.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/support/TaskUtils.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/access/MBeanClientInterceptor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/config/PropertyPlaceholderBeanDefinitionParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/instrument/classloading/ShadowingClassLoader.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/BeanDefinitionDsl.kt
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/MessageSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/CacheManager.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/support/MBeanServerConnectionFactoryBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/ApplicationListenerMethodAdapter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/AnnotationConfigApplicationContextExtensions.kt
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ClassPathBeanDefinitionScanner.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/ui/ModelMap.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/config/ScheduledTaskRegistrar.java
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 */
/**
 * Indicates that a component is only eligible for registration when all
 * {@linkplain #value specified conditions} match.
 *
 * <p>A <em>condition</em> is any state that can be determined programmatically
```


* before the bean definition is due to be registered (see { @link Condition } for details).

*
 * <p>The { @code @Conditional } annotation may be used in any of the following ways:

- *
- * as a type-level annotation on any class directly or indirectly annotated with { @code @Component }, including { @link Configuration @Configuration } classes
- * as a meta-annotation, for the purpose of composing custom stereotype annotations
- * as a method-level annotation on any { @link Bean @Bean } method
- *

*
 * <p>If a { @code @Configuration } class is marked with { @code @Conditional }, all of the { @code @Bean } methods, { @link Import @Import } annotations, and { @link ComponentScan @ComponentScan } annotations associated with that class will be subject to the conditions.

*
 * <p>NOTE: Inheritance of { @code @Conditional } annotations is not supported; any conditions from superclasses or from overridden methods will not be considered. In order to enforce these semantics, { @code @Conditional } itself is not declared as { @link java.lang.annotation.Inherited @Inherited }; furthermore, any custom composed annotation that is meta-annotated with { @code @Conditional } must not be declared as { @code @Inherited }.

*
 * @author Phillip Webb
 * @author Sam Brannen
 * @since 4.0
 * @see Condition
 */

Found in path(s):

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/Conditional.java

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*/
/**
* {@link FactoryBean} that obtains a WebSphere {@link javax.management.MBeanServer}
* reference through WebSphere's proprietary {@code AdminServiceFactory} API,
* available on WebSphere 5.1 and higher.
*
* <p>Exposes the {@code MBeanServer} for bean references.
*
* <p>This {@code FactoryBean} is a direct alternative to {@link MBeanServerFactoryBean},
* which uses standard JMX 1.2 API to access the platform's {@link MBeanServer}.
*
* <p>See the javadocs for WebSphere's
* <a
href="https://www.ibm.com/support/knowledgecenter/SSEQTJ_9.0.0/com.ibm.websphere.javadoc.doc/web/apidocs
/com/ibm/websphere/management/AdminServiceFactory.html">{@code AdminServiceFactory}</a>
* and
* <a
href="https://www.ibm.com/support/knowledgecenter/SSEQTJ_9.0.0/com.ibm.websphere.javadoc.doc/web/apidocs
/com/ibm/websphere/management/MBeanFactory.html">{@code MBeanFactory}</a>.
*
* @author Juergen Hoeller
* @author Rob Harrop
* @since 2.0.3
* @see javax.management.MBeanServer
* @see MBeanServerFactoryBean
*/

```

Found in path(s):

```

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/jmx/support/WebSphereMBeanServerFactoryBean.java
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```

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- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CacheExpressionRootObject.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/AbstractCachingConfiguration.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/ejb/access/LocalStatelessSessionProxyFactoryBean.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/i18n/LocaleContextHolder.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/EnableCaching.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/AsyncResult.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/ScriptCompilationException.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/AbstractCacheResolver.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/MessageSourceSupport.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/EmbeddedValueResolverAware.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/rmi/RmiInvocationWrapper.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/NameMatchCacheOperationSource.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/standard/DateTimeConverters.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/beanvalidation/BeanValidationPostProcessor.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/ assembler/AbstractReflectiveMBeanInfoAssembler.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/Validator.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/ProxyAsyncConfiguration.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/naming/IdentityNamingStrategy.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/CachingConfigurerSupport.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/expression/MethodBasedEvaluationContext.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jndi/JndiLocatorSupport.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/Lifecycle.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/DirectFieldBindingResult.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/EnableAspectJAutoProxy.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/concurrent/ConcurrentTaskExecutor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CacheableOperation.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/config/ScriptBeanDefinitionParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/joda/JodaTimeConverters.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/FieldError.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ConditionContext.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CachePutOperation.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/ValidationUtils.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/concurrent/ThreadPoolExecutorFactoryBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ImportRegistry.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/standard/DateTimeFormatterFactory.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/AdviceModeImportSelector.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/SchedulingTaskExecutor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/support/MBeanRegistrationSupport.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/DependsOn.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/instrument/classloading/websphere/WebSphereClassPreDefinePlugin.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/AbstractErrors.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/EnableAsync.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/concurrent/ThreadPoolTaskScheduler.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/MessageCodeFormatter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/MBeanExportOperations.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/weaving/AspectJWeavingEnabler.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/annotation/DateTimeFormat.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/EnableScheduling.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CacheResolver.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/LiveBeansView.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/support/ObjectNameManager.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/assembly/MetadataMBeanInfoAssembler.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/GenericGroovyApplicationContext.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/SmartApplicationListener.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jndi/JndiObjectLocator.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/concurrent/ThreadPoolTaskExecutor.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/EnableLoadTimeWeaving.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/BeanMethod.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ScopedProxyCreator.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/AsyncAnnotationAdvisor.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/config/AnnotationDrivenCacheBeanDefinitionParser.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/ejb/access/SimpleRemoteStatelessSessionProxyFactoryBean.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/support/RemoteInvocation.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/BindingResult.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/ApplicationObjectSupport.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/config/MBeanServerBeanDefinitionParser.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/beanvalidation/LocalValidatorFactoryBean.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/PropertySourcesPlaceholderConfigurer.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CacheOperationInvocationContext.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/rmi/RemoteInvocationSerializingExporter.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/config/LangNamespaceUtils.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/BeanPropertyBindingResult.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jndi/JndiCallback.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/AdviceMode.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ConditionEvaluator.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/instrument/classloading/WeavingTransformer.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/config/TaskManagementConfigUtils.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/AbstractPropertyBindingResult.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/MessageSourceAware.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/access/NotificationListenerRegistrar.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ConfigurationClassEnhancer.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/concurrent/ScheduledExecutorFactoryBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/ejb/config/AbstractJndiLocatingBeanDefinitionParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/config/ScriptingDefaultsParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/rmi/JndiRmiClientInterceptor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/DefaultBindingErrorProcessor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/CachingConfigurer.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/SchedulingConfigurer.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/ui/context/support/DelegatingThemeSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/support/RemotingSupport.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/support/SimpleTriggerContext.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/GenericApplicationListener.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CacheEvictOperation.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/support/SimpleHttpServerFactoryBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/RemoteAccessException.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/MBeanExporter.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/MessageSourceAccessor.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/joda/JodaTimeContextHolder.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/support/RemoteInvocationBasedExporter.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/Bean.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/standard/YearFormatter.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jndi/JndiObjectFactoryBean.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/naming/KeyNamingStrategy.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/support/ResourceScriptSource.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/support/FormattingConversionService.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/index/CandidateComponentsIndexLoader.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/SimpleCacheResolver.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/rmi/RmiServiceExporter.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ConfigurationCondition.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/config/CacheAdviceParser.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/BeanAnnotationHelper.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/assembly/SimpleReflectiveMBeanInfoAssembler.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/support/ScheduledMethodRunnable.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/support/DefaultFormattingConversionService.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/ContextTypeMatchClassLoader.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/Profile.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CacheOperationExpressionEvaluator.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/assembly/AbstractConfigurableMBeanInfoAssembler.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/EventExpressionRootObject.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/concurrent/ForkJoinPoolFactoryBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/CachingConfigurationSelector.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ConfigurationMethod.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/ui/context/support/ResourceBundleThemeSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ComponentScanAnnotationParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/support/BindingAwareConcurrentModel.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/standard/DateTimeContextHolder.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/instrument/classloading/ResourceOverridingShadowingClassLoader.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/assembly/MethodNameBasedMBeanInfoAssembler.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/expression/BeanFactoryResolver.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/DateFormat.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/annotation/NumberFormat.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ProfileCondition.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/support/AbstractValueAdaptingCache.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/config/CacheManagementConfigUtils.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/instrument/classloading/ReflectiveLoadTimeWeaver.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/FileSystemXmlApplicationContext.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/AnnotationConfigUtils.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/AsyncConfigurationSelector.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/concurrent/DefaultManagedAwareThreadFactory.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/ApplicationContextHolder.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/support/PeriodicTrigger.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/AsyncAnnotationBeanPostProcessor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/notification/ModelMBeanNotificationPublisher.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/instrument/classloading/weblogic/WebLogicClassLoaderAdapter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jndi/JndiTemplate.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/AbstractAsyncConfiguration.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/GenericApplicationListenerAdapter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/rmi/RmiRegistryFactoryBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/support/CronSequenceGenerator.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/VariableNotAvailableException.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/rmi/JndiRmiServiceExporter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/support/RemoteInvocationResult.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ComponentScanBeanDefinitionParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/Scope.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/ejb/access/AbstractSlsbInvokerInterceptor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/Errors.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/DefaultEventListenerFactory.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/standard/DateTimeFormatterRegistrar.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/expression/CachedExpressionEvaluator.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/bsh/BshScriptUtils.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/SmartValidator.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/standard/MonthFormatter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CacheOperation.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/AbstractBindingResult.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/notification/NotificationPublisher.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/BindException.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/FormatterRegistry.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/support/ScriptFactoryPostProcessor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/AbstractFallbackCacheOperationSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/ProxyCachingConfiguration.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/metadata/ManagedAttribute.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/support/JmxUtils.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/instrument/classloading/websphere/WebSphereClassLoaderAdapter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/DefaultLifecycleProcessor.java
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 */  
/**  
 * Abstract the invocation of a cache operation.  
 *  
 * <p>Does not provide a way to transmit checked exceptions but  
 * provide a special exception that should be used to wrap any  
 * exception that was thrown by the underlying invocation.  
 * Callers are expected to handle this issue type specifically.  
 *  
 * @author Stephane Nicoll  
 * @since 4.1  
 */
```

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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/CacheOperationInvoker.java
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jar/org/springframework/context/LifecycleProcessor.java
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```
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jar/org/springframework/jmx/export/metadata/ManagedOperationParameter.java
```

```
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/jmx/export/SpringModelMBean.java
```

```
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/remoting/support/RemoteInvocationExecutor.java
```

```
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/remoting/support/RemoteInvocationFactory.java
```

```
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/jmx/export/metadata/AbstractJmxAttribute.java
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jar/org/springframework/format/AnnotationFormatterFactory.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/annotation/PropertySources.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/ApplicationContext.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/scheduling/config/ContextLifecycleScheduledTaskRegistrar.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/validation/annotation/Validated.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/validation/beanvalidation/MessageSourceResourceBundleLocator.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/cache/interceptor/BasicOperation.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/scheduling/annotation/AsyncConfigurerSupport.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/joda/ReadablePartialPrinter.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/joda/LocalDateTimeParser.java

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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/joda/ReadableInstantPrinter.java

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jar/org/springframework/format/datetime/joda/MillisecondInstantPrinter.java
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jar/org/springframework/context/i18n/LocaleContext.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/format/datetime/joda/LocalDateParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/validation/beanvalidation/OptionalValidatorFactoryBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/i18n/TimeZoneAwareLocaleContext.java
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jar/org/springframework/jmx/export/assembly/AutodetectCapableMBeanInfoAssembler.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/jmx/access/MBeanInfoRetrievalException.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/format/number/AbstractNumberFormatter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/ui/context/support/UiApplicationContextUtils.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/remoting/RemoteConnectFailureException.java
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jar/org/springframework/jmx/export/MBeanExportException.java
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jar/org/springframework/context/annotation/ScopeMetadata.java
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jar/org/springframework/remoting/rmi/RmiInvocationHandler.java
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jar/org/springframework/ui/context/support/SimpleTheme.java
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jar/org/springframework/context/ApplicationContextException.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/MBeanServerNotFoundException.java

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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/assembly/MBeanInfoAssembler.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/UnableToRegisterMBeanException.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/JmxException.java

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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/BindingResultUtils.java

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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/ContextClosedEvent.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/config/SpringConfiguredBeanDefinitionParser.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/MBeanExporterListener.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/FormatterRegistrar.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/ScriptSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/ContextStartedEvent.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/BindingErrorProcessor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/access/InvalidInvocationException.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/LiveBeansViewMBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/config/TaskNamespaceHandler.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/annotation/AnnotationMBeanExporter.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/RemoteProxyFailureException.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/naming/SelfNaming.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/ui/context/HierarchicalThemeSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/Phased.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/config/SchedulerBeanDefinitionParser.java

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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/support/RemoteInvocationUtils.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/KeyGenerator.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jndi/JndiPropertySource.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/Cacheable.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/CacheEvict.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/TaskScheduler.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/standard/TemporalAccessorParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/Parser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/SchedulingConfiguration.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/rmi/RmiClientInterceptorUtils.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/GenericXmlApplicationContext.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/standard/YearMonthFormatter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/standard/PeriodFormatter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/Printer.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/bsh/BshScriptFactory.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedNotifications.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/config/ExecutorBeanDefinitionParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jndi/JndiLocatorDelegate.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/CachePut.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/standard/DurationFormatter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/interceptor/SimpleKeyGenerator.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/Caching.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/config/AbstractPropertyLoadingBeanDefinitionParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/Primary.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/support/CompositeCacheManager.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/annotation/Schedules.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/config/ScheduledTasksBeanDefinitionParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/config/PropertyOverrideBeanDefinitionParser.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/support/StandardScriptUtils.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ScopeMetadataResolver.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/standard/DateTimeContext.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-

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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/expression/BeanExpressionContextAccessor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/ui/ExtendedModelMap.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/support/ConversionServiceFactoryBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/ejb/access/LocalSlsbInvokerInterceptor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/jmx/export/ assembler/MethodExclusionMBeanInfoAssembler.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/stereotype/Repository.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/format/datetime/DateTimeFormatAnnotationFormatterFactory.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/remoting/support/RemoteExporter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/jndi/JndiAccessor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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 * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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 * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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 * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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 * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
 jar/org/springframework/context/config/MBeanExportBeanDefinitionParser.java
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 * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
 jar/org/springframework/context/i18n/SimpleTimeZoneAwareLocaleContext.java
 * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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 * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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 * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
 jar/org/springframework/context/expression/EnvironmentAccessor.java
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 * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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 * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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jar/org/springframework/remoting/rmi/JndiRmiProxyFactoryBean.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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jar/org/springframework/cache/interceptor/BeanFactoryCacheOperationSourceAdvisor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/jmx/support/NotificationListenerHolder.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/jndi/TypeMismatchNamingException.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/format/datetime/standard/DateTimeFormatterFactoryBean.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/format/datetime/joda/JodaTimeContext.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/jndi/JndiObjectTargetSource.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/scheduling/config/CronTask.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/instrument/classloading/SimpleLoadTimeWeaver.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/support/EmbeddedValueResolutionSupport.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/jmx/export/metadata/ManagedMetric.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/annotation/AspectJAutoProxyRegistrar.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/remoting/support/RemoteAccessor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/support/AbstractXmlApplicationContext.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-

jar/org/springframework/jmx/export/metadata/ManagedResource.java
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jar/org/springframework/format/number/CurrencyStyleFormatter.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/support/ApplicationListenerDetector.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/scheduling/config/TriggerTask.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/context/expression/MapAccessor.java
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- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/number/PercentStyleFormatter.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/joda/DurationFormatter.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/config/LangNamespaceHandler.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedOperationParameter.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/ScriptEvaluator.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/Role.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedNotification.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/PayloadApplicationEvent.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedOperation.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/joda/MonthDayFormatter.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedResource.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/event/EventListenerFactory.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/joda/PeriodFormatter.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/number/money/CurrencyUnitFormatter.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/annotation/CacheConfig.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/datetime/joda/YearMonthFormatter.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scheduling/config/AnnotationDrivenBeanDefinitionParser.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedOperationParameters.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/scripting/support/StandardScriptEvalException.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ImportResource.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/beanvalidation/SpringConstraintValidatorFactory.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/remoting/RemoteTimeoutException.java
- * /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-

jar/org/springframework/context/annotation/ComponentScans.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-
jar/org/springframework/scheduling/support/CronTrigger.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-  
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-  
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-  
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-  
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jar/org/springframework/context/annotation/PropertySource.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/concurrent/ConcurrentMapCache.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/Configuration.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/validation/beanvalidation/MethodValidationInterceptor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/AbstractResourceBasedMessageSource.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/AnnotationBeanNameGenerator.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/index/CandidateComponentsIndex.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ConfigurationClassBeanDefinitionReader.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/ assembler/InterfaceBasedMBeanInfoAssembler.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/AnnotationConfigApplicationContext.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/DeferredImportSelector.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/format/number/money/Jsr354NumberFormatAnnotationFormatterFactory.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ComponentScan.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/support/AbstractRefreshableApplicationContext.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/CommonAnnotationBeanPostProcessor.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/cache/support/NoOpCache.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ScopedProxyMode.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/AutoProxyRegistrar.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ImportSelector.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/ConfigurableApplicationContext.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedAttribute.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/MBeanExportConfiguration.java

* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ClassPathScanningCandidateComponentProvider.java
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* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/context/annotation/ConflictingBeanDefinitionException.java
* /opt/cola/permits/1135880277_1613624409.62/0/spring-context-5-2-7-release-sources-1-jar/org/springframework/jmx/export/notification/NotificationPublisherAware.java

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1.567 exp4j 0.4.8

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```
* /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-
jar/net/objecthunter/exp4j/tokenizer/CloseParenthesesToken.java
* /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-
jar/net/objecthunter/exp4j/tokenizer/VariableToken.java
```

* /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-jar/net/objecthunter/exp4j/tokenizer/FunctionToken.java
* /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-jar/net/objecthunter/exp4j/tokenizer/ArgumentSeparatorToken.java
* /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-jar/net/objecthunter/exp4j/tokenizer/OpenParenthesesToken.java
* /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-jar/net/objecthunter/exp4j/shuntingyard/ShuntingYard.java

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* /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-jar/net/objecthunter/exp4j/function/Function.java

* /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-jar/net/objecthunter/exp4j/Expression.java

* /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-jar/net/objecthunter/exp4j/ExpressionBuilder.java

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- * /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-jar/net/objecthunter/exp4j/operator/Operator.java
- * /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-jar/net/objecthunter/exp4j/tokenizer/NumberToken.java
- * /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-jar/net/objecthunter/exp4j/function/Functions.java
- * /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-jar/net/objecthunter/exp4j/tokenizer/OperatorToken.java
- * /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-jar/net/objecthunter/exp4j/ValidationResult.java
- * /opt/ws_local/PERMITS_SQL/1084394563_1598481158.67/0/exp4j-0-4-8-sources-1-jar/net/objecthunter/exp4j/operator/Operators.java

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1.568 netty-transport 4.1.32.Final

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*/opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/AbstractEventLoop.java
*/opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/embedded/EmbeddedChannelId.java
*/opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/ReflectiveChannelFactory.java
*/opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/ChannelFactory.java
*/opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/PendingWriteQueue.java
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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/bootstrap/BootstrapConfig.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-

jar/io/netty/bootstrap/ServerBootstrapConfig.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/SelectStrategy.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/group/VoidChannelGroupFuture.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/socket/DuplexChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/SelectStrategyFactory.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/WriteBufferWaterMark.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/ChannelOutboundInvoker.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/bootstrap/AbstractBootstrapConfig.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/DefaultSelectStrategyFactory.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/PreferHeapByteBufAllocator.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/FileRegion.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/socket/SocketChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/ChannelFuture.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/SucceededChannelFuture.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/local/LocalChannelRegistry.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/local/LocalServerChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/nio/AbstractNioMessageChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelPromise.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelPipelineException.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelOutboundHandlerAdapter.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/SingleThreadEventLoop.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/SocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/DefaultEventLoopGroup.java
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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/DatagramPacket.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/local/package-info.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelOutboundHandler.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/nio/package-info.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoop.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelPromiseNotifier.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/CombinedChannelDuplexHandler.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/bootstrap/package-info.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ServerChannel.java
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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/Channel.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/DatagramChannelConfig.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/DatagramChannel.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/nio/package-info.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/EventLoopException.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/group/DefaultChannelGroupFuture.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/nio/NioTask.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/FixedRecvByteBufAllocator.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/local/LocalEventLoopGroup.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/embedded/package-info.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelInitializer.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/ServerSocketChannelConfig.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/DefaultChannelConfig.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/embedded/EmbeddedEventLoop.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelException.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/local/LocalAddress.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/group/CombinedIterator.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/AbstractServerChannel.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelOption.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/MultithreadEventLoopGroup.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/oio/AbstractOioMessageChannel.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannel.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/RecvByteBufAllocator.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/EventLoopGroup.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelFlushPromiseNotifier.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/oio/AbstractOioByteChannel.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelHandlerContext.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/nio/NioServerSocketChannel.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/DefaultSocketChannelConfig.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/group/ChannelGroupFuture.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/local/LocalChannel.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/VoidChannelPromise.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/nio/NioEventLoopGroup.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelMetadata.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/group/ChannelGroupFutureListener.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/nio/AbstractNioByteChannel.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/ServerSocketChannel.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/DefaultFileRegion.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/oio/package-info.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannel.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/oio/package-info.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/AbstractChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/nio/AbstractNioChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelInboundHandler.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/group/package-info.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/InternetProtocolFamily.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/nio/NioSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/oio/AbstractOioChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/DefaultEventLoop.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/CompleteChannelFuture.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/bootstrap/AbstractBootstrap.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelInboundHandlerAdapter.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/embedded/EmbeddedSocketAddress.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelPromiseAggregator.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/package-info.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/oio/OioEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/nio/NioEventLoop.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/AbstractChannelHandlerContext.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/package-info.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/DefaultChannelPromise.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/embedded/EmbeddedChannel.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/bootstrap/ServerBootstrap.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/DefaultChannelPipeline.java

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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/DefaultMessageSizeEstimator.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/group/ChannelGroup.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/DefaultChannelId.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/group/ChannelMatcher.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/AddressedEnvelope.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelProgressivePromise.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/DefaultAddressedEnvelope.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelProgressiveFutureListener.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/DefaultChannelProgressivePromise.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/group/ChannelGroupException.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-

jar/io/netty/channel/ChannelProgressiveFuture.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/nio/SelectedSelectionKeySet.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/AbstractEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/group/DefaultChannelGroup.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/SimpleChannelInboundHandler.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/ConnectTimeoutException.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/ChannelId.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/group/ChannelMatchers.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/bootstrap/ChannelFactory.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/ChannelOutboundBuffer.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/MessageSizeEstimator.java
* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
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*/

/**

* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its { @link ChannelPipeline }.

*

* <h3>Sub-types</h3>

* <p>

* { @link ChannelHandler } itself does not provide many methods, but you usually have to implement one of its subtypes:

*

* { @link ChannelInboundHandler } to handle inbound I/O events, and

* { @link ChannelOutboundHandler } to handle outbound I/O operations.

*

* </p>

* <p>

* Alternatively, the following adapter classes are provided for your convenience:

*

* { @link ChannelInboundHandlerAdapter } to handle inbound I/O events,

* { @link ChannelOutboundHandlerAdapter } to handle outbound I/O operations, and

* { @link ChannelDuplexHandler } to handle both inbound and outbound events

*

* </p>

* <p>

* For more information, please refer to the documentation of each subtype.

* </p>

*

* <h3>The context object</h3>

* <p>

* A { @link ChannelHandler } is provided with a { @link ChannelHandlerContext }

* object. A { @link ChannelHandler } is supposed to interact with the

* { @link ChannelPipeline } it belongs to via a context object. Using the

* context object, the { @link ChannelHandler } can pass events upstream or

* downstream, modify the pipeline dynamically, or store the information

* (using { @link AttributeKey }s) which is specific to the handler.

*

* <h3>State management</h3>

*

* A { @link ChannelHandler } often needs to store some stateful information.

* The simplest and recommended approach is to use member variables:

* <pre>

```
* public interface Message {
```

```
*     // your methods here
```

```
* }
```

```
* 
```

```
* public class DataServerHandler extends { @link SimpleChannelInboundHandler } &lt;Message &gt; {
```

```
* 
```

```
*     <b>private boolean loggedIn;</b>
```

```
* 
```

```
*     { @code @Override }
```

```
*     public void channelRead0({ @link ChannelHandlerContext } ctx, Message message) {
```

```
*         if (message instanceof LoginMessage) {
```

```
*             authenticate((LoginMessage) message);
```

```
*             <b>loggedIn = true;</b>
```

```
*         } else (message instanceof GetDataMessage) {
```

```
*             if (<b>loggedIn</b>) {
```

```

*         ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*     } else {
*         fail();
*     }
* }
* }
* ...
* }
* </pre>

```

* Because the handler instance has a state variable which is dedicated to one connection, you have to create a new handler instance for each new channel to avoid a race condition where a unauthenticated client can get the confidential information:

```

* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>

```

* <h4>Using {@link AttributeKey}s</h4>

* Although it's recommended to use member variables to store the state of a handler, for some reason you might not want to create many handler instances. In such a case, you can use {@link AttributeKey}s which is provided by

```

* {@link ChannelHandlerContext}:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*         {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {

```

```

*     if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*         ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*     } else {
*         fail();
*     }
* }
* }
* ...
* }
* </pre>

```

* Now that the state of the handler is attached to the { @link ChannelHandlerContext }, you can add the same handler instance to different pipelines:

```

* <pre>
* public class DataServerInitializer extends { @link ChannelInitializer } &lt; { @link Channel } &gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     { @code @Override }
*     public void initChannel({ @link Channel } channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>

```

* <h4>The { @code @Sharable } annotation</h4>

* <p>In the example above which used an { @link AttributeKey }, you might have noticed the { @code @Sharable } annotation.

* <p>If a { @link ChannelHandler } is annotated with the { @code @Sharable } annotation, it means you can create an instance of the handler just once and add it to one or more { @link ChannelPipeline }s multiple times without a race condition.

* <p>If this annotation is not specified, you have to create a new handler instance every time you add it to a pipeline because it has unshared state such as member variables.

* <p>This annotation is provided for documentation purpose, just like the JCIP annotations.

* <h3>Additional resources worth reading</h3>

* <p>Please refer to the { @link ChannelHandler }, and { @link ChannelPipeline } to find out more about inbound and outbound operations, what fundamental differences they have, how they flow in a pipeline, and how to handle the operation in your application.

*/

Found in path(s):

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelHandler.java

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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/META-INF/maven/io.netty/netty-transport/pom.xml

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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/DefaultChannelHandlerContext.java

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```
 * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/pool/AbstractChannelPoolMap.java
 * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/pool/ChannelHealthChecker.java
 * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/pool/AbstractChannelPoolHandler.java
 * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java
 * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/pool/ChannelPool.java
 * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/pool/package-info.java
 * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java
 * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/pool/SimpleChannelPool.java
 * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/pool/ChannelPoolHandler.java
 * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java
 * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/pool/ChannelPoolMap.java
 * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
 * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/pool/FixedChannelPool.java
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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/CoalescingBufferQueue.java

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jar/io/netty/channel/SimpleUserEventChannelHandler.java

* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-
jar/io/netty/channel/socket/nio/NioChannelOption.java

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- * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
- * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/internal/package-info.java
- * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
- * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/bootstrap/FailedChannel.java
- * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/PendingBytesTracker.java
- * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/internal/ChannelUtils.java
- * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
- * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
- * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
- * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
- * /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java

1.569 readable-stream 2.3.7

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1.571 insserv 1.18.0-2

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3.0.6.RELEASE

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1.573 e2fsprogs 1.46.2-1~bpo10+2

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This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from <http://sourceforge.net/projects/e2fsprogs>

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#

This is a Makefile stub which handles the creation of BSD shared libraries.

#

In order to use this stub, the following makefile variables must be defined.

#

BSDLIB_VERSION = 1.0

BSDLIB_IMAGE = libce

BSDLIB_MYDIR = et

BSDLIB_INSTALL_DIR = \$(SHLIBDIR)

#

all:: image

real-subdirs:: Makefile

@echo " MKDIR pic"

@mkdir -p pic

BSD_LIB = \$(BSDLIB_IMAGE).so.\$(BSDLIB_VERSION)

BSDLIB_PIC_FLAG = -fpic

image: \$(BSD_LIB)

\$(BSD_LIB): \$(OBJS)

(cd pic; ld -Bshareable -o \$(BSD_LIB) \$(LDFLAGS_SHLIB) \$(OBJS))

\$(MV) pic/\$(BSD_LIB) .

\$(RM) -f ../\$(BSD_LIB)


```
(cd ..; $(LN) $(LINK_BUILD_FLAGS) \  
`echo $(my_dir) | sed -e 's;lib/;;'/'$(BSD_LIB) $(BSD_LIB))
```

```
install-shlibs install:: $(BSD_LIB)  
@echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"  
@$(INSTALL_PROGRAM) $(BSD_LIB) \  
$(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)  
@-$(LDCONFIG)
```

install-strip: install

install-shlibs-strip:: install-shlibs

```
uninstall-shlibs uninstall::  
$(RM) -f $(DESTDIR)$ (BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
clean::  
$(RM) -rf pic  
$(RM) -f $(BSD_LIB)  
$(RM) -f ../$(BSD_LIB)
```

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c

+++ tdbsa/tdb.c

@@ -4,11 +4,11 @@ Rev: 23371

Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

*/

/*

- Unix SMB/CIFS implementation.
- + trivial database library - standalone version

- trivial database library - private includes
-
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Theodore Ts'o
23-June-2007

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That's all there is to it!

This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

<http://sourceforge.net/projects/e2fsprogs>

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the `ss` command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
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Gadi Oxman, August 1995

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1.574 libphonenumber 8.0.0

1.575 classmate 1.5.1

1.575.1 Available under license :

Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

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1.576 zlib 1.2.8

1.576.1 Available under license :

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.11, January 15th, 2017
```

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jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

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1.577 stateless4j 2.5.0

1.577.1 Available under license :

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* /opt/cola/permits/1320330290_1651524963.22/0/stateless4j-2-5-0-sources-7-

jar/com/github/oxo42/stateless4j/delegates/FuncBoolean.java

* /opt/cola/permits/1320330290_1651524963.22/0/stateless4j-2-5-0-sources-7-jar/com/github/oxo42/stateless4j/OutVar.java

1.578 systemd 241-7~deb10u7

1.578.1 Available under license :

Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: systemd

Upstream-Contact: systemd-devel@lists.freedesktop.org

Source: <https://www.freedesktop.org/wiki/Software/systemd/>

Files: *

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1.579 python-nacl 1.3.0-2

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1.580 spring-cloud-starter-vault-config

2.2.3.RELEASE

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* /opt/ws_local/PERMITS_SQL/1072599161_1595015349.82/0/netty-handler-proxy-4-1-32-final-sources-1-jar/io/netty/handler/proxy/ProxyHandler.java

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* /opt/ws_local/PERMITS_SQL/1072599161_1595015349.82/0/netty-handler-proxy-4-1-32-final-sources-1-jar/io/netty/handler/proxy/ProxyConnectException.java

* /opt/ws_local/PERMITS_SQL/1072599161_1595015349.82/0/netty-handler-proxy-4-1-32-final-sources-1-jar/io/netty/handler/proxy/ProxyConnectionEvent.java

* /opt/ws_local/PERMITS_SQL/1072599161_1595015349.82/0/netty-handler-proxy-4-1-32-final-sources-1-jar/io/netty/handler/proxy/HttpProxyHandler.java

* /opt/ws_local/PERMITS_SQL/1072599161_1595015349.82/0/netty-handler-proxy-4-1-32-final-sources-1-jar/io/netty/handler/proxy/Socks4ProxyHandler.java

1.583 xz 5.2.4 1

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Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>

<https://tukaani.org/xz/lists.html>

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Origin: configure.ac from XZ Utils,

visibility.m4 serial 1 (gettext-0.15),

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```
# COPYING.other                -*- org -*-  
#+TITLE: List of code with permissive licenses as used by GnuPG.  
#+STARTUP: showall
```

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.586 mockserver-client-java 5.5.1

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1.587 split-js 1.6.2

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*/opt/cola/permits/1135880368_1613624434.86/0/spring-jcl-5-2-7-release-sources-1-
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1.593 mapstruct 1.3.1.Final

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1.594 jackson-module-parameter-names

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1.595 angular-compiler 9.0.7

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1.596 animate 4.1.0

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1.597 pynacl 1.3.0

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1.598 springfox-spring-webflux 3.0.0

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 *
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Found in path(s):

```
*/opt/ws_local/PERMITS_SQL/1082519010_1597959698.08/0/springfox-spring-webflux-3-0-0-sources-
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 *
 */
```

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- * /opt/ws_local/PERMITS_SQL/1082519010_1597959698.08/0/springfox-spring-webflux-3-0-0-sources-jar/springfox/documentation/spring/web/WebFluxNameValueExpressionWrapper.java
- * /opt/ws_local/PERMITS_SQL/1082519010_1597959698.08/0/springfox-spring-webflux-3-0-0-sources-jar/springfox/documentation/spring/web/WebFluxPatternsRequestConditionWrapper.java

1.599 spring-cloud-starter-sleuth

2.2.3.RELEASE

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- * /opt/cola/permits/1096695404_1607387584.25/0/spring-cloud-starter-sleuth-2-2-3-release-jar/META-INF/maven/org.springframework.cloud/spring-cloud-starter-sleuth/pom.xml

1.600 xmlunit-core 2.6.2

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* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/builder/DiffBuilder.java

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* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/ChildNodeXPathContextProvider.java

* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/ConfigurationException.java

* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/validation/ParsingValidator.java

* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-

jar/org/xmlunit/util/TransformerFactoryConfigurer.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/xpath/XPathEngine.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/xpath/JAXPXPathEngine.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/builder/Transform.java
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jar/org/xmlunit/diff/Comparison.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/validation/ValidationHandler.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/Diff.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/builder/Input.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/DifferenceEngine.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/DefaultNodeMatcher.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/util/IterableNodeList.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/input/WhitespaceNormalizedSource.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/NodeMatcher.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/ElementSelector.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/util/Nodes.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/ComparisonListener.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/XPathContext.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/validation/ValidationResult.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/DefaultComparisonFormatter.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/ComparisonListenerSupport.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/builder/AbstractTransformationBuilder.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/ComparisonControllers.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/NodeFilters.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/DifferenceEvaluator.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/AbstractDifferenceEngine.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/validation/Validator.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/diff/package-info.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/input/ElementContentWhitespaceStrippedSource.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/builder/TransformationBuilderInterface.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/util/package-info.java

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* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/util/Convert.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-
jar/org/xmlunit/transform/Transformation.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-
jar/org/xmlunit/XMLUnitException.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-
jar/org/xmlunit/input/CommentLessSource.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/org/xmlunit/util/Mapper.java
* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-
jar/org/xmlunit/diff/ByNameAndTextRecSelector.java
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* /opt/cola/permits/1138242170_1614277467.51/0/xmlunit-core-2-6-2-sources-1-jar/META-INF/maven/org.xmlunit/xmlunit-core/pom.xml
```

1.601 jakarta-validation-api 2.0.2

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```
/*
* Jakarta Bean Validation API
*
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*/
```

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jar/javax/validation/metadata/CascadableDescriptor.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
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jar/javax/validation/ConstraintTarget.java
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jar/javax/validation/constraints/Null.java
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jar/javax/validation/UnexpectedTypeException.java
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jar/javax/validation/Path.java
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jar/javax/validation/NoProviderFoundException.java
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* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
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jar/javax/validation/ConstraintDeclarationException.java
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* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/constraints/Past.java

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* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/META-INF/maven/jakarta.validation/jakarta.validation-api/pom.xml

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* /opt/cola/permits/1135892588_1613626871.52/0/spring-cloud-consul-core-2-2-3-release-sources-1-jar/org.springframework.cloud.consul/ConsulHealthIndicator.java

* /opt/cola/permits/1135892588_1613626871.52/0/spring-cloud-consul-core-2-2-3-release-sources-1-jar/org/springframework/cloud/consul/ConditionalOnConsulEnabled.java
* /opt/cola/permits/1135892588_1613626871.52/0/spring-cloud-consul-core-2-2-3-release-sources-1-jar/org/springframework/cloud/consul/RetryProperties.java
* /opt/cola/permits/1135892588_1613626871.52/0/spring-cloud-consul-core-2-2-3-release-sources-1-jar/org/springframework/cloud/consul/model/SerfStatusEnum.java
* /opt/cola/permits/1135892588_1613626871.52/0/spring-cloud-consul-core-2-2-3-release-sources-1-jar/org/springframework/cloud/consul/ConsulAutoConfiguration.java
* /opt/cola/permits/1135892588_1613626871.52/0/spring-cloud-consul-core-2-2-3-release-sources-1-jar/org/springframework/cloud/consul/ConsulEndpoint.java

1.604 spring-security-jwt 2.1.1

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jar/com/mercateo/spring/security/jwt/security/config/JWTSecurityConfiguration.java
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jar/com/mercateo/spring/security/jwt/token/config/_JWTConfigData.java
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jar/com/mercateo/spring/security/jwt/token/extractor/ClaimsValidator.java
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jar/com/mercateo/spring/security/jwt/security/JWTPrincipal.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/token/exception/TokenException.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/token/keyset/JWTKeyset.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/token/extractor/HierarchicalClaimsExtractor.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/token/extractor/ClaimExtractor.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/token/verifier/JWTVerifier.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/security/JWTAuthenticationProvider.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/token/verifier/TokenVerifier.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/token/extractor/InnerClaimsWrapper.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/token/claim/_JWTClaims.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/security/config/_JWTSecurityConfig.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/token/exception/MissingClaimException.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/token/claim/_JWTClaim.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/security/JWTAuthenticationSuccessHandler.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/token/verifier/JWTVerifierFactory.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/token/keyset/AuthJWTKeyset.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/security/JWTAuthenticationEntryPoint.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-

jar/com/mercateo/spring/security/jwt/data/ClaimName.java
* /opt/cola/permits/1136061479_1613670284.23/0/spring-security-jwt-2-1-1-sources-1-
jar/com/mercateo/spring/security/jwt/token/extractor/ValidatingHierarchicalClaimsExtractor.java

1.605 servlet-api 3.1.0

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2009, 2014 Iaki Larraaga Murgoitio <dooteo@zundan.com>

License: GPL-2

Files: debian/po/fi.po

Copyright: 2009, 2014 Esko Arajrvi <edu@iki.fi>

License: GPL-2

Files: debian/po/fr.po

Copyright: 2007 Eric Madesclair <eric-m@wanadoo.fr>

2009, 2014 Christian Perrier <bubulle@debian.org>

2018 Jean-Pierre Giraud <jean-pierregiraud@neuf.fr>

License: GPL-2

Files: debian/po/gl.po

Copyright: 2006, 2007 Jacobo Tarrío <jtarrío@debian.org>

2009 Marce Villarino <mvillarino@gmail.com>

License: GPL-2

Files: debian/po/it.po

Copyright: 2005-2010 Luca Bruno <lucab@debian.org>

License: GPL-2

Files: debian/po/ja.po

Copyright: 2018 Kenshi Muto <kmuto@debian.org>

License: GPL-2

Files: debian/po/nl.po

Copyright: 2006 Kurt De Bree <kdebree@telenet.be>

2011 Jeroen Schot <schot@a-eskwadmaat.nl>

2016 Frans Spiesschaert <Frans.Spiesschaert@yucom.be>

License: GPL-2

Files: debian/po/pl.po

Copyright: 2007 Wojciech Zarba <wojtekz@comp.waw.pl>

2012, 2014 Micha Kuach <michal.kulach@gmail.com>

License: GPL-2

Files: debian/po/pt_BR.po

Copyright: 2010 Flamarion Jorge <jorge.flamarion@gmail.com>
2014-2018 Adriano Rafael Gomes <adrianorg@debian.org>
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Files: debian/po/pt.po
Copyright: 2007 Bruno Queiros <brunomiguelqueiros@sapo.pt>
2010-2018 Amrico Monteiro <a_monteiro@gmx.com>
License: GPL-2

Files: debian/po/ru.po
Copyright: 2006, 2007 Yuri Kozlov <kozlov.y@gmail.com>
2009, 2014, 2018 Yuri Kozlov <yuray@komyakino.ru>
License: GPL-2

Files: debian/po/sk.po
Copyright: 2011, 2014 Slavko <linux@slavino.sk>
License: GPL-2

Files: debian/po/sv.po
Copyright: 2007 Daniel Nylander <po@danielnylander.se>
2009, 2014 Martin Bagge <brother@bsnet.se>
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Files: debian/po/vi.po
Copyright: 2005-2009 Clytie Siddall <clytie@riverland.net.au>
License: GPL-2

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Srivastava <srivasta@debian.org>

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1.608 libxtst 1.2.3-1

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1.609 angular-forms 9.0.7

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 */
```

Found in path(s):

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tgz/package/esm2015/src/directives/ng_no_validate_directive.js
* /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-
tgz/package/esm2015/src/directives/reactive_directives/form_control_name.js
* /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-
tgz/package/esm5/src/directives/default_value_accessor.js
* /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-
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tgz/package/esm2015/src/directives/reactive_directives/form_control_directive.js
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 * /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/esm5/src/directives/ng_form.js
 * /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/esm5/src/version.js
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 * /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/esm5/src/form_builder.js
 * /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-
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 * /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/esm5/index.js
 * /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/esm5/public_api.js
 * /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-
 tgz/package/esm2015/src/directives/reactive_directives/form_group_name.js
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 * /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-
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* /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/esm5/src/directives/form_interface.js
* /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/esm5/src/directives/reactive_directives/form_control_name.js
* /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/esm5/src/directives/control_container.js
* /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/esm5/src/directives/reactive_directives/form_control_directive.js
* /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/esm5/src/form_providers.js
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 */
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Found in path(s):
* /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/fesm2015/forms.js
* /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/fesm5/forms.js
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```

Found in path(s):

- * /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/bundles/forms.umd.js
- * /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/bundles/forms.umd.min.js

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 * License: MIT
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- * /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/forms.d.ts

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```

```

ackages/forms/index.ts", "../..../..../packages/forms/forms.ts"], "sourcesContent":["/**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n *\n\nimport {InjectionToken} from
'@angular/core';\n\n/**\n * @description\n * Defines an interface that acts as a bridge between the Angular forms
API and a\n * native element in the DOM.\n *\n * Implement this interface to create a custom form control
directive\n * that integrates with Angular forms.\n *\n * @see DefaultValueAccessor\n *\n * @publicApi\n
*/\nexport interface ControlValueAccessor {\n  /**\n   * @description\n   * Writes a new value to the element.\n
*\n   * This method is called by the forms API to write to the view when programmatic\n   * changes from model to
view are requested.\n   *\n   * @usageNotes\n   * ### Write a value to the element\n   * The following example
writes a value to the native DOM element.\n   *\n   * ```ts\n   * writeValue(value: any): void {\n   *
this._renderer.setProperty(this._elementRef.nativeElement, 'value', value);\n   * }\n   * ```\n   *\n   * @param obj
The new value for the element\n   */\n  writeValue(obj: any): void;\n  /**\n   * @description\n   * Registers a
callback function that is called when the control's value\n   * changes in the UI.\n   *\n   * This method is called by
the forms API on initialization to update the form\n   * model when values propagate from the view to the model.\n
*\n   * When implementing the `registerOnChange` method in your own value accessor,\n   * save the given
function so your class calls it at the appropriate time.\n   *\n   * @usageNotes\n   * ### Store the change function\n
*\n   * The following example stores the provided function as an internal method.\n   *\n   * ```ts\n   *
registerOnChange(fn: (_: any) => void): void {\n   *   this._onChange = fn;\n   * }\n   * ```\n   *\n   * When the value
changes in the UI, call the registered\n   * function to allow the forms API to update itself:\n   *\n   * ```ts\n   * host:
{\n   *   '(change)': '_onChange($event.target.value)\n   * }\n   * ```\n   *\n   * @param fn The callback function to
register\n   */\n  registerOnChange(fn: any): void;\n  /**\n   * @description\n   * Registers a callback function is
called by the forms API on initialization\n   * to update the form model on blur.\n   *\n   * When implementing
`registerOnTouched` in your own value accessor, save the given\n   * function so your class calls it when the control
should be considered\n   * blurred or `touched`.\n   *\n   * @usageNotes\n   * ### Store the callback function\n
*\n   * The following example stores the provided function as an internal method.\n   *\n   * ```ts\n   *
registerOnTouched(fn: any): void {\n   *   this._onTouched = fn;\n   * }\n   * ```\n   *\n   * On blur (or equivalent),
your class should call the registered function to allow\n   * the forms API to update itself:\n   *\n   * ```ts\n   * host:
{\n   *   '(blur)': '_onTouched()\n   * }\n   * ```\n   *\n   * @param fn The callback function to register\n   */\n
registerOnTouched(fn: any): void;\n  /**\n   * @description\n   * Function that is called by the forms API when
the control status changes to\n   * or from 'DISABLED'. Depending on the status, it enables or disables the\n   *
appropriate DOM element.\n   *\n   * @usageNotes\n   * The following is an example of writing the disabled
property to a native DOM element:\n   *\n   * ```ts\n   * setDisabledState(isDisabled: boolean): void {\n   *
this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n   * }\n   * ```\n   *\n   * @param
isDisabled The disabled status to set on the element\n   */\n  setDisabledState?(isDisabled: boolean):
void;\n}\n\n/**\n * Used to provide a `ControlValueAccessor` for form controls.\n *\n * See
`DefaultValueAccessor` for how to implement one.\n *\n * @publicApi\n */\nexport const
NG_VALUE_ACCESSOR = new InjectionToken<ControlValueAccessor>('NgValueAccessor');\n\n", /**\n *
@license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nimport {Directive,
ElementRef, Renderer2, forwardRef} from '@angular/core';\n\nimport {ControlValueAccessor,
NG_VALUE_ACCESSOR} from './control_value_accessor';\n\nexport const CHECKBOX_VALUE_ACCESSOR:
any = {\n  provide: NG_VALUE_ACCESSOR,\n  useExisting: forwardRef(() =>
CheckboxControlValueAccessor),\n  multi: true,\n};\n\n/**\n * @description\n * A `ControlValueAccessor` for
writing a value and listening to changes on a checkbox input\n * element.\n *\n * @usageNotes\n * ### Using a
checkbox with a reactive form.\n *\n * The following example shows how to use a checkbox with a reactive form.\n
*\n * ```ts\n * const rememberLoginControl = new FormControl();\n * ```\n *\n * ```\n * <input type="checkbox"\n * [formControl]="rememberLoginControl">\n * ```\n *\n * @ngModule ReactiveFormsModule\n * @ngModule
FormsModule\n * @publicApi\n */\n@Directive({\n  selector:\n

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input element.\n * \n * @param value The checked value\n * \n writeValue(value: any): void {\n  const
normalizedValue = value == null ? " : value;\n  this._renderer.setProperty(this._elementRef.nativeElement, 'value',
normalizedValue);\n }\n\n /** \n * @description\n * Registers a function called when the control value
changes.\n * \n * @param fn The callback function\n * \n registerOnChange(fn: (_: any) => void): void {\n
this.onChange = fn; }\n\n /** \n * @description\n * Registers a function called when the control is touched.\n
*\n * @param fn The callback function\n * \n registerOnTouched(fn: () => void): void {\n  this.onTouched = fn;
}\n\n /** \n * Sets the \"disabled\" property on the input element.\n * \n * @param isDisabled The disabled
value\n * \n setDisabledState(isDisabled: boolean): void {\n
this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n }\n\n /** @internal *\n
_handleInput(value: any): void {\n  if (!this._compositionMode || (this._compositionMode && !this._composing))
{\n    this.onChange(value);\n  }\n }\n\n /** @internal *\n _compositionStart(): void {\n  this._composing = true;
}\n\n /** @internal *\n _compositionEnd(value: any): void {\n  this._composing = false;\n
this._compositionMode && this.onChange(value);\n }\n}\n\n", /** \n * @license\n * Copyright Google Inc. All
Rights Reserved.\n * \n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n * \n\nimport {Observable} from 'rxjs';\nimport {AbstractControl} from
'./model';\nimport {ValidationErrors} from './validators';\n\n/** \n * @description\n * Base class for control
directives.\n * \n * This class is only used internally in the `ReactiveFormsModule` and the `FormsModule`.\n * \n *
@publicApi\n * \n\nexport abstract class AbstractControlDirective {\n  /** \n * @description\n * A reference to the
underlying control.\n * \n * @returns the control that backs this directive. Most properties fall through to that
instance.\n * \n abstract get control(): AbstractControl|null;\n\n  /** \n * @description\n * Reports the value of
the control if it is present, otherwise null.\n * \n get value(): any {\n  return this.control ? this.control.value : null;
}\n\n  /** \n * @description\n * Reports whether the control is valid. A control is considered valid if no\n *
validation errors exist with the current value.\n * \n * If the control is not present, null is returned.\n * \n get valid():
boolean|null {\n  return this.control ? this.control.valid : null; }\n\n  /** \n * @description\n * Reports whether the
control is invalid, meaning that an error exists in the input value.\n * \n * If the control is not present, null is returned.\n
*\n get invalid(): boolean|null {\n  return this.control ? this.control.invalid : null; }\n\n  /** \n * @description\n *
Reports whether a control is pending, meaning that that async validation is occurring and\n * errors are not yet
available for the input value. If the control is not present, null is\n * returned.\n * \n get pending(): boolean|null {\n
return this.control ? this.control.pending : null; }\n\n  /** \n * @description\n * Reports whether the control is
disabled, meaning that the control is disabled\n * in the UI and is exempt from validation checks and excluded
from aggregate\n * values of ancestor controls. If the control is not present, null is returned.\n * \n get disabled():
boolean|null {\n  return this.control ? this.control.disabled : null; }\n\n  /** \n * @description\n * Reports whether
the control is enabled, meaning that the control is included in ancestor\n * calculations of validity or value. If the
control is not present, null is returned.\n * \n get enabled(): boolean|null {\n  return this.control ? this.control.enabled
: null; }\n\n  /** \n * @description\n * Reports the control's validation errors. If the control is not present, null is
returned.\n * \n get errors(): ValidationErrors|null {\n  return this.control ? this.control.errors : null; }\n\n  /** \n *
@description\n * Reports whether the control is pristine, meaning that the user has not yet changed\n * the value
in the UI. If the control is not present, null is returned.\n * \n get pristine(): boolean|null {\n  return this.control ?
this.control.pristine : null; }\n\n  /** \n * @description\n * Reports whether the control is dirty, meaning that the
user has changed\n * the value in the UI. If the control is not present, null is returned.\n * \n get dirty():
boolean|null {\n  return this.control ? this.control.dirty : null; }\n\n  /** \n * @description\n * Reports whether the
control is touched, meaning that the user has triggered\n * a `blur` event on it. If the control is not present, null is
returned.\n * \n get touched(): boolean|null {\n  return this.control ? this.control.touched : null; }\n\n  /** \n *
@description\n * Reports the validation status of the control. Possible values include:\n * `VALID`, `INVALID`,
`DISABLED`, and `PENDING`.\n * \n * If the control is not present, null is returned.\n * \n get status(): string|null {\n
return this.control ? this.control.status : null; }\n\n  /** \n * @description\n * Reports whether the control is
untouched, meaning that the user has not yet triggered\n * a `blur` event on it. If the control is not present, null is
returned.\n * \n get untouched(): boolean|null {\n  return this.control ? this.control.untouched : null; }\n\n  /** \n *

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    @description\n * Returns a multicasting observable that emits a validation status whenever it is\n * calculated for the control. If the control is not present, null is returned.\n */\n get statusChanges(): Observable<any>|null {\n return this.control ? this.control.statusChanges : null;\n }\n\n **\n * @description\n * Returns a multicasting observable of value changes for the control that emits every time the\n * value of the control changes in the UI or programmatically.\n * If the control is not present, null is returned.\n */\n get valueChanges():\n Observable<any>|null {\n return this.control ? this.control.valueChanges : null;\n }\n\n **\n * @description\n * Returns an array that represents the path from the top-level form to this control.\n * Each index is the string name of the control on that level.\n */\n get path(): string[]|null { return null; }\n\n **\n * @description\n * Resets the control with the provided value if the control is present.\n */\n reset(value: any = undefined): void {\n if (this.control) this.control.reset(value);\n }\n\n **\n * @description\n * Reports whether the control with the given path has the error specified.\n *\n * @param errorCode The code of the error to check\n * @param path A list of control names that designates how to move from the current control\n * to the control that should be queried for errors.\n *\n * @usageNotes\n * For example, for the following `FormGroup`:\n *\n * ```\n * form = new FormGroup({\n *   address: new FormGroup({ street: new FormControl() })\n * });\n * ```\n *\n * The path to the 'street' control from the root form would be 'address' -> 'street'.\n *\n * It can be provided to this method in one of two formats:\n *\n * 1. An array of string control names, e.g. `['address', 'street']`\n * 1. A period-delimited list of control names in one string, e.g. `address.street`\n *\n * If no path is given, this method checks for the error on the current control.\n *\n * @returns whether the given error is present in the control at the given path.\n *\n * If the control is not present, false is returned.\n */\n hasError(errorCode: string, path?:\n Array<string|number>|string): boolean {\n return this.control ? this.control.hasError(errorCode, path) : false;\n }\n\n **\n * @description\n * Reports error data for the control with the given path.\n *\n * @param errorCode The code of the error to check\n * @param path A list of control names that designates how to move from the current control\n * to the control that should be queried for errors.\n *\n * @usageNotes\n * For example, for the following `FormGroup`:\n *\n * ```\n * form = new FormGroup({\n *   address: new FormGroup({ street: new FormControl() })\n * });\n * ```\n *\n * The path to the 'street' control from the root form would be 'address' -> 'street'.\n *\n * It can be provided to this method in one of two formats:\n *\n * 1. An array of string control names, e.g. `['address', 'street']`\n * 1. A period-delimited list of control names in one string, e.g. `address.street`\n *\n * @returns error data for that particular error. If the control or error is not present,\n * null is returned.\n */\n getError(errorCode: string, path?: Array<string|number>|string): any {\n return this.control ? this.control.getError(errorCode, path) : null;\n }\n\n **\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport { AbstractControlDirective } from './abstract_control_directive';\nimport { Form } from './form_interface';\n\n**\n * @description\n * A base class for directives that contain multiple registered instances of `NgControl`.\n * Only used by the forms module.\n *\n * @publicApi\n */\nexport abstract class ControlContainer extends AbstractControlDirective {\n **\n * @description\n * The name for the control\n */\n // TODO(issue/24571): remove '!'.\n name!: string | number | null;\n\n **\n * @description\n * The top-level form directive for the control.\n */\n get formDirective(): Form | null { return null; }\n\n **\n * @description\n * The path to this group.\n */\n get path(): string[] | null { return null; }\n}\n\n**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport { AbstractControlDirective } from './abstract_control_directive';\nimport { ControlContainer } from './control_container';\nimport { ControlValueAccessor } from './control_value_accessor';\nimport { AsyncValidator, AsyncValidatorFn, Validator, ValidatorFn } from './validators';\n\nfunction unimplemented(): any {\n throw new Error('unimplemented');\n}\n\n**\n * @description\n * A base class that all control `FormControl`-based directives extend. It binds a `FormControl`\n * object to a DOM element.\n *\n * @publicApi\n */\nexport abstract class NgControl extends AbstractControlDirective {\n **\n * @description\n * The parent form for the control.\n *\n * @internal\n */\n _parent: ControlContainer | null = null;\n\n **\n * @description\n * The name for the control\n */\n name: string | number | null = null;\n\n **\n * @description\n * The value accessor for the

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control\n *^n valueAccessor: ControlValueAccessor|null = null;\n\n /**\n * @description\n * The uncomposed
array of synchronous validators for the control\n *\n * @internal\n *^n _rawValidators:
Array<Validator|ValidatorFn> = [];\n\n /**\n * @description\n * The uncomposed array of async validators for
the control\n *\n * @internal\n *^n _rawAsyncValidators: Array<AsyncValidator|AsyncValidatorFn> = [];\n\n
/**\n * @description\n * The registered synchronous validator function for the control\n *\n * @throws An
exception that this method is not implemented\n *^n get validator(): ValidatorFn|null { return
<ValidatorFn>unimplemented(); }\n\n /**\n * @description\n * The registered async validator function for the
control\n *\n * @throws An exception that this method is not implemented\n *^n get asyncValidator():
AsyncValidatorFn|null { return <AsyncValidatorFn>unimplemented(); }\n\n /**\n * @description\n * The
callback method to update the model from the view when requested\n *\n * @param newValue The new value for
the view\n *^n abstract viewToModelUpdate(newValue: any): void;\n}\n", "/*\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n *^n\nimport {Directive, Self} from
'@angular/core';\n\nimport {AbstractControlDirective} from './abstract_control_directive';\n\nimport
{ControlContainer} from './control_container';\n\nimport {NgControl} from './ng_control';\n\nexport class
AbstractControlStatus {\n private _cd: AbstractControlDirective;\n\n constructor(cd: AbstractControlDirective) {\n
this._cd = cd; }\n\n get ngClassUntouched(): boolean { return this._cd.control ? this._cd.control.untouched : false;
}\n\n get ngClassTouched(): boolean { return this._cd.control ? this._cd.control.touched : false; }\n\n get
ngClassPristine(): boolean { return this._cd.control ? this._cd.control.pristine : false; }\n\n get ngClassDirty():
boolean { return this._cd.control ? this._cd.control.dirty : false; }\n\n get ngClassValid(): boolean { return
this._cd.control ? this._cd.control.valid : false; }\n\n get ngClassInvalid(): boolean { return this._cd.control ?
this._cd.control.invalid : false; }\n\n get ngClassPending(): boolean { return this._cd.control ?
this._cd.control.pending : false; }\n}\n\nexport const ngControlStatusHost = {\n '[class.ng-untouched]':
'ngClassUntouched',\n '[class.ng-touched]': 'ngClassTouched',\n '[class.ng-pristine]': 'ngClassPristine',\n '[class.ng-
dirty]': 'ngClassDirty',\n '[class.ng-valid]': 'ngClassValid',\n '[class.ng-invalid]': 'ngClassInvalid',\n '[class.ng-
pending]': 'ngClassPending',\n};\n\n/**\n * @description\n * Directive automatically applied to Angular form
controls that sets CSS classes\n * based on control status.\n *\n * @usageNotes\n *\n * ### CSS classes applied\n
*\n * The following classes are applied as the properties become true:\n *\n * * ng-valid\n * * ng-invalid\n * * ng-
pending\n * * ng-pristine\n * * ng-dirty\n * * ng-untouched\n * * ng-touched\n *\n * @ngModule
ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n *^n@Directive({selector:
'[formControlName],[ngModel],[formControl]', host: ngControlStatusHost})\n\nexport class NgControlStatus extends
AbstractControlStatus {\n constructor(@Self() cd: NgControl) { super(cd); }\n}\n\n\n/**\n * @description\n *
Directive automatically applied to Angular form groups that sets CSS classes\n * based on control status
(valid/invalid/dirty/etc).\n *\n * @see `NgControlStatus`\n *\n * @ngModule ReactiveFormsModule\n *
@ngModule FormsModule\n * @publicApi\n *^n@Directive({\n selector:\n '[formGroupName],[formArrayName],[ngModelGroup],[formGroup],form:not([ngNoForm]),[ngForm]',\n host:
ngControlStatusHost\n})\n\nexport class NgControlStatusGroup extends AbstractControlStatus {\n
constructor(@Self() cd: ControlContainer) { super(cd); }\n}\n", "/*\n * @license\n * Copyright Google Inc. All
Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n *^n\nimport {InjectionToken, ÉµisObservable as isObservable,
ÉµisPromise as isPromise} from '@angular/core';\n\nimport {Observable, forkJoin, from} from 'rxjs';\n\nimport {map}
from 'rxjs/operators';\n\nimport {AsyncValidatorFn, ValidationErrors, Validator, ValidatorFn} from
'./directives/validators';\n\nimport {AbstractControl, FormControl} from './model';\n\nfunction
isEmptyInputValue(value: any): boolean {\n // we don't check for string here so it also works with arrays\n return
value == null || value.length === 0;\n}\n\n\n/**\n * @description\n * An `InjectionToken` for registering additional
synchronous validators used with `AbstractControl`s.\n *\n * @see `NG_ASYNC_VALIDATORS`\n *\n *
@usageNotes\n *\n * ### Providing a custom validator\n *\n * The following example registers a custom validator
directive. Adding the validator to the\n * existing collection of validators requires the `multi: true` option.\n *\n

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``typescript\n * @Directive({\n * selector: '[customValidator]',\n * providers: [{provide: NG_VALIDATORS,
useExisting: CustomValidatorDirective, multi: true}]\n * })\n * class CustomValidatorDirective implements
Validator {\n * validate(control: AbstractControl): ValidationErrors | null {\n * return { 'custom': true }; \n * }
*\n * ``\n *\n * @publicApi\n * /\n * export const NG_VALIDATORS = new
InjectionToken<Array<Validator|Function>>('NgValidators');\n *\n * @description\n * An `InjectionToken` for
registering additional asynchronous validators used with `AbstractControl`'s.\n *\n * @see `NG_VALIDATORS`\n
*\n * @publicApi\n * /\n * export const NG_ASYNC_VALIDATORS =\n * new
InjectionToken<Array<Validator|Function>>('NgAsyncValidators');\n *\n * A regular expression that matches
valid e-mail addresses.\n *\n * At a high level, this regexp matches e-mail addresses of the format `local-part@tld`,
where:\n * - `local-part` consists of one or more of the allowed characters (alphanumeric and some\n * punctuation
symbols).\n * - `local-part` cannot begin or end with a period (`.`).\n * - `local-part` cannot be longer than 64
characters.\n * - `tld` consists of one or more `labels` separated by periods (`.`). For example `localhost` or\n *
`foo.com`.\n * - A `label` consists of one or more of the allowed characters (alphanumeric, dashes (`-`) and\n *
periods (`.`)).\n * - A `label` cannot begin or end with a dash (`-`) or a period (`.`).\n * - A `label` cannot be longer
than 63 characters.\n * - The whole address cannot be longer than 254 characters.\n *\n * ## Implementation
background\n *\n * This regexp was ported over from AngularJS (see there for git history):\n *
https://github.com/angular/angular.js/blob/c133ef836/src/ng/directive/input.js#L27\n * It is based on the\n *
[WHATWG version](https://html.spec.whatwg.org/multipage/input.html#valid-e-mail-address) with\n *
some enhancements to incorporate more RFC rules (such as rules related to domain names and the\n * lengths of different
parts of the address). The main differences from the WHATWG version are:\n * - Disallow `local-part` to begin or
end with a period (`.`).\n * - Disallow `local-part` length to exceed 64 characters.\n * - Disallow total address
length to exceed 254 characters.\n *\n * See [this commit](https://github.com/angular/angular.js/commit/f3f5cf72e)
for more details.\n *\n * const EMAIL_REGEXP =\n * /^(?=[1,254]$)(?=[1,64]@)[a-zA-Z0-
9!#$%&*+/?^_{}~-]+(?:\\.[a-zA-Z0-9!#$%&*+/?^_{}~-]+)*@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-
9])?(?:\\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?)*$;\n *\n * @description\n * Provides a set of built-in
validators that can be used by form controls.\n *\n * A validator is a function that processes a `FormControl` or
collection of\n * controls and returns an error map or null. A null map means that validation has passed.\n *\n *
@see [Form Validation](/guide/form-validation)\n *\n * @publicApi\n * /\n * export class Validators {\n * /\n *
@description\n * Validator that requires the control's value to be greater than or equal to the provided number.\n *
The validator exists only as a function and not as a directive.\n *\n * @usageNotes\n *\n * ### Validate against
a minimum of 3\n *\n * ``typescript\n * const control = new FormControl(2, Validators.min(3));\n *\n * console.log(control.errors); // {min: {min: 3, actual: 2}}\n *\n * @returns A validator function that
returns an error map with the\n * `min` property if the validation check fails, otherwise `null`.\n *\n * @see
`updateValueAndValidity()`\n *\n * /\n * static min(min: number): ValidatorFn {\n * return (control:
AbstractControl): ValidationErrors | null => {\n * if (isEmptyInputValue(control.value) ||
isEmptyInputValue(min)) {\n * return null; // don't validate empty values to allow optional controls\n * }\n *
const value = parseFloat(control.value);\n * // Controls with NaN values after parsing should be treated as not
having a\n * // minimum, per the HTML forms spec: https://www.w3.org/TR/html5/forms.html#attr-input-min\n *
return !isNaN(value) && value < min ? {'min': {'min': min, 'actual': control.value}} : null;\n * }; \n * }}\n *\n * @description\n * Validator that requires the control's value to be less than or equal to the provided number.\n *
The validator exists only as a function and not as a directive.\n *\n * @usageNotes\n *\n * ### Validate against
a maximum of 15\n *\n * ``typescript\n * const control = new FormControl(16, Validators.max(15));\n *\n * console.log(control.errors); // {max: {max: 15, actual: 16}}\n *\n * @returns A validator function that
returns an error map with the\n * `max` property if the validation check fails, otherwise `null`.\n *\n * @see
`updateValueAndValidity()`\n *\n * /\n * static max(max: number): ValidatorFn {\n * return (control:
AbstractControl): ValidationErrors | null => {\n * if (isEmptyInputValue(control.value) ||
isEmptyInputValue(max)) {\n * return null; // don't validate empty values to allow optional controls\n * }\n *
const value = parseFloat(control.value);\n * // Controls with NaN values after parsing should be treated as not

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having a\n // maximum, per the HTML forms spec: https://www.w3.org/TR/html5/forms.html#attr-input-max\n
return isNaN(value) && value > max ? {'max': {'max': max, 'actual': control.value}} : null;\n };n }\n\n /**\n *
@description\n * Validator that requires the control have a non-empty value.\n *\n * @usageNotes\n *\n *
### Validate that the field is non-empty\n *\n * ```typescript\n * const control = new FormControl(",
Validators.required);\n *\n * console.log(control.errors); // {required: true}\n * ```\n *\n * @returns An error
map with the `required` property\n * if the validation check fails, otherwise `null`.\n *\n * @see
$updateValueAndValidity()\n *\n * /\n static required(control: AbstractControl): ValidationErrors|null {\n
return isEmptyInputValue(control.value) ? {'required': true} : null;\n }\n\n /**\n * @description\n * Validator
that requires the control's value be true. This validator is commonly\n * used for required checkboxes.\n *\n *
@usageNotes\n *\n * ### Validate that the field value is true\n *\n * ```typescript\n * const control = new
FormControl(", Validators.requiredTrue);\n *\n * console.log(control.errors); // {required: true}\n * ```\n *\n *
@returns An error map that contains the `required` property\n * set to `true` if the validation check fails, otherwise
`null`.\n *\n * @see $updateValueAndValidity()\n *\n * /\n static requiredTrue(control: AbstractControl):
ValidationErrors|null {\n return control.value === true ? null : {'required': true};\n }\n\n /**\n * @description\n
* Validator that requires the control's value pass an email validation test.\n *\n * Tests the value using a [regular
expression](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Regular_Expressions)\n * pattern
suitable for common usecases. The pattern is based on the definition of a valid email\n * address in the
[WHATWG HTML specification](https://html.spec.whatwg.org/multipage/input.html#valid-e-mail-address)\n *
with some enhancements to incorporate more RFC rules (such as rules related to domain names and\n * the lengths
of different parts of the address).\n *\n * The differences from the WHATWG version include:\n * - Disallow
`local-part` (the part before the `@` symbol) to begin or end with a period (`.`).\n * - Disallow `local-part` to be
longer than 64 characters.\n * - Disallow the whole address to be longer than 254 characters.\n *\n * If this
pattern does not satisfy your business needs, you can use `Validators.pattern()` to\n * validate the value against a
different pattern.\n *\n * @usageNotes\n *\n * ### Validate that the field matches a valid email pattern\n *\n
* ```typescript\n * const control = new FormControl('bad@', Validators.email);\n *\n *
console.log(control.errors); // {email: true}\n * ```\n *\n * @returns An error map with the `email` property\n *
if the validation check fails, otherwise `null`.\n *\n * @see $updateValueAndValidity()\n *\n * /\n static
email(control: AbstractControl): ValidationErrors|null {\n if (isEmptyInputValue(control.value)) {\n return
null; // don't validate empty values to allow optional controls\n }\n return EMAIL_REGEXP.test(control.value)
? null : {'email': true};\n }\n\n /**\n * @description\n * Validator that requires the length of the control's value
to be greater than or equal\n * to the provided minimum length. This validator is also provided by default if you
use the\n * the HTML5 `minlength` attribute.\n *\n * @usageNotes\n *\n * ### Validate that the field has a
minimum of 3 characters\n *\n * ```typescript\n * const control = new FormControl('ng',
Validators.minLength(3));\n *\n * console.log(control.errors); // {minlength: {requiredLength: 3, actualLength:
2}}\n * ```\n *\n * @returns A validator function that
returns an error map with the\n * `minlength` if the validation check fails, otherwise `null`.\n *\n * @see
$updateValueAndValidity()\n *\n * /\n static minLength(minLength: number): ValidatorFn {\n return (control:
AbstractControl): ValidationErrors | null => {\n if (isEmptyInputValue(control.value)) {\n return null; //
don't validate empty values to allow optional controls\n }\n const length: number = control.value ?
control.value.length : 0;\n return length < minLength ?\n {'minlength': {'requiredLength': minLength,
'actualLength': length}} :\n null;\n }\n }\n\n /**\n * @description\n * Validator that requires the length
of the control's value to be less than or equal\n * to the provided maximum length. This validator is also provided
by default if you use the\n * the HTML5 `maxlength` attribute.\n *\n * @usageNotes\n *\n * ### Validate that
the field has maximum of 5 characters\n *\n * ```typescript\n * const control = new FormControl('Angular',
Validators.maxLength(5));\n *\n * console.log(control.errors); // {maxlength: {requiredLength: 5, actualLength:
7}}\n * ```\n *\n * @returns A validator function that
returns an error map with the\n * `maxlength` property if the validation check fails, otherwise `null`.\n *\n *
@see $updateValueAndValidity()\n *\n * /\n static maxLength(maxLength: number): ValidatorFn {\n return

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(control: AbstractControl): ValidationErrors | null => {\n    const length: number = control.value ?
control.value.length : 0;\n    return length > maxLength ?\n        {'maxlength': {'requiredLength': maxLength,
'actualLength': length}} :\n        null;\n    };\n } \n\n /**\n * @description\n * Validator that requires the
control's value to match a regex pattern. This validator is also\n * provided by default if you use the HTML5
`pattern` attribute.\n * @usageNotes\n * ### Validate that the field only contains letters or spaces\n * ``\n * ``typescript\n * const control = new FormControl('1', Validators.pattern('[a-zA-Z ]*'));\n * console.log(control.errors); // {pattern: {requiredPattern: '^[a-zA-Z ]*$', actualValue: '1'}}\n * ``\n * ``
html\n * <input pattern="[a-zA-Z ]*">\n * ``\n * @param pattern A regular expression to be used as is
to test the values, or a string.\n * If a string is passed, the `^` character is prepended and the `$` character is
appended to the provided string (if not already present), and the resulting regular\n * expression is used to test the
values.\n * @returns A validator function that returns an error map with the\n * `pattern` property if the
validation check fails, otherwise `null`.\n * @see `updateValueAndValidity()`\n * /\n static
pattern(pattern: string|RegExp): ValidatorFn {\n    if (!pattern) return Validators.nullValidator;\n    let regex:
RegExp;\n    let regexStr: string;\n    if (typeof pattern === 'string') {\n        regexStr = ";\n        if (pattern.charAt(0)
!== '^') regexStr += '^';\n        regexStr += pattern;\n        if (pattern.charAt(pattern.length - 1) !== '$') regexStr +=
'$';\n        regex = new RegExp(regexStr);\n    } else {\n        regexStr = pattern.toString();\n        regex = pattern;\n    }\n    return (control: AbstractControl): ValidationErrors | null => {\n        if (isEmptyInputValue(control.value)) {\n            return null; // don't validate empty values to allow optional controls\n        }\n        const value: string =
control.value;\n        return regex.test(value) ? null :\n            {'pattern': {'requiredPattern': regexStr,
'actualValue': value}};\n    };\n } \n\n /**\n * @description\n * Validator that performs no operation.\n * @see `updateValueAndValidity()`\n * /\n static nullValidator(control: AbstractControl): ValidationErrors|null
{\n    return null;\n } \n\n /**\n * @description\n * Compose multiple validators into a single function that returns the
union\n * of the individual error maps for the provided control.\n * @returns A validator function that
returns an error map with the\n * merged error maps of the validators if the validation check fails, otherwise
`null`.\n * @see `updateValueAndValidity()`\n * /\n static compose(validators: null): null;\n static
compose(validators: (ValidatorFn|null|undefined)[]): ValidatorFn|null;\n static compose(validators:
(ValidatorFn|null|undefined)[]|null): ValidatorFn|null {\n    if (!validators) return null;\n    const presentValidators:
ValidatorFn[] = validators.filter(isPresent) as any;\n    if (presentValidators.length === 0) return null;\n    return
function(control: AbstractControl) {\n        return _mergeErrors(_executeValidators(control, presentValidators));\n    };\n } \n\n /**\n * @description\n * Compose multiple async validators into a single function that returns the
union\n * of the individual error objects for the provided control.\n * @returns A validator function that
returns an error map with the\n * merged error objects of the async validators if the validation check fails,
otherwise `null`.\n * @see `updateValueAndValidity()`\n * /\n static composeAsync(validators:
(AsyncValidatorFn|null)[]): AsyncValidatorFn|null {\n    if (!validators) return null;\n    const presentValidators:
AsyncValidatorFn[] = validators.filter(isPresent) as any;\n    if (presentValidators.length === 0) return null;\n    return
function(control: AbstractControl) {\n        const observables = _executeAsyncValidators(control,
presentValidators).map(toObservable);\n        return forkJoin(observables).pipe(map(_mergeErrors));\n    };\n } \n\n\nfunction isPresent(o: any): boolean {\n    return o != null;\n } \n\n\nexport function toObservable(r: any):
Observable<any> {\n    const obs = isPromise(r) ? from(r) : r;\n    if (!(isObservable(obs))) {\n        throw new
Error('Expected validator to return Promise or Observable.');

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https://angular.io/license\n *\n\nimport { AbstractControl } from './model';\nimport { AsyncValidator,
AsyncValidatorFn, Validator, ValidatorFn } from './validators';\n\nexport function normalizeValidator(validator:
ValidatorFn | Validator): ValidatorFn {\n  if ((<Validator>validator).validate) {\n    return (c: AbstractControl) =>
(<Validator>validator).validate(c);\n  } else {\n    return <ValidatorFn>validator;\n  }\n}\n\nexport function
normalizeAsyncValidator(validator: AsyncValidatorFn | AsyncValidator):\n  AsyncValidatorFn {\n  if
((<AsyncValidator>validator).validate) {\n    return (c: AbstractControl) =>
(<AsyncValidator>validator).validate(c);\n  } else {\n    return <AsyncValidatorFn>validator;\n  }\n}\n\n"/**\n *
@license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nimport { Directive,
ElementRef, Renderer2, forwardRef } from '@angular/core';\nimport { ControlValueAccessor,
NG_VALUE_ACCESSOR } from './control_value_accessor';\n\nexport const NUMBER_VALUE_ACCESSOR:
any = {\n  provide: NG_VALUE_ACCESSOR,\n  useExisting: forwardRef(() => NumberValueAccessor),\n  multi:
true\n};\n\n/**\n * @description\n * The `ControlValueAccessor` for writing a number value and listening to
number input changes.\n * The value accessor is used by the `FormControlDirective`, `FormControlName`, and
`NgModel`\n * directives.\n *\n * @usageNotes\n *\n * ### Using a number input with a reactive form.\n *\n * The
following example shows how to use a number input with a reactive form.\n *\n * ```ts\n * const totalCountControl
= new FormControl();\n * ```\n *\n * <input type="number" [formControl]=totalCountControl">\n *\n * ```\n
*\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n *\n @Directive({\n
selector:\n
'input[type=number][formControlName],input[type=number][formControl],input[type=number][ngModel]',\n
host:
{\n  '(change)': 'onChange($event.target.value)',\n  '(input)': 'onChange($event.target.value)',\n  '(blur)':
'onTouched()'
},\n
providers: [NUMBER_VALUE_ACCESSOR]
})\n
export class NumberValueAccessor
implements ControlValueAccessor {\n  /**\n   * @description\n   * The registered callback function called when a
change or input event occurs on the input\n   * element.\n   *\n   * @param onChange (_: any) => {};\n   *\n   *
@description\n   * The registered callback function called when a blur event occurs on the input element.\n   *
@param onTouch = () => {};\n   *\n   * constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {\n   *\n   * Sets the "value" property on the input element.\n   *\n   * @param value The checked value\n   *\n   *
writeValue(value: number): void {\n   * // The value needs to be normalized for IE9, otherwise it is set to 'null' when
null\n   * const normalizedValue = value == null ? '' : value;\n   *\n   * this._renderer.setProperty(this._elementRef.nativeElement, 'value', normalizedValue);\n   * }\n   *\n   * @description\n   * Registers a function called when the control value changes.\n   *\n   * @param fn The callback
function\n   *\n   * registerOnChange(fn: (_: number|null) => void): void {\n   * this.onChange = (value) => { fn(value
== '' ? null : parseFloat(value)); }\n   * }\n   *\n   * @description\n   * Registers a function called when the control
is touched.\n   *\n   * @param fn The callback function\n   *\n   * registerOnTouched(fn: () => void): void {\n   *
this.onTouched = fn;\n   * }\n   *\n   * Sets the "disabled" property on the input element.\n   *\n   * @param
isDisabled The disabled value\n   *\n   * setDisabledState(isDisabled: boolean): void {\n   *
this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n   * }\n   *}\n\n"/**\n *
@license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nimport { Directive, ElementRef, Injectable,
Injector, Input, OnDestroy, OnInit, Renderer2, forwardRef } from '@angular/core';\nimport
{ ControlValueAccessor, NG_VALUE_ACCESSOR } from './control_value_accessor';\nimport { NgControl } from
'./ng_control';\n\nexport const RADIO_VALUE_ACCESSOR: any = {\n  provide: NG_VALUE_ACCESSOR,\n  useExisting: forwardRef(() => RadioControlValueAccessor),\n  multi: true\n};\n\n/**\n * @description\n * Class
used by Angular to track radio buttons. For internal use only.\n *\n @Injectable()\n
export class
RadioControlRegistry {\n  private _accessors: any[] = [];\n\n  /**\n   * @description\n   * Adds a control to the
internal registry. For internal use only.\n   *\n   * @param control NgControl, accessor RadioControlValueAccessor\n   *
this._accessors.push([control, accessor]);\n   * }\n\n  /**\n   * @description\n   * Removes a control from the internal
registry. For internal use only.\n   *\n   * @param accessor RadioControlValueAccessor\n   * for (let i =

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this._accessors.length - 1; i >= 0; --i) {\n    if (this._accessors[i][1] === accessor) {\n        this._accessors.splice(i,\n    1);\n        return;\n    }\n    }\n    }\n\n}\n\n/**\n * @description\n * Selects a radio button. For internal use only.\n\n*\n select(accessor: RadioControlValueAccessor) {\n    this._accessors.forEach((c => {\n        if\n    (this._isSameGroup(c, accessor) && c[1] !== accessor) {\n        c[1].fireUncheck(accessor.value);\n    }\n    });\n}\n\n private _isSameGroup(\n    controlPair: [NgControl, RadioControlValueAccessor],\n    accessor:\n    RadioControlValueAccessor): boolean {\n    if (!controlPair[0].control) return false;\n    return\n    controlPair[0]._parent === accessor._control._parent &&\n    controlPair[1].name === accessor.name;\n}\n\n}\n\n/**\n * @description\n * The `ControlValueAccessor` for writing radio control values and listening to radio\n    control\n * changes. The value accessor is used by the `FormControlDirective`, `FormControlName`, and\n * `NgModel` directives.\n * \n * @usageNotes\n * \n * ### Using radio buttons with reactive form directives\n * \n * The follow example shows how to use radio buttons in a reactive form. When using radio buttons in\n * a reactive\n    form, radio buttons in the same group should have the same `formControlName`.\n * Providing a `name` attribute is\n    optional.\n * \n * { @example forms/ts/reactiveRadioButtons/reactive_radio_button_example.ts region='Reactive'}\n * \n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n * \n * @Directive({\n    selector:\n        'input[type=radio][formControlName],input[type=radio][formControl],input[type=radio][ngModel]',\n    host: {\n        '(change)': 'onChange()',\n        '(blur)': 'onTouched()',\n    },\n    providers: [RADIO_VALUE_ACCESSOR]}\n})\n\nexport\n    class RadioControlValueAccessor implements ControlValueAccessor,\n    OnDestroy, OnInit {\n    /** @internal\n * \n * // TODO(issue/24571): remove '!'\n    _state!: boolean;\n    /** @internal\n * \n * // TODO(issue/24571): remove '!'\n    _control!: NgControl;\n    /** @internal\n * \n * // TODO(issue/24571): remove '!'\n    _fn!: Function;\n\n    /**\n * @description\n * The registered callback function called when a change event occurs on the input element.\n\n * \n * onChange = () => {};\n\n    /**\n * @description\n * The registered callback function called when a blur\n    event occurs on the input element.\n\n * \n * onTouched = () => {};\n\n    /**\n * @description\n * Tracks the name\n    of the radio input element.\n\n * \n * // TODO(issue/24571): remove '!'\n    @Input() name!: string;\n\n    /**\n * \n * @description\n * Tracks the name of the `FormControl` bound to the directive. The name corresponds\n * to a\n    key in the parent `FormGroup` or `FormArray`.\n\n * \n * // TODO(issue/24571): remove '!'\n    @Input()\n    formControlName!: string;\n\n    /**\n * \n * @description\n * Tracks the value of the radio input element\n\n * \n * @Input() value: any;\n\n    constructor(\n        private _renderer: Renderer2,\n        private _elementRef: ElementRef,\n        private _registry: RadioControlRegistry,\n        private _injector: Injector) {}\n\n    /**\n * \n * @description\n * A lifecycle\n    method called when the directive is initialized. For internal use only.\n\n * \n * ngOnInit(): void {\n    this._control =\n    this._injector.get(NgControl);\n    this._checkName();\n    this._registry.add(this._control, this);\n}\n\n    /**\n * \n * @description\n * Lifecycle method called before the directive's instance is destroyed. For internal use only.\n\n * \n * \n * ngOnDestroy(): void {\n    this._registry.remove(this);\n}\n\n    /**\n * \n * @description\n * Sets the \"checked\" property\n    value on the radio input element.\n\n * \n * @param value The checked value\n\n * \n * writeValue(value: any): void\n    {\n        this._state = value === this.value;\n        this._renderer.setProperty(this._elementRef.nativeElement, 'checked',\n        this._state);\n    }\n\n    /**\n * \n * @description\n * Registers a function called when the control value changes.\n\n * \n * \n * @param fn The callback function\n\n * \n * registerOnChange(fn: (_: any) => {}): void {\n    this._fn = fn;\n    this.onChange = () => {\n        fn(this.value);\n        this._registry.select(this);\n    };}\n\n    /**\n * \n * Sets the \"value\" on the\n    radio input element and unchecks it.\n\n * \n * @param value\n\n * \n * fireUncheck(value: any): void {\n    this.writeValue(value);\n}\n\n    /**\n * \n * @description\n * Registers a function called when the control is touched.\n\n * \n * \n * @param fn The callback function\n\n * \n * registerOnTouched(fn: () => {}): void {\n    this.onTouched = fn;\n}\n\n    /**\n * \n * Sets the \"disabled\" property on the input element.\n\n * \n * @param isDisabled The disabled value\n\n * \n * \n * setDisabledState(isDisabled: boolean): void {\n    this._renderer.setProperty(this._elementRef.nativeElement,\n    'disabled', isDisabled);\n}\n\n    private _checkName(): void {\n        if (this.name && this.formControlName &&\n        this.name !== this.formControlName) {\n            this._throwNameError();\n        }\n        if (!this.name &&\n        this.formControlName) this.name = this.formControlName;\n    }\n\n    private _throwNameError(): void {\n        throw\n        new Error(\n            If you define both a name and a formControlName attribute on your radio button, their values\n            must match. Ex: <input type=\"radio\" formControlName=\"food\" name=\"food\"> \n        );\n    }\n\n}\n\n*/\n\n*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * \n * Use of this source code is governed by an MIT-

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style license that can be found in the LICENSE file at https://angular.io/license
import { Directive,
ElementRef, Renderer2, StaticProvider, forwardRef } from '@angular/core';
import { ControlValueAccessor,
NG_VALUE_ACCESSOR } from './control_value_accessor';
export const RANGE_VALUE_ACCESSOR:
StaticProvider = {
  provide: NG_VALUE_ACCESSOR,
  useExisting: forwardRef(() =>
RangeValueAccessor),
  multi: true
};
/**
 * @description
 * The `ControlValueAccessor` for writing a
range value and listening to range input changes.
 * The value accessor is used by the `FormControlDirective`,
`FormControlName`, and `NgModel` directives.
 * @usageNotes
 * ### Using a range input with a
reactive form
 * The following example shows how to use a range input with a reactive form.
`ts`
const ageControl = new FormControl();
<input type="range"
[formControl]="ageControl">
 * @ngModule ReactiveFormsModule
 * @ngModule FormsModule
 * @publicApi
 * @Directive({
  selector:
'input[type=range][formControl],input[type=range][ngModel]',
  host: {
    '(change)': 'onChange($event.target.value)',
    '(input)': 'onChange($event.target.value)',
    '(blur)':
'onTouched()'
  },
  providers: [RANGE_VALUE_ACCESSOR]
})
export class RangeValueAccessor
implements ControlValueAccessor {
  /**
   * @description
   * The registered callback function called when a
change or input event occurs on the input
   * element.
   * @param fn onChange = (_: any) => {};
   * @description
   * The registered callback function called when a blur event occurs on the input element.
   * @param fn onTouched = () => {};
   * constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {}
   * Sets the "value" property on the input element.
   * @param value The checked value
   * @param writeValue(value: any): void
   * this._renderer.setProperty(this._elementRef.nativeElement, 'value',
parseFloat(value));
   * @description
   * Registers a function called when the control value
changes.
   * @param fn The callback function
   * @param registerOnChange(fn: (_: number|null) => void): void
   * this.onChange = (value) => { fn(value == null ? null : parseFloat(value)); };
   * @description
   * Registers a function called when the control is touched.
   * @param fn The callback function
   * @param registerOnTouched(fn: () => void): void
   * this.onTouched = fn;
   * Sets the "disabled" property on the
range input element.
   * @param isDisabled The disabled value
   * @param setDisabledState(isDisabled:
boolean): void
   * this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);
   * @license
   * Copyright Google Inc. All Rights Reserved.
   * Use of this source code is
governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license
export const FormErrorExamples = {
  formControlName: `
<div [formGroup]="myGroup">
<input formControlName="firstName">
</div>
In your class:
this.myGroup = new FormGroup({
  firstName: new FormControl()
});
  formGroupName: `
<div [formGroup]="myGroup">
<div formGroupName="person">
<input formControlName="firstName">
</div>
</div>
In
your class:
this.myGroup = new FormGroup({
  person: new FormGroup({
    firstName: new FormControl()
  })
});
  formArrayName: `
<div [formGroup]="myGroup">
<div formArrayName="cities">
<div *ngFor="let city of cityArray.controls; index as i">
<input [formControlName]="i">
</div>
</div>
</div>
In your class:
this.cityArray = new FormArray([
new FormControl('SF')
]);
this.myGroup = new FormGroup({
  cities: this.cityArray
});
  ngModelGroup: `
<form>
<div ngModelGroup="person">
<input [(ngModel)]="person.name"
name="firstName">
</div>
</form>
  ngModelWithFormGroup: `
<div
[formGroup]="myGroup">
<input formControlName="firstName">
<input
[(ngModel)]="showMoreControls" [ngModelOptions]="{standalone: true}">
</div>
`;
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-
style license that can be found in the LICENSE file at https://angular.io/license
import
{ FormErrorExamples as Examples } from './error_examples';
export class ReactiveErrors {
  static
controlParentException(): void {
    throw new Error(`
`formControlName must be used with a parent
formGroup directive. You'll want to add a FormGroup
directive and pass it an existing FormGroup instance
(you can create one in your class).
Example:
`$ { Examples.formControlName }`);
  }
  static

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ngModelGroupException(): void {\n  throw new Error(\n    `formControlName cannot be used with an
ngModelGroup parent. It is only compatible with parents\n    that also have a \"form\" prefix: formGroupName,
formArrayName, or formGroup.\n\n    Option 1: Update the parent to be formGroupName (reactive form
strategy)\n\n    ${Examples.formGroupName}\n\n    Option 2: Use ngModel instead of formControlName
(template-driven strategy)\n\n    ${Examples.ngModelGroup}`);\n } \n static missingFormException(): void {\n
throw new Error(`formGroup expects a FormGroup instance. Please pass one in.\n\n    Example:\n\n
${Examples.formControlName}`);\n } \n static groupParentException(): void {\n  throw new Error(\n
`formGroupName must be used with a parent formGroup directive. You'll want to add a formGroup\n
directive
and pass it an existing FormGroup instance (you can create one in your class).\n\n    Example:\n\n
${Examples.formGroupName}`);\n } \n static arrayParentException(): void {\n  throw new Error(\n
`formArrayName must be used with a parent formGroup directive. You'll want to add a formGroup\n
directive
and pass it an existing FormGroup instance (you can create one in your class).\n\n    Example:\n\n
${Examples.formArrayName}`);\n } \n static disabledAttrWarning(): void {\n  console.warn(\n    It looks like
you're using the disabled attribute with a reactive form directive. If you set disabled to true\n
when you set up this
control in your component class, the disabled attribute will actually be set in the DOM for\n
you. We recommend
using this approach to avoid 'changed after checked' errors.\n\n    \n    Example: \n    form = new FormGroup({\n
    first: new FormControl({value: 'Nancy', disabled: true}, Validators.required),\n    last: new
FormControl('Drew', Validators.required)\n    });\n  });\n } \n static ngModelWarning.directiveName: string):
void {\n  console.warn(\n    It looks like you're using ngModel on the same form field as ${directiveName}. \n
Support for using the ngModel input property and ngModelChange event with \n
reactive form directives has been
deprecated in Angular v6 and will be removed \n
in Angular v7.\n\n    \n    For more information on this, see our API
docs here:\n    https://angular.io/api/forms/${directiveName} === 'formControl' ? 'FormControlDirective' \n
    :
'FormControlName' #use-with-ngmodel \n
  );\n } \n\n\";/*\n * @license\n * Copyright Google Inc. All Rights
Reserved.\n * \n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n * \n\nimport {Directive, ElementRef, Host, Input, OnDestroy, Optional,
Renderer2, StaticProvider, forwardRef, ÉµlooseIdentical as looseIdentical} from '@angular/core';\n\nimport
{ControlValueAccessor, NG_VALUE_ACCESSOR} from './control_value_accessor';\n\nexport const
SELECT_VALUE_ACCESSOR: StaticProvider = {\n  provide: NG_VALUE_ACCESSOR,\n  useExisting:
forwardRef(() => SelectControlValueAccessor),\n  multi: true\n};\n\nfunction _buildValueString(id: string | null,
value: any): string {\n  if (id == null) return `${value}`;\n  if (value && typeof value === 'object') value = 'Object';\n
return `${id}: ${value}`.slice(0, 50);\n}\n\nfunction _extractId(valueString: string): string {\n  return
valueString.split(':')[0];\n}\n\n/*\n * @description\n * The `ControlValueAccessor` for writing select control
values and listening to select control\n * changes. The value accessor is used by the `FormControlDirective`,
`FormControlName`, and\n * `NgModel` directives.\n * \n * @usageNotes\n * \n * ### Using select controls in a
reactive form\n * \n * The following examples show how to use a select control in a reactive form.\n * \n *
\n * @example forms/ts/reactiveSelectControl/reactive_select_control_example.ts region='Component'\n * \n * ###
Using select controls in a template-driven form\n * \n * To use a select in a template-driven form, simply add an
`ngModel` and a `name`\n * attribute to the main `<select>` tag.\n * \n * @example
forms/ts/selectControl/select_control_example.ts region='Component'\n * \n * ### Customizing option selection\n
*\n * Angular uses object identity to select option. It's possible for the identities of items\n * to change while the
data does not. This can happen, for example, if the items are produced\n * from an RPC to the server, and that RPC
is re-run. Even if the data hasn't changed, the\n * second response will produce objects with different identities.\n
*\n * To customize the default option comparison algorithm, `<select>` supports `compareWith` input.\n *
`compareWith` takes a **function** which has two arguments: `option1` and `option2`. \n * If `compareWith` is
given, Angular selects option by the return value of the function.\n * \n * ``ts\n * const selectedCountriesControl =
new FormControl();\n * ``\n * \n * ``\n * <select [compareWith]=\"compareFn\"\n
[formControl]=\"selectedCountriesControl\">\n *   <option *ngFor=\"let country of countries\"\n
[ngValue]=\"country\">\n *     {{country.name}}\n *   </option>\n * </select>\n * \n * compareFn(c1: Country,

```



```

c2: Country): boolean {\n *   return c1 && c2 ? c1.id === c2.id : c1 === c2;\n * }\n * ```\n * \n * **Note:** We
listen to the 'change' event because 'input' events aren't fired\n * for selects in Firefox and IE:\n *
https://bugzilla.mozilla.org/show\_bug.cgi?id=1024350\n * https://developer.microsoft.com/en-us/microsoft-edge/platform/issues/4660045/\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n *
@publicApi\n * \n @Directive({\n selector:\n
'select:not([multiple])[formControlName],select:not([multiple])[formControl],select:not([multiple])[ngModel]',\n
host: {'(change)': 'onChange($event.target.value)', '(blur)': 'onTouched()'},\n providers:
[SELECT_VALUE_ACCESSOR]\n })\n export class SelectControlValueAccessor implements
ControlValueAccessor {\n value: any;\n /** @internal *\n _optionMap: Map<string, any> = new Map<string,
any>();\n /** @internal *\n _idCounter: number = 0;\n /**\n * @description\n * The registered callback
function called when a change event occurs on the input element.\n * \n onChange = (_: any) => {};\n /**\n *
@description\n * The registered callback function called when a blur event occurs on the input element.\n * \n
onTouched = () => {};\n /**\n * @description\n * Tracks the option comparison algorithm for tracking
identities when\n * checking for changes.\n * \n @Input()\n set compareWith(fn: (o1: any, o2: any) => boolean)
{\n if (typeof fn !== 'function') {\n throw new Error(`compareWith must be a function, but received
${JSON.stringify(fn)}`);\n }\n this._compareWith = fn;\n }\n\n private _compareWith: (o1: any, o2: any) =>
boolean = looseIdentical;\n\n constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {\n\n
/**\n * Sets the "value" property on the input element. The "selectedIndex"\n * property is also set if an ID is
provided on the option element.\n * \n * @param value The checked value\n * \n writeValue(value: any): void
{\n this.value = value;\n const id: string|null = this._getOptionId(value);\n if (id == null) {\n
this._renderer.setProperty(this._elementRef.nativeElement, 'selectedIndex', -1);\n }\n const valueString =
_buildValueString(id, value);\n this._renderer.setProperty(this._elementRef.nativeElement, 'value', valueString);\n
}\n\n /**\n * @description\n * Registers a function called when the control value changes.\n * \n * @param fn
The callback function\n * \n registerOnChange(fn: (value: any) => any): void {\n this.onChange = (valueString:
string) => {\n this.value = this._getOptionValue(valueString);\n fn(this.value);\n };}\n\n /**\n *
@description\n * Registers a function called when the control is touched.\n * \n * @param fn The callback
function\n * \n registerOnTouched(fn: () => any): void {\n this.onTouched = fn; }\n\n /**\n * Sets the "disabled"
property on the select input element.\n * \n * @param isDisabled The disabled value\n * \n
setDisabledState(isDisabled: boolean): void {\n this._renderer.setProperty(this._elementRef.nativeElement,
'disabled', isDisabled);\n }\n\n /** @internal *\n _registerOption(): string {\n return (this._idCounter++).toString();
}\n\n /** @internal *\n _getOptionId(value: any): string|null {\n for (const id of
Array.from(this._optionMap.keys())) {\n if (this._compareWith(this._optionMap.get(id), value)) return id;\n
}\n return null;\n }\n\n /** @internal *\n _getOptionValue(valueString: string): any {\n const id: string =
_extractId(valueString);\n return this._optionMap.has(id) ? this._optionMap.get(id) : valueString;\n }\n\n /**\n *
@description\n * Marks `<option>` as dynamic, so Angular can be notified when options change.\n * \n * @see
`SelectControlValueAccessor`\n * \n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n *
@publicApi\n * \n @Directive({ selector: 'option'})\n export class NgSelectOption implements OnDestroy {\n /**\n
* @description\n * ID of the option element\n * \n // TODO(issue/24571): remove '!'.\n id!: string;\n\n
constructor(\n private _element: ElementRef, private _renderer: Renderer2,\n @Optional() @Host() private
_select: SelectControlValueAccessor) {\n if (this._select) this.id = this._select._registerOption();\n }\n\n /**\n *
@description\n * Tracks the value bound to the option element. Unlike the value binding,\n * ngValue supports
binding to objects.\n * \n @Input('ngValue')\n set ngValue(value: any) {\n if (this._select == null) return;\n
this._select._optionMap.set(this.id, value);\n this._setElementValue(_buildValueString(this.id, value));\n
this._select.writeValue(this._select.value);\n }\n\n /**\n * @description\n * Tracks simple string values bound to
the option element.\n * For objects, use the `ngValue` input binding.\n * \n @Input('value')\n set value(value:
any) {\n this._setElementValue(value);\n if (this._select) this._select.writeValue(this._select.value);\n }\n\n /**
@internal *\n _setElementValue(value: string): void {\n this._renderer.setProperty(this._element.nativeElement,
'value', value);\n }\n\n /**\n * @description\n * Lifecycle method called before the directive's instance is

```

```

destroyed. For internal use only.\n  */\n  ngOnDestroy(): void {\n    if (this._select) {\n      this._select._optionMap.delete(this.id);\n      this._select.writeValue(this._select.value);\n    }\n  }\n}\n"/**\n *  

 * @license\n * Copyright Google Inc. All Rights Reserved.\n * \n * Use of this source code is governed by an MIT-\n * style license that can be\n * found in the LICENSE file at https://angular.io/license\n * \n\nimport {Directive,  

ElementRef, Host, Input, OnDestroy, Optional, Renderer2, StaticProvider, forwardRef, ÉµlooseIdentical as  

looseIdentical} from '@angular/core';\n\nimport {ControlValueAccessor, NG_VALUE_ACCESSOR} from  

'./control_value_accessor';\n\nexport const SELECT_MULTIPLE_VALUE_ACCESSOR: StaticProvider = {\n  

provide: NG_VALUE_ACCESSOR,\n  useExisting: forwardRef(() => SelectMultipleControlValueAccessor),\n  multi: true\n};\n\nfunction _buildValueString(id: string, value: any): string {\n  if (id == null) return `${value}`;\n  if  

(typeof value === 'string') value = `${value}`;\n  if (value && typeof value === 'object') value = 'Object';\n  return  

`${id}: ${value}`.slice(0, 50);\n}\n\nfunction _extractId(valueString: string): string {\n  return  

valueString.split(':')[0];\n}\n\n/** Mock interface for HTML Options */\ninterface HTMLOption {\n  value:  

string;\n  selected: boolean;\n}\n\n/** Mock interface for HTMLCollection */\nabstract class HTMLCollection {\n  

// TODO(issue/24571): remove '!.\n  length!: number;\n  abstract item(_: number): HTMLOption;\n}\n\n/**\n *  

 * @description\n * The `ControlValueAccessor` for writing multi-select control values and listening to multi-select  

control\n * changes. The value accessor is used by the `FormControlDirective`, `FormControlName`, and  

`NgModel`\n * directives.\n * \n * @see `SelectControlValueAccessor`\n * \n * @usageNotes\n * \n * ### Using a  

multi-select control\n * \n * The follow example shows you how to use a multi-select control with a reactive form.\n *  

 * \n * ```ts\n * const countryControl = new FormControl();\n * ```\n * \n * ```\n * <select multiple  

name="countries" [formControl]="countryControl">\n *   <option *ngFor="let country of countries"  

[ngValue]="country">\n *     {{ country.name }}\n *   </option>\n * </select>\n * ```\n * \n * ### Customizing  

option selection\n * \n * To customize the default option comparison algorithm, `<select>` supports `compareWith`  

input.\n * See the `SelectControlValueAccessor` for usage.\n * \n * @ngModule ReactiveFormsModule\n *  

 * @ngModule FormsModule\n * @publicApi\n */\n@Directive({\n  selector:\n  

'select[multiple][formControlName],select[multiple][formControl],select[multiple][ngModel]',\n  host: {'(change)':  

'onChange($event.target)', '(blur)': 'onTouched()'},\n  providers:  

[[SELECT_MULTIPLE_VALUE_ACCESSOR]]\n})\nexport class SelectMultipleControlValueAccessor implements  

ControlValueAccessor {\n  /**\n * @description\n * The current value\n * \n\n value: any;\n\n\n /** @internal */\n  

_optionMap: Map<string, ÉµNgSelectMultipleOption> = new Map<string, ÉµNgSelectMultipleOption>();\n  /**  

 * @internal */\n  _idCounter: number = 0;\n\n  /**\n * @description\n * The registered callback function called  

when a change event occurs on the input element.\n * \n\n onChange = (_: any) => {};\n\n\n /**\n * @description\n *  

 * The registered callback function called when a blur event occurs on the input element.\n * \n\n onTouched = () =>  

{};\n\n\n /**\n * @description\n * Tracks the option comparison algorithm for tracking identities when\n *  

checking for changes.\n * \n\n @Input()\n  set compareWith(fn: (o1: any, o2: any) => boolean) {\n    if (typeof fn  

!== 'function') {\n      throw new Error(`compareWith must be a function, but received ${JSON.stringify(fn)}`);\n    }\n  

    this._compareWith = fn;\n  }\n\n  private _compareWith: (o1: any, o2: any) => boolean = looseIdentical;\n\n  constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {\n  }\n\n  /**\n * @description\n * Sets  

the "value" property on one or of more\n * of the select's options.\n * \n * @param value The value\n * \n\n  

writeValue(value: any): void {\n    this.value = value;\n    let optionSelectedStateSetter: (opt:  

ÉµNgSelectMultipleOption, o: any) => void;\n    if (Array.isArray(value)) {\n      // convert values to ids\n      const  

ids = value.map((v) => this._getOptionId(v));\n      optionSelectedStateSetter = (opt, o) => {\n  

opt._setSelected(ids.indexOf(o.toString()) > -1); }\n    } else {\n      optionSelectedStateSetter = (opt, o) => {\n  

opt._setSelected(false); }\n    }\n    this._optionMap.forEach(optionSelectedStateSetter);\n  }\n\n  /**\n *  

 * @description\n * Registers a function called when the control value changes\n * and writes an array of the  

selected options.\n * \n * @param fn The callback function\n * \n\n registerOnChange(fn: (value: any) => any):  

void {\n    this.onChange = (_: any) => {\n      const selected: Array<any> = [];\n      if  

(_.hasOwnProperty('selectedOptions')) {\n        const options: HTMLCollection = _selectedOptions;\n        for (let i  

= 0; i < options.length; i++) {\n          const opt: any = options.item(i);\n          const val: any =

```

```

this._getOptionValue(opt.value);
        selected.push(val);
    }
}
// Degrade on IE
else {
const options: HTMLCollection = <HTMLCollection>_options;
    for (let i = 0; i < options.length; i++) {
const opt: HTMLOption = options.item(i);
        if (opt.selected) {
const val: any =
this._getOptionValue(opt.value);
            selected.push(val);
        }
    }
    this.value = selected;
fn(selected);
};
}
/**
 * @description
 * Registers a function called when the control is touched.
 *
 * @param fn The callback function
 */
registerOnTouched(fn: () => any): void {
    this.onTouched = fn;
}
/**
 * Sets the "disabled" property on the select input element.
 *
 * @param isDisabled The disabled value
 */
setDisabledState(isDisabled: boolean): void {
this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);
}
/** @internal */
_registerOption(value: ÉµNgSelectMultipleOption): string {
const id: string = (this._idCounter++).toString();
this._optionMap.set(id, value);
return id;
}
/** @internal */
_getOptionId(value: any): string|null {
for (const id of Array.from(this._optionMap.keys())) {
    if (this._compareWith(this._optionMap.get(id)!.value, value)) return id;
}
return null;
}
/** @internal */
_getOptionValue(valueString: string): any {
const id: string = _extractId(valueString);
return this._optionMap.has(id) ? this._optionMap.get(id)!.value : valueString;
}
}
}
/**
 * @description
 * Marks `<option>` as dynamic, so Angular can be notified when options change.
 */
@see `SelectMultipleControlValueAccessor`
}
}
@ngModule ReactiveFormsModule
}
}
@ngModule FormsModule
}
}
@publicApi
}
}
@Directive({selector: 'option'})
export class ÉµNgSelectMultipleOption implements OnDestroy {
// TODO(issue/24571): remove '!'.
_id!: string;
/** @internal */
_value: any;
constructor(
private _element: ElementRef,
private _renderer: Renderer2,
@Optional() @Host() private _select: SelectMultipleControlValueAccessor) {
if (this._select) {
this.id = this._select._registerOption(this);
}
}
/**
 * @description
 * Tracks the value bound to the option element. Unlike the value binding,
 * ngValue supports binding to objects.
 */
@Input('ngValue')
set ngValue(value: any) {
if (this._select == null) return;
this._value = value;
this._setElementValue(_buildValueString(this.id, value));
this._select.writeValue(this._select.value);
}
/**
 * @description
 * Tracks simple string values bound to the option element. For objects, use the
 * `ngValue` input binding.
 */
@Input('value')
set value(value: any) {
if (this._select) {
this._value = value;
this._setElementValue(_buildValueString(this.id, value));
this._select.writeValue(this._select.value);
} else {
this._setElementValue(value);
}
}
}
/** @internal */
_setElementValue(value: string): void {
this._renderer.setProperty(this._element.nativeElement, 'value', value);
}
}
/** @internal */
_setSelected(selected: boolean) {
this._renderer.setProperty(this._element.nativeElement, 'selected', selected);
}
}
/**
 * @description
 * Lifecycle method called before the directive's instance is destroyed. For internal use only.
 */
ngOnDestroy(): void {
if (this._select) {
this._select._optionMap.delete(this.id);
this._select.writeValue(this._select.value);
}
}
}
}
export {ÉµNgSelectMultipleOption as NgSelectMultipleOption};
}
}
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be
 * found in the LICENSE file at
 * https://angular.io/license
 */
import {isDevMode, ÉµlooseIdentical as looseIdentical} from '@angular/core';
import {FormArray, FormControl, FormGroup} from './model';
import {Validators} from './validators';
import {AbstractControlDirective} from './abstract_control_directive';
import {AbstractFormGroupDirective} from './abstract_form_group_directive';
import {CheckboxControlValueAccessor} from './checkbox_value_accessor';
import {ControlContainer} from './control_container';
import {ControlValueAccessor} from './control_value_accessor';
import {DefaultValueAccessor} from './default_value_accessor';
import {NgControl} from './ng_control';
import {normalizeAsyncValidator, normalizeValidator} from './normalize_validator';
import {NumberValueAccessor} from './number_value_accessor';
import {RadioControlValueAccessor} from './radio_control_value_accessor';
import {RangeValueAccessor} from './range_value_accessor';
import {FormArrayName} from './reactive_directives/form_group_name';
import {ReactiveErrors} from './reactive_errors';
import {SelectControlValueAccessor} from './select_control_value_accessor';
import

```

```

{SelectMultipleControlValueAccessor} from './select_multiple_control_value_accessor';\nimport { AsyncValidator,
AsyncValidatorFn, Validator, ValidatorFn } from './validators';\n\n\nexport function controlPath(name: string | null,
parent: ControlContainer): string[] {\n return [...parent.path !, name !];\n}\n\n\nexport function setUpControl(control:
FormControl, dir: NgControl): void {\n if (!control) _throwError(dir, 'Cannot find control with');\n if
(!dir.valueAccessor) _throwError(dir, 'No value accessor for form control with');\n\n control.validator =
Validators.compose([control.validator !, dir.validator]);\n control.asyncValidator =
Validators.composeAsync([control.asyncValidator !, dir.asyncValidator]);\n dir.valueAccessor
!.writeValue(control.value);\n\n setUpViewChangePipeline(control, dir);\n setUpModelChangePipeline(control,
dir);\n\n setUpBlurPipeline(control, dir);\n\n if (dir.valueAccessor !.setDisabledState) {\n
control.registerOnDisabledChange(\n (isDisabled: boolean) => { dir.valueAccessor !.setDisabledState
!(isDisabled); });\n }\n\n // re-run validation when validator binding changes, e.g. minlength=3 -> minlength=4\n
dir._rawValidators.forEach((validator: Validator | ValidatorFn) => {\n if
((<Validator>validator).registerOnValidatorChange)\n (<Validator>validator).registerOnValidatorChange !(() =>
control.updateValueAndValidity());\n });\n\n dir._rawAsyncValidators.forEach((validator: AsyncValidator |
AsyncValidatorFn) => {\n if ((<Validator>validator).registerOnValidatorChange)\n (<Validator>validator).registerOnValidatorChange !(() => control.updateValueAndValidity());\n });\n}\n\n\nexport
function cleanUpControl(control: FormControl, dir: NgControl) {\n dir.valueAccessor !.registerOnChange(() =>
_noControlError(dir));\n dir.valueAccessor !.registerOnTouched(() => _noControlError(dir));\n\n
dir._rawValidators.forEach((validator: any) => {\n if (validator.registerOnValidatorChange) {\n
validator.registerOnValidatorChange(null);\n }\n });\n\n dir._rawAsyncValidators.forEach((validator: any) =>
{\n if (validator.registerOnValidatorChange) {\n validator.registerOnValidatorChange(null);\n }\n });\n}\n\n
if (control) control._clearChangeFns();\n}\n\n\nfunction setUpViewChangePipeline(control: FormControl, dir:
NgControl): void {\n dir.valueAccessor !.registerOnChange((newValue: any) => {\n control._pendingValue =
newValue;\n control._pendingChange = true;\n control._pendingDirty = true;\n\n if (control.updateOn ===
'change') updateControl(control, dir);\n });\n}\n\n\nfunction setUpBlurPipeline(control: FormControl, dir:
NgControl): void {\n dir.valueAccessor !.registerOnTouched(() => {\n control._pendingTouched = true;\n\n if
(control.updateOn === 'blur' && control._pendingChange) updateControl(control, dir);\n if (control.updateOn !===
'submit') control.markAsTouched();\n });\n}\n\n\nfunction updateControl(control: FormControl, dir: NgControl):
void {\n if (control._pendingDirty) control.markAsDirty();\n control.setValue(control._pendingValue,
{emitModelToViewChange: false});\n dir.viewToModelUpdate(control._pendingValue);\n\n
control._pendingChange = false;\n}\n\n\nfunction setUpModelChangePipeline(control: FormControl, dir: NgControl):
void {\n control.registerOnChange((newValue: any, emitModelEvent: boolean) => {\n // control -> view\n
dir.valueAccessor !.writeValue(newValue);\n\n // control -> ngModel\n if (emitModelEvent)
dir.viewToModelUpdate(newValue);\n });\n}\n\n\nexport function setUpFormContainer(\n control: FormGroup |
FormArray, dir: AbstractFormGroupDirective | FormArrayName) {\n if (control == null) _throwError(dir, 'Cannot
find control with');\n control.validator = Validators.compose([control.validator, dir.validator]);\n\n
control.asyncValidator = Validators.composeAsync([control.asyncValidator, dir.asyncValidator]);\n}\n\n\nfunction
_noControlError(dir: NgControl) {\n return _throwError(dir, 'There is no FormControl instance attached to form
control element with');\n}\n\n\nfunction _throwError(dir: AbstractControlDirective, message: string): void {\n let
messageEnd: string;\n if (dir.path !.length > 1) {\n messageEnd = `path: ${dir.path!.join(' -> ')}";\n } else if
(dir.path ![0]) {\n messageEnd = `name: ${dir.path}`;\n } else {\n messageEnd = 'unspecified name attribute';\n
}\n\n throw new Error(`${message} ${messageEnd}`);\n}\n\n\nexport function composeValidators(validators:
Array<Validator|ValidatorFn>): ValidatorFn|null {\n return validators != null ?
Validators.compose(validators.map(normalizeValidator)) : null;\n}\n\n\nexport function
composeAsyncValidators(validators: Array<AsyncValidator|AsyncValidatorFn>):\n AsyncValidatorFn|null {\n
return validators != null ? Validators.composeAsync(validators.map(normalizeAsyncValidator)) :\n
null;\n}\n\n\nexport function isPropertyUpdated(changes: {[key: string]: any}, viewModel: any): boolean {\n if
(!changes.hasOwnProperty('model')) return false;\n\n const change = changes['model'];\n\n if

```

```

(change.isFirstChange()) return true;\n return !looseIdentical(viewModel, change.currentValue);\n}\n\nconst
BUILTIN_ACCESSORS = [\n  CheckboxControlValueAccessor,\n  RangeValueAccessor,\n
NumberValueAccessor,\n  SelectControlValueAccessor,\n  SelectMultipleControlValueAccessor,\n
RadioControlValueAccessor,\n];\n\nexport function isBuiltInAccessor(valueAccessor: ControlValueAccessor):
boolean {\n return BUILTIN_ACCESSORS.some(a => valueAccessor.constructor === a);\n}\n\nexport function
syncPendingControls(form: FormGroup, directives: NgControl[]): void {\n form._syncPendingControls();\n
directives.forEach(dir => {\n  const control = dir.control as FormControl;\n  if (control.updateOn === 'submit'
&& control._pendingChange) {\n    dir.viewToModelUpdate(control._pendingValue);\n
control._pendingChange = false;\n  }\n });\n}\n\n// TODO: vsavkin remove it once
https://github.com/angular/angular/issues/3011 is implemented\n\nexport function selectValueAccessor(\n dir:
NgControl, valueAccessors: ControlValueAccessor[]): ControlValueAccessor|null {\n if (!valueAccessors) return
null;\n\n if (!Array.isArray(valueAccessors))\n  _throwError(dir, 'Value accessor was not provided as an array for
form control with');\n\n let defaultAccessor: ControlValueAccessor|undefined = undefined;\n let builtinAccessor:
ControlValueAccessor|undefined = undefined;\n let customAccessor: ControlValueAccessor|undefined =
undefined;\n\n valueAccessors.forEach((v: ControlValueAccessor) => {\n  if (v.constructor ===
DefaultValueAccessor) {\n    defaultAccessor = v;\n\n  } else if (isBuiltInAccessor(v)) {\n    if
(builtinAccessor)\n      _throwError(dir, 'More than one built-in value accessor matches form control with');\n    builtinAccessor = v;\n\n  } else {\n    if (customAccessor)\n      _throwError(dir, 'More than one custom value
accessor matches form control with');\n    customAccessor = v;\n  }\n });\n\n if (customAccessor) return
customAccessor;\n if (builtinAccessor) return builtinAccessor;\n if (defaultAccessor) return defaultAccessor;\n\n
_throwError(dir, 'No valid value accessor for form control with');\n return null;\n}\n\nexport function
removeDir<T>(list: T[], el: T): void {\n const index = list.indexOf(el);\n if (index > -1) list.splice(index,
1);\n}\n\n// TODO(kara): remove after deprecation period\n\nexport function _ngModelWarning(\n name: string,
type: { _ngModelWarningSentOnce: boolean },\n instance: { _ngModelWarningSent: boolean }, warningConfig:
string | null) {\n if (!isDevMode() || warningConfig === 'never') return;\n\n if (((warningConfig === null ||
warningConfig === 'once') && !type._ngModelWarningSentOnce) ||\n (warningConfig === 'always' &&
!instance._ngModelWarningSent)) {\n  ReactiveErrors.ngModelWarning(name);\n
type._ngModelWarningSentOnce = true;\n instance._ngModelWarningSent = true;\n }\n}\n\n"/**\n * @license\n
* Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license
that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport { EventEmitter } from
'@angular/core';\nimport { Observable } from 'rxjs';\nimport { composeAsyncValidators, composeValidators } from
'./directives/shared';\nimport { AsyncValidatorFn, ValidationErrors, ValidatorFn } from
'./directives/validators';\nimport { toObservable } from './validators';\n\n/**\n * Reports that a FormControl is valid,
meaning that no errors exist in the input value.\n *\n * @see `status`\n */\n\nexport const VALID = 'VALID';\n\n/**\n
* Reports that a FormControl is invalid, meaning that an error exists in the input value.\n *\n * @see `status`\n
*/\n\nexport const INVALID = 'INVALID';\n\n/**\n * Reports that a FormControl is pending, meaning that that async
validation is occurring and\n * errors are not yet available for the input value.\n *\n * @see `markAsPending`\n
*/\n\nexport const PENDING = 'PENDING';\n\n/**\n * Reports that a FormControl is disabled,
meaning that the control is exempt from ancestor\n * calculations of validity or value.\n *\n * @see
`markAsDisabled`\n */\n\nexport const DISABLED = 'DISABLED';\n\nfunction _find(control:
AbstractControl, path: Array<string|number>| string, delimiter: string) {\n if (path === null) return null;\n\n if
(!Array.isArray(path)) {\n path = path.split(delimiter);\n }\n\n if (Array.isArray(path) && path.length === 0)
return null;\n\n // Not using Array.reduce here due to a Chrome 80 bug\n //
https://bugs.chromium.org/p/chromium/issues/detail?id=1049982\n let controlToFind: AbstractControl|null =
control;\n path.forEach((name: string | number) => {\n if (controlToFind instanceof FormGroup) {\n
controlToFind = controlToFind.controls.hasOwnProperty(name as string) ?\n controlToFind.controls[name]
:\n null;\n } else if (controlToFind instanceof FormArray) {\n controlToFind =
controlToFind.at(<number>name) || null;\n } else {\n controlToFind = null;\n }\n });\n return

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controlToFind;\n}\n\nfunction coerceToValidator(\n  validatorOrOpts?: ValidatorFn | ValidatorFn[] |
AbstractControlOptions | null): ValidatorFn\n  null {\n  const validator =\n    (isOptionsObj(validatorOrOpts) ?
 validatorOrOpts as AbstractControlOptions).validators :\n    validatorOrOpts as ValidatorFn
\n  ValidatorFn[] | null;\n  return Array.isArray(validator) ? composeValidators(validator) : validator ||
null;\n}\n\nfunction coerceToAsyncValidator(\n  asyncValidator?: AsyncValidatorFn | AsyncValidatorFn[] | null,
validatorOrOpts?: ValidatorFn |\n  ValidatorFn[] | AbstractControlOptions | null): AsyncValidatorFn|null {\n
const origAsyncValidator =\n  (isOptionsObj(validatorOrOpts) ? (validatorOrOpts as
AbstractControlOptions).asyncValidators :\n  asyncValidator) as AsyncValidatorFn |\n  AsyncValidatorFn | null;\n  return Array.isArray(origAsyncValidator) ?
composeAsyncValidators(origAsyncValidator) :\n  origAsyncValidator ||
null;\n}\n\nexport type FormHooks = 'change' | 'blur' | 'submit';\n\n/**\n * Interface for options provided to an
`AbstractControl`.\n *\n * @publicApi\n */\nexport interface AbstractControlOptions {\n  /**\n * @description\n * The list of validators applied to a control.\n */\n  validators?: ValidatorFn|ValidatorFn[]|null;\n  /**\n *
 * @description\n * The list of async validators applied to control.\n */\n  asyncValidators?:
AsyncValidatorFn|AsyncValidatorFn[]|null;\n  /**\n * @description\n * The event name for control to update
upon.\n */\n  updateOn?: 'change'|'blur'|'submit';\n}\n\nfunction isOptionsObj(\n  validatorOrOpts?: ValidatorFn
| ValidatorFn[] | AbstractControlOptions | null): boolean {\n  return validatorOrOpts != null &&
!Array.isArray(validatorOrOpts) &&\n  typeof validatorOrOpts === 'object';\n}\n\n/**\n * This is the base class
for `FormControl`, `FormGroup`, and `FormArray`.\n *\n * It provides some of the shared behavior that all controls
and groups of controls have, like\n * running validators, calculating status, and resetting state. It also defines the
properties\n * that are shared between all sub-classes, like `value`, `valid`, and `dirty`. It shouldn't be\n * instantiated
directly.\n *\n * @see [Forms Guide](/guide/forms)\n * @see [Reactive Forms Guide](/guide/reactive-forms)\n *
 * @see [Dynamic Forms Guide](/guide/dynamic-form)\n *\n * @publicApi\n */\nexport abstract class
AbstractControl {\n  /** @internal */\n  // TODO(issue/24571): remove '!'.\n  _pendingDirty !: boolean;\n  /**
 * @internal */\n  // TODO(issue/24571): remove '!'.\n  _pendingTouched !: boolean;\n  /** @internal */\n
  _onCollectionChange = () => {};\n  /** @internal */\n  // TODO(issue/24571): remove '!'.\n  _updateOn !:
FormHooks;\n  // TODO(issue/24571): remove '!'.\n  private _parent !: FormGroup | FormArray;\n  private
_asyncValidationSubscription: any;\n  /**\n * The current value of the control.\n */\n  value: any; // For a `FormControl`,
the current value.\n  /**\n * For an enabled `FormGroup`, the values of enabled controls as an object\n */\n  values:
any; // For an enabled `FormGroup`, the values of enabled controls as an object\n  /**\n * with a key-
value pair for each member of the group.\n */\n  values: any; // For a disabled `FormGroup`, the values of all controls as an object\n
  /**\n * with a key-value pair for each member of the group.\n */\n  values: any; // For a `FormArray`, the values of enabled controls as
an array.\n  /**\n */\n  public readonly value: any;\n  /**\n */\n  /**\n * Initialize the AbstractControl instance.\n */\n
  /**\n * @param validator The function that determines the synchronous validity of this control.\n */\n  /**\n * @param
asyncValidator The function that determines the asynchronous validity of this\n */\n  /**\n */\n  constructor(public validator: ValidatorFn|null, public asyncValidator: AsyncValidatorFn|null) {\n  }\n  /**\n * The
parent control.\n */\n  get parent(): FormGroup|FormArray { return this._parent; }\n  /**\n * The validation
status of the control. There are four possible\n */\n  /**\n * validation status values:\n */\n  /**\n * * * *VALID* *: This control has
passed all validation checks.\n */\n  /**\n * * * *INVALID* *: This control has failed at least one validation check.\n */\n
  /**\n * * * *PENDING* *: This control is in the midst of conducting a validation check.\n */\n  /**\n * * * *DISABLED* *: This control
is exempt from validation checks.\n */\n  /**\n * These status values are mutually exclusive, so a control cannot be\n */\n
  /**\n * both valid AND invalid or invalid AND disabled.\n */\n  // TODO(issue/24571): remove '!'.\n  public readonly
status !: string;\n  /**\n */\n  /**\n * A control is `valid` when its `status` is `VALID`.\n */\n  /**\n * @see {@link
AbstractControl.status}\n */\n  /**\n * @returns True if the control has passed all of its validation tests,\n */\n  /**\n * false
otherwise.\n */\n  get valid(): boolean { return this.status === VALID; }\n  /**\n */\n  /**\n * A control is `invalid` when
its `status` is `INVALID`.\n */\n  /**\n * @see {@link AbstractControl.status}\n */\n  /**\n * @returns True if this control
has failed one or more of its validation checks,\n */\n  /**\n * false otherwise.\n */\n  get invalid(): boolean { return
this.status === INVALID; }\n  /**\n */\n  /**\n * A control is `pending` when its `status` is `PENDING`.\n */\n  /**\n * @see
{@link AbstractControl.status}\n */\n  /**\n * @returns True if this control is in the process of conducting a validation

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check,\n * false otherwise.\n */\n get pending(): boolean { return this.status === PENDING; }\n /**\n * A control is `disabled` when its `status` is `DISABLED`.\n *\n * Disabled controls are exempt from validation checks and\n * are not included in the aggregate value of their ancestor\n * controls.\n *\n * @see {@link AbstractControl.status}\n *\n * @returns True if the control is disabled, false otherwise.\n */\n get disabled(): boolean { return this.status === DISABLED; }\n\n /**\n * A control is `enabled` as long as its `status` is not `DISABLED`.\n *\n * @returns True if the control has any status other than 'DISABLED',\n * false if the status is 'DISABLED'.\n *\n * @see {@link AbstractControl.status}\n *\n * @returns True if the control is disabled, false otherwise.\n */\n get enabled(): boolean { return this.status !== DISABLED; }\n\n /**\n * An object containing any errors generated by failing validation,\n * or null if there are no errors.\n *\n * // TODO(issue/24571): remove '!.\n public readonly errors!: ValidationErrors | null;\n\n /**\n * A control is `pristine` if the user has not yet changed\n * the value in the UI.\n *\n * @returns True if the user has not yet changed the value in the UI; compare `dirty`.\n * Programmatic changes to a control's value do not mark it dirty.\n *\n * public readonly pristine: boolean = true;\n\n /**\n * A control is `dirty` if the user has changed the value\n * in the UI.\n *\n * @returns True if the user has changed the value of this control in the UI; compare `pristine`.\n * Programmatic changes to a control's value do not mark it dirty.\n *\n * get dirty(): boolean { return !this.pristine; }\n\n /**\n * True if the control is marked as `touched`.\n *\n * A control is marked `touched` once the user has triggered\n * a `blur` event on it.\n *\n * public readonly touched: boolean = false;\n\n /**\n * True if the control has not been marked as touched\n *\n * A control is `untouched` if the user has not yet triggered\n * a `blur` event on it.\n *\n * get untouched(): boolean { return !this.touched; }\n\n /**\n * A multicasting observable that emits an event every time the value of the control changes, in\n * the UI or programmatically. It also emits an event each time you call enable() or disable()\n * without passing along {emitEvent: false} as a function argument.\n *\n * // TODO(issue/24571): remove '!.\n public readonly valueChanges!: Observable<any>;\n\n /**\n * A multicasting observable that emits an event every time the validation `status` of the control\n * recalculates.\n *\n * @see {@link AbstractControl.status}\n *\n * // TODO(issue/24571): remove '!.\n public readonly statusChanges!: Observable<any>;\n\n /**\n * Reports the update strategy of the `AbstractControl` (meaning\n * the event on which the control updates itself).\n * Possible values: `change` | `blur` | `submit`\n * Default value: `change`\n *\n * get updateOn(): FormHooks {\n return this._updateOn ? this._updateOn : (this.parent ? this.parent.updateOn : 'change');\n }\n\n /**\n * Sets the synchronous validators that are active on this control. Calling\n * this overwrites any existing sync validators.\n *\n * When you add or remove a validator at run time, you must call\n * `updateValueAndValidity()` for the new validation to take effect.\n *\n * // setValidators(newValidator: ValidatorFn|ValidatorFn[]|null): void {\n this.validator = coerceToValidator(newValidator);\n }\n\n /**\n * Sets the async validators that are active on this control. Calling this\n * overwrites any existing async validators.\n *\n * When you add or remove a validator at run time, you must call\n * `updateValueAndValidity()` for the new validation to take effect.\n *\n * // setAsyncValidators(newValidator: AsyncValidatorFn|AsyncValidatorFn[]|null): void {\n this.asyncValidator = coerceToAsyncValidator(newValidator);\n }\n\n /**\n * Empties out the sync validator list.\n *\n * When you add or remove a validator at run time, you must call\n * `updateValueAndValidity()` for the new validation to take effect.\n *\n * // clearValidators(): void { this.validator = null; }\n\n /**\n * Empties out the async validator list.\n *\n * When you add or remove a validator at run time, you must call\n * `updateValueAndValidity()` for the new validation to take effect.\n *\n * // clearAsyncValidators(): void { this.asyncValidator = null; }\n\n /**\n * Marks the control as `touched`. A control is touched by focus and\n * blur events that do not change the value.\n *\n * @see `markAsUntouched()`\n * @see `markAsDirty()`\n * @see `markAsPristine()`\n *\n * @param opts Configuration options that determine how the control propagates changes\n * and emits events after marking is applied.\n * * `onlySelf`: When true, mark only this control. When false or not supplied,\n * marks all direct ancestors. Default is false.\n *\n * // markAsTouched(opts: {onlySelf?: boolean} = {}): void {\n (this as {touched: boolean}).touched = true;\n\n if (this._parent && !opts.onlySelf) {\n this._parent.markAsTouched(opts);\n }\n }\n\n /**\n * Marks the control and all its descendant controls as `touched`.\n *\n * @see `markAsTouched()`\n *\n * // markAllAsTouched(): void {\n this.markAsTouched({onlySelf: true});\n\n this._forEachChild((control: AbstractControl) => control.markAllAsTouched());\n }\n\n /**\n *

```

Marks the control as ``untouched``.
 * If the control has any children, also marks all children as ``untouched`` and recalculates the ``touched`` status of all parent controls.
 * @see ``markAsTouched()``
 * @see ``markAsDirty()``
 * @see ``markAsPristine()``
 * @param opts Configuration options that determine how the control propagates changes and emits events after the marking is applied.
 * * ``onlySelf``: When true, mark only this control. When false or not supplied, marks all direct ancestors. Default is false.
 * ``markAsUntouched(opts: {onlySelf?: boolean} = {}): void`` (this as {touched: boolean}).touched = false;
 this._pendingTouched = false;
 this._forEachChild((control: AbstractControl) => { control.markAsUntouched({onlySelf: true}); });
 if (this._parent && !opts.onlySelf) {
 this._parent._updateTouched(opts);
 }
 }
 /** Marks the control as ``dirty``. A control becomes dirty when the control's value is changed through the UI; compare ``markAsTouched``.
 * @see ``markAsTouched()``
 * @see ``markAsUntouched()``
 * @see ``markAsPristine()``
 * @param opts Configuration options that determine how the control propagates changes and emits events after marking is applied.
 * * ``onlySelf``: When true, mark only this control. When false or not supplied, marks all direct ancestors. Default is false.
 * ``markAsDirty(opts: {onlySelf?: boolean} = {}): void`` (this as {pristine: boolean}).pristine = false;
 if (this._parent && !opts.onlySelf) {
 this._parent.markAsDirty(opts);
 }
 }
 /** Marks the control as ``pristine``.
 * If the control has any children, marks all children as ``pristine``, and recalculates the ``pristine`` status of all parent controls.
 * @see ``markAsTouched()``
 * @see ``markAsUntouched()``
 * @see ``markAsDirty()``
 * @param opts Configuration options that determine how the control emits events after marking is applied.
 * * ``onlySelf``: When true, mark only this control. When false or not supplied, marks all direct ancestors. Default is false.
 * ``markAsPristine(opts: {onlySelf?: boolean} = {}): void`` (this as {pristine: boolean}).pristine = true;
 this._pendingDirty = false;
 this._forEachChild((control: AbstractControl) => { control.markAsPristine({onlySelf: true}); });
 if (this._parent && !opts.onlySelf) {
 this._parent._updatePristine(opts);
 }
 }
 /** Marks the control as ``pending``.
 * A control is pending while the control performs async validation.
 * @see `{@link AbstractControl.status}``
 * @param opts Configuration options that determine how the control propagates changes and emits events after marking is applied.
 * * ``onlySelf``: When true, mark only this control. When false or not supplied, marks all direct ancestors. Default is false.
 * * ``emitEvent``: When true or not supplied (the default), the ``statusChanges`` observable emits an event with the latest status the control is marked pending. When false, no events are emitted.
 * ``markAsPending(opts: {onlySelf?: boolean, emitEvent?: boolean} = {}): void`` (this as {status: string}).status = PENDING;
 if (opts.emitEvent !== false) {
 (this.statusChanges as EventEmitter<any>).emit(this.status);
 }
 if (this._parent && !opts.onlySelf) {
 this._parent.markAsPending(opts);
 }
 }
 /** Disables the control. This means the control is exempt from validation checks and excluded from the aggregate value of any parent. Its status is ``DISABLED``.
 * If the control has children, all children are also disabled.
 * @see `{@link AbstractControl.status}``
 * @param opts Configuration options that determine how the control propagates changes and emits events after the control is disabled.
 * * ``onlySelf``: When true, mark only this control. When false or not supplied, marks all direct ancestors. Default is false.
 * * ``emitEvent``: When true or not supplied (the default), both the ``statusChanges`` and ``valueChanges`` observables emit events with the latest status and value when the control is disabled. When false, no events are emitted.
 * ``disable(opts: {onlySelf?: boolean, emitEvent?: boolean} = {}): void`` // If parent has been marked artificially dirty we don't want to re-calculate the parent's dirtiness based on the children.
 const skipPristineCheck = this._parentMarkedDirty(opts.onlySelf);
 (this as {status: string}).status = DISABLED;
 (this as {errors: ValidationErrors | null}).errors = null;
 this._forEachChild((control: AbstractControl) => { control.disable({...opts, onlySelf: true}); });
 this._updateValue();
 if (opts.emitEvent !== false) {
 (this.valueChanges as EventEmitter<any>).emit(this.value);
 (this.statusChanges as EventEmitter<string>).emit(this.status);
 }
 this._updateAncestors({...opts, skipPristineCheck});
 this._onDisabledChange.forEach((changeFn) => changeFn(true));
 }
 /** Enables the control. This means the control is included in validation checks and


```

* the aggregate value of its parent. Its status recalculates based on its value and
* its validators.
*
* By default, if the control has children, all children are enabled.
*
* @see {@link AbstractControl.status}
*
* @param opts Configure options that control how the control propagates changes and
* emits events when marked as untouched
* * `onlySelf`: When true, mark only this control. When false or not supplied,
* marks all direct ancestors. Default is false.
* * `emitEvent`: When true or not supplied (the default), both the
`statusChanges` and
* `valueChanges`
* observables emit events with the latest status and value when the
control is enabled.
* When false, no events are emitted.
*/
enable(opts: {onlySelf?: boolean, emitEvent?:
boolean} = {}): void {
  // If parent has been marked artificially dirty we don't want to re-calculate the
  // parent's dirtiness based on the children.
  const skipPristineCheck = this._parentMarkedDirty(opts.onlySelf);
  (this as {status: string}).status = VALID;
  this._forEachChild((control: AbstractControl) => {
    control.enable({...opts, onlySelf: true});
  });
  this.updateValueAndValidity({onlySelf: true, emitEvent:
opts.emitEvent});
  this._updateAncestors({...opts, skipPristineCheck});
  this._onDisabledChange.forEach((changeFn) => changeFn(false));
}

private _updateAncestors(opts:
{onlySelf?: boolean, emitEvent?: boolean, skipPristineCheck?: boolean}) {
  if (this._parent && !opts.onlySelf)
  {
    this._parent.updateValueAndValidity(opts);
    if (!opts.skipPristineCheck) {
      this._parent._updatePristine();
    }
    this._parent._updateTouched();
  }
}

/**
 * @param parent
Sets the parent of the control
*/
setParent(parent: FormGroup|FormArray): void {
  this._parent = parent;
}

/**
 * Sets the value of the control. Abstract method (implemented in sub-classes).
*/
abstract setValue(value: any, options?: Object): void;

/**
 * Patches the value of the control. Abstract method
(implemented in sub-classes).
*/
abstract patchValue(value: any, options?: Object): void;

/**
 * Resets the control. Abstract method (implemented in sub-classes).
*/
abstract reset(value?: any, options?: Object):
void;

/**
 * Recalculates the value and validation status of the control.
*/
*
* By default, it also updates the value and validity of its ancestors.
*
* @param opts Configuration options determine how the control
propagates changes and emits events
* after updates and validity checks are applied.
* * `onlySelf`: When true, only update this control. When false or not supplied,
* update all direct ancestors. Default is false.
* * `emitEvent`: When true or not supplied (the default), both the
`statusChanges` and
* `valueChanges`
* observables emit events with the latest status and value when the control is updated.
* When false, no events are emitted.
*/
updateValueAndValidity(opts: {onlySelf?: boolean, emitEvent?: boolean} = {}): void {
  this._setInitialStatus();
  this._updateValue();
  if (this.enabled) {
    this._cancelExistingSubscription();
    (this as {errors: ValidationErrors | null}).errors = this._runValidator();
    (this as {status: string}).status =
this._calculateStatus();
    if (this.status === VALID || this.status === PENDING) {
      this._runAsyncValidator(opts.emitEvent);
    }
    if (opts.emitEvent !== false) {
      (this.valueChanges as EventEmitter<any>).emit(this.value);
      (this.statusChanges as EventEmitter<string>).emit(this.status);
    }
    if (this._parent && !opts.onlySelf) {
      this._parent.updateValueAndValidity(opts);
    }
  }

  /**
  @internal
  */
  _updateTreeValidity(opts: {emitEvent?: boolean} = {emitEvent: true}) {
    this._forEachChild((ctrl: AbstractControl) => ctrl._updateTreeValidity(opts));
  }

  this.updateValueAndValidity({onlySelf: true, emitEvent: opts.emitEvent});

  private _setInitialStatus() {
    (this as {status: string}).status = this._allControlsDisabled() ? DISABLED : VALID;
  }

  private
_runValidator(): ValidationErrors|null {
    return this.validator ? this.validator(this) : null;
  }

  private
_runAsyncValidator(emitEvent?: boolean): void {
    if (this.asyncValidator) {
      (this as {status: string}).status =
PENDING;
      const obs = toObservable(this.asyncValidator(this));
      this._asyncValidationSubscription =
obs.subscribe((errors: ValidationErrors | null) => this.setErrors(errors, {emitEvent}));
    }
  }

  private
_cancelExistingSubscription(): void {
    if (this._asyncValidationSubscription) {
      this._asyncValidationSubscription.unsubscribe();
    }
  }

  /**
  * Sets errors on a form control when running
validations manually, rather than automatically.
*/
*
* Calling `setErrors` also updates the validity of the parent
control.
*/
*
* @usageNotes
* ### Manually set the errors for a control
*/
*
* ```
* const login = new
FormControl('someLogin');
* login.setErrors({
* notUnique: true
* });
*
*
* expect(login.valid).toEqual(false);
* expect(login.errors).toEqual({ notUnique: true });
*/

```

```

login.setValue('someOtherLogin');\n *\n * expect(login.valid).toEqual(true);\n * ```\n *\n * setErrors(errors:
ValidationErrors|null, opts: {emitEvent?: boolean} = {}): void {\n (this as{errors: ValidationErrors | null}).errors
= errors;\n this._updateControlsErrors(opts.emitEvent !== false);\n }\n\n /**\n * Retrieves a child control given
the control's name or path.\n *\n * @param path A dot-delimited string or array of string/number values that
define the path to the\n * control.\n *\n * @usageNotes\n * ### Retrieve a nested control\n *\n * For
example, to get a `name` control nested within a `person` sub-group:\n *\n * * `this.form.get('person.name');`\n
*\n * -OR-\n *\n * * `this.form.get(['person', 'name']);`\n *\n * ^\n * get(path: Array<string|number>|string):
AbstractControl|null { return _find(this, path, '.'); }\n\n /**\n * @description\n * Reports error data for the
control with the given path.\n *\n * @param errorCode The code of the error to check\n * @param path A list of
control names that designates how to move from the current control\n * to the control that should be queried for
errors.\n *\n * @usageNotes\n * For example, for the following `FormGroup`:\n *\n * ```\n * form = new
FormGroup({\n * address: new FormGroup({ street: new FormControl() })\n * });\n * ```\n *\n * The path to
the `street` control from the root form would be `address` -> `street`.\n *\n * It can be provided to this method in one
of two formats:\n *\n * 1. An array of string control names, e.g. `['address', 'street']`\n * 1. A period-delimited list
of control names in one string, e.g. `address.street`\n *\n * @returns error data for that particular error. If the
control or error is not present,\n * null is returned.\n *\n * ^\n * getError(errorCode: string, path?:
Array<string|number>|string): any {\n const control = path ? this.get(path) : this;\n return control &&
control.errors ? control.errors[errorCode] : null;\n }\n\n /**\n * @description\n * Reports whether the control
with the given path has the error specified.\n *\n * @param errorCode The code of the error to check\n *
@param path A list of control names that designates how to move from the current control\n * to the control that
should be queried for errors.\n *\n * @usageNotes\n * For example, for the following `FormGroup`:\n *\n *
```\n * form = new FormGroup({\n * address: new FormGroup({ street: new FormControl() })\n * });\n * ```\n
*\n * The path to the `street` control from the root form would be `address` -> `street`.\n *\n * It can be provided
to this method in one of two formats:\n *\n * 1. An array of string control names, e.g. `['address', 'street']`\n * 1.
A period-delimited list of control names in one string, e.g. `address.street`\n *\n * If no path is given, this method
checks for the error on the current control.\n *\n * @returns whether the given error is present in the control at the
given path.\n *\n * If the control is not present, false is returned.\n *\n * ^\n * hasError(errorCode: string, path?:
Array<string|number>|string): boolean {\n return !!this.getError(errorCode, path);\n }\n\n /**\n * Retrieves the
top-level ancestor of this control.\n *\n * ^\n * get root(): AbstractControl {\n let x: AbstractControl = this;\n while
(x._parent) {\n x = x._parent;\n }\n return x;\n }\n\n /** @internal *\n * ^\n * _updateControlsErrors(emitEvent:
boolean): void {\n (this as{status: string}).status = this._calculateStatus();\n if (emitEvent) {\n
(this.statusChanges as EventEmitter<string>).emit(this.status);\n }\n\n if (this._parent) {\n
this._parent._updateControlsErrors(emitEvent);\n }\n }\n\n /** @internal *\n * ^\n * _initObservables() {\n (this
as{valueChanges: Observable<any>}).valueChanges = new EventEmitter();\n (this as{statusChanges:
Observable<any>}).statusChanges = new EventEmitter();\n }\n\n private _calculateStatus(): string {\n if
(this._allControlsDisabled()) return DISABLED;\n if (this.errors) return INVALID;\n if
(this._anyControlsHaveStatus(PENDING)) return PENDING;\n if (this._anyControlsHaveStatus(INVALID))
return INVALID;\n return VALID;\n }\n\n /** @internal *\n * ^\n * abstract _updateValue(): void;\n\n /** @internal
*\n * ^\n * abstract _forEachChild(cb: Function): void;\n\n /** @internal *\n * ^\n * abstract _anyControls(condition:
Function): boolean;\n\n /** @internal *\n * ^\n * abstract _allControlsDisabled(): boolean;\n\n /** @internal *\n
*\n * ^\n * abstract _syncPendingControls(): boolean;\n\n /** @internal *\n * ^\n * _anyControlsHaveStatus(status: string): boolean
{\n return this._anyControls((control: AbstractControl) => control.status === status);\n }\n\n /** @internal *\n
*\n * ^\n * _anyControlsDirty(): boolean {\n return this._anyControls((control: AbstractControl) => control.dirty);\n
}\n\n /** @internal *\n * ^\n * _anyControlsTouched(): boolean {\n return this._anyControls((control: AbstractControl) =>
control.touched);\n }\n\n /** @internal *\n * ^\n * _updatePristine(opts: {onlySelf?: boolean} = {}): void {\n (this
as{pristine: boolean}).pristine = !this._anyControlsDirty();\n\n if (this._parent && !opts.onlySelf) {\n
this._parent._updatePristine(opts);\n }\n }\n\n /** @internal *\n * ^\n * _updateTouched(opts: {onlySelf?: boolean} =
{}): void {\n (this as{touched: boolean}).touched = this._anyControlsTouched();\n\n if (this._parent &&

```

```

!opts.onlySelf) {\n this._parent._updateTouched(opts);\n }\n }\n\n /** @internal *\n _onDisabledChange:
Function[] = [];\n\n /** @internal *\n _isBoxedValue(formState: any): boolean {\n return typeof formState ===
'object' && formState !== null &&\n Object.keys(formState).length === 2 && 'value' in formState &&
'disabled' in formState;\n }\n\n /** @internal *\n _registerOnCollectionChange(fn: () => void): void {\n
this._onCollectionChange = fn; }\n\n /** @internal *\n _setUpdateStrategy(opts?:
ValidatorFn|ValidatorFn[]|AbstractControlOptions|null): void {\n if (isOptionsObj(opts) && (opts as
AbstractControlOptions).updateOn !== null) {\n this._updateOn = (opts as AbstractControlOptions).updateOn !;\n
 }\n }\n\n /**\n * Check to see if parent has been marked artificially dirty.\n *\n * @internal\n *\n private
_parentMarkedDirty(onlySelf?: boolean): boolean {\n const parentDirty = this._parent && this._parent.dirty;\n
return !onlySelf && parentDirty && !this._parent._anyControlsDirty();\n }\n }\n\n /**\n * Tracks the value and
validation status of an individual form control.\n *\n * This is one of the three fundamental building blocks of
Angular forms, along with\n * `FormGroup` and `FormArray`. It extends the `AbstractControl` class that\n *
implements most of the base functionality for accessing the value, validation status,\n * user interactions and
events.\n *\n * @see `AbstractControl`\n * @see [Reactive Forms Guide](guide/reactive-forms)\n * @see [Usage
Notes](#usage-notes)\n *\n * @usageNotes\n *\n * ### Initializing Form Controls\n *\n * Instantiate a
`FormControl`, with an initial value.\n *\n * ```ts\n * const control = new FormControl('some value');\n *
console.log(control.value); // 'some value'\n * ```\n *\n * The following example initializes the control with a form
state object. The `value` and `disabled` keys are required in this case.\n *\n * ```ts\n * const control = new
FormControl({ value: 'a', disabled: true });\n * console.log(control.value); // 'a'\n * console.log(control.status);
// 'DISABLED'\n * ```\n *\n * The following example initializes the control with a sync validator.\n *\n * ```ts\n *
const control = new FormControl("", Validators.required);\n * console.log(control.value); // ""\n *
console.log(control.status); // 'INVALID'\n * ```\n *\n * The following example initializes the control using an
options object.\n *\n * ```ts\n * const control = new FormControl("", {\n * validators: Validators.required,\n *
 asyncValidators: myAsyncValidator\n * });\n * ```\n *\n * ### Configure the control to update on a blur event\n *\n
* Set the `updateOn` option to `blur` to update on the blur `event`.\n *\n * ```ts\n * const control = new
FormControl("", { updateOn: 'blur' });\n * ```\n *\n * ### Configure the control to update on a submit event\n *\n
* Set the `updateOn` option to `submit` to update on a submit `event`.\n *\n * ```ts\n * const control = new
FormControl("", { updateOn: 'submit' });\n * ```\n *\n * ### Reset the control back to an initial value\n *\n * You
reset to a specific form state by passing through a standalone\n * value or a form state object that contains both a
value and a disabled state\n * (these are the only two properties that cannot be calculated).\n *\n * ```ts\n *
const control = new FormControl('Nancy');\n * console.log(control.value); // 'Nancy'\n * control.reset('Drew');\n
*\n * console.log(control.value); // 'Drew'\n * ```\n *\n * ### Reset the control back to an initial value and disabled\n
*\n * ```ts\n * const control = new FormControl('Nancy');\n * console.log(control.value); // 'Nancy'\n *
console.log(control.status); // 'VALID'\n * control.reset({ value: 'Drew', disabled: true });\n * console.log(control.value); // 'Drew'\n * console.log(control.status); // 'DISABLED'\n * ```\n *\n * @publicApi\n
*\n * @export class FormControl extends AbstractControl {\n * /** @internal *\n * _onChange: Function[] = [];\n * /**
*\n * @internal *\n * _pendingValue: any;\n * /** @internal *\n * _pendingChange: any;\n * /**\n * * Creates a new
`FormControl` instance.\n * *\n * @param formState Initializes the control with an initial value,\n * * or an object
that defines the initial value and disabled state.\n * *\n * @param validatorOrOpts A synchronous validator function,
or an array of\n * * such functions, or an `AbstractControlOptions` object that contains validation functions\n * * and a
validation trigger.\n * *\n * @param asyncValidator A single async validator or array of async validator functions\n
*\n * *\n * constructor(\n * formState: any = null,\n * validatorOrOpts?:
ValidatorFn|ValidatorFn[]|AbstractControlOptions|null,\n * asyncValidator?:
AsyncValidatorFn|AsyncValidatorFn[]|null) {\n * super(\n * coerceToValidator(validatorOrOpts),\n * coerceToAsyncValidator(asyncValidator, validatorOrOpts));\n * this._applyFormState(formState);\n * this._setUpdateStrategy(validatorOrOpts);\n * this.updateValueAndValidity({ onlySelf: true, emitEvent: false });\n * this._initObservables();\n * }\n * /**\n * * Sets a new value for the form control.\n * *\n * @param value The new
value for the control.\n * *\n * @param options Configuration options that determine how the control propagates

```

changes and emits events when the value changes. The configuration options are passed to the `@link AbstractControl#updateValueAndValidity` `updateValueAndValidity` method. `onlySelf`: When true, each change only affects this control, and not its parent. Default is false. `emitEvent`: When true or not supplied (the default), both the `statusChanges` and `valueChanges` observables emit events with the latest status and value when the control value is updated. When false, no events are emitted. `emitModelToViewChange`: When true or not supplied (the default), each change triggers an `onChange` event to update the view. `emitViewToModelChange`: When true or not supplied (the default), each change triggers an `ngModelChange` event to update the model.

```

set value(value: any, options: {
 onlySelf?: boolean,
 emitEvent?: boolean,
 emitModelToViewChange?: boolean,
 emitViewToModelChange?: boolean
}) = void {
 (this as {value: any}).value = this._pendingValue = value;
 if (this._onChange.length && options.emitModelToViewChange !== false) {
 this._onChange.forEach((changeFn) => changeFn(this.value, options.emitViewToModelChange !== false));
 }
 this.updateValueAndValidity(options);
}

```

`patchValue` Patches the value of a control. This function is functionally the same as `@link FormControl#setValue` `setValue` at this level. It exists for symmetry with `@link FormGroup#patchValue` `patchValue` on `FormGroups` and `FormArrays`, where it does behave differently. `@see` `setValue` for options

```

patchValue(value: any, options: {
 onlySelf?: boolean,
 emitEvent?: boolean,
 emitModelToViewChange?: boolean,
 emitViewToModelChange?: boolean
}) = void {
 this.setValue(value, options);
}

```

`reset` Resets the form control, marking it `pristine` and `untouched`, and setting the value to null. `@param` `formState` Resets the control with an initial value or an object that defines the initial value and disabled state. `@param` `options` Configuration options that determine how the control propagates changes and emits events after the value changes. `onlySelf`: When true, each change only affects this control, and not its parent. Default is false. `emitEvent`: When true or not supplied (the default), both the `statusChanges` and `valueChanges` observables emit events with the latest status and value when the control is reset. When false, no events are emitted.

```

reset(formState: any = null, options: {
 onlySelf?: boolean,
 emitEvent?: boolean
}) = void {
 this._applyFormState(formState);
 this.markAsPristine(options);
 this.markAsUntouched(options);
 this.setValue(this.value, options);
 this._pendingChange = false;
}

```

`@internal` `_updateValue` `@internal` `_anyControls` (condition: Function): boolean { return false; } `@internal` `_allControlsDisabled`: boolean { return this.disabled; } `registerOnChange` Register a listener for change events. `@param` `fn` The method that is called when the value changes `registerOnChange` (fn: Function): void { this.\_onChange.push(fn); } `@internal` `_clearChangeFns`: void { this.\_onChange = []; this.\_onDisabledChange = []; this.\_onCollectionChange = () => {}; } `registerOnDisabledChange` Register a listener for disabled events. `@param` `fn` The method that is called when the disabled status changes. `registerOnDisabledChange` (fn: (isDisabled: boolean) => void): void { this.\_onDisabledChange.push(fn); } `@internal` `_forEachChild` (cb: Function): void { } `@internal` `_syncPendingControls`: boolean { if (this.updateOn === 'submit') { if (this.\_pendingDirty) this.markAsDirty(); if (this.\_pendingTouched) this.markAsTouched(); if (this.\_pendingChange) { this.setValue(this.\_pendingValue, {onlySelf: true, emitModelToViewChange: false}); return true; } } return false; } `private` `_applyFormState` (formState: any) { if (this.\_isBoxedValue(formState)) { (this as {value: any}).value = this.\_pendingValue = formState.value; formState.disabled ? this.disable({onlySelf: true, emitEvent: false}) : this.enable({onlySelf: true, emitEvent: false}); } else { (this as {value: any}).value = this.\_pendingValue = formState; } }

`FormGroup` Tracks the value and validity state of a group of `FormControl` instances. A `FormGroup` aggregates the values of each child `FormControl` into one object, with each control name as the key. It calculates its status by reducing the status values of its children. For example, if one of the controls in a group is invalid, the entire group becomes invalid. `FormGroup` is one of the three fundamental building blocks used to define forms in Angular, along with `FormControl` and `FormArray`. When instantiating a `FormGroup`, pass in a collection of child controls as the first argument. The key for each child registers the

```

name for the control.\n * \n * @usageNotes\n * \n * ### Create a form group with 2 controls\n * \n * ```\n * const
form = new FormGroup({\n * first: new FormControl('Nancy', Validators.minLength(2)),\n * last: new
FormControl('Drew'),\n * });\n * \n * console.log(form.value); // {first: 'Nancy', last: 'Drew'}\n *
console.log(form.status); // 'VALID'\n * ```\n * \n * ### Create a form group with a group-level validator\n * \n *
You include group-level validators as the second arg, or group-level async\n * validators as the third arg. These
come in handy when you want to perform validation\n * that considers the value of more than one child control.\n
*\n * ```\n * const form = new FormGroup({\n * password: new FormControl("", Validators.minLength(2)),\n *
passwordConfirm: new FormControl("", Validators.minLength(2)),\n * }, passwordMatchValidator);\n * \n * \n *
function passwordMatchValidator(g: FormGroup) {\n * return g.get('password').value ===
g.get('passwordConfirm').value\n * ? null : { 'mismatch': true }; \n * }\n * ```\n * \n * Like `FormControl`
instances, you choose to pass in\n * validators and async validators as part of an options object.\n * \n * ```\n * const
form = new FormGroup({\n * password: new FormControl(""),\n * passwordConfirm: new FormControl(""),\n * }, {
validators: passwordMatchValidator, asyncValidators: otherValidator });\n * \n * ```\n * \n * ### Set the updateOn
property for all controls in a form group\n * \n * The options object is used to set a default value for each child\n *
control's `updateOn` property. If you set `updateOn` to `blur` at the\n * group level, all child controls default to
`blur`, unless the child\n * has explicitly specified a different `updateOn` value.\n * \n * ```ts\n * const c = new
FormGroup({\n * one: new FormControl(),\n * }, { updateOn: 'blur' });\n * \n * ```\n * \n * @publicApi\n * \n * \n * export
class FormGroup extends AbstractControl {\n * /**\n * * Creates a new `FormGroup` instance.\n * * @param
controls A collection of child controls. The key for each child is the name\n * * under which it is registered.\n * * @param
validatorOrOpts A synchronous validator function, or an array of\n * * such functions, or an
`AbstractControlOptions` object that contains validation functions\n * * and a validation trigger.\n * * @param
asyncValidator A single async validator or array of async validator functions\n * * \n * * \n * * constructor(\n * * public
controls: {[key: string]: AbstractControl},\n * * validatorOrOpts?:
ValidatorFn|ValidatorFn[]|AbstractControlOptions|null,\n * * asyncValidator?:
AsyncValidatorFn|AsyncValidatorFn[]|null) {\n * * super(\n * * coerceToValidator(validatorOrOpts),\n * * coerceToAsyncValidator(asyncValidator, validatorOrOpts));\n * * this._initObservables();\n * * this._setUpdateStrategy(validatorOrOpts);\n * * this._setUpControls();\n * * this.updateValueAndValidity({ onlySelf:
true, emitEvent: false });\n * * }\n * * \n * * Registers a control with the group's list of controls.\n * * \n * * This
method does not update the value or validity of the control.\n * * \n * * Use {@link FormGroup#addControl addControl}
instead.\n * * \n * * @param name The control name to register in the collection\n * * \n * * @param control Provides the
control for the given name\n * * \n * * \n * * registerControl(name: string, control: AbstractControl): AbstractControl {\n * * if
(this.controls[name]) return this.controls[name];\n * * this.controls[name] = control;\n * * control.setParent(this);\n * * control._registerOnCollectionChange(this._onCollectionChange);\n * * return control;\n * * }\n * * \n * * /**\n * * Add a control
to this group.\n * * \n * * This method also updates the value and validity of the control.\n * * \n * * @param name The
control name to add to the collection\n * * \n * * @param control Provides the control for the given name\n * * \n * * \n *
addControl(name: string, control: AbstractControl): void {\n * * this.registerControl(name, control);\n * * this.updateValueAndValidity();\n * * this._onCollectionChange();\n * * }\n * * \n * * /**\n * * Remove a control from this
group.\n * * \n * * @param name The control name to remove from the collection\n * * \n * * \n * * removeControl(name:
string): void {\n * * if (this.controls[name]) this.controls[name]._registerOnCollectionChange(() => {});\n * * delete
(this.controls[name]);\n * * this.updateValueAndValidity();\n * * this._onCollectionChange();\n * * }\n * * \n * * /**\n * * Replace an existing control.\n * * \n * * @param name The control name to replace in the collection\n * * \n * * @param
control Provides the control for the given name\n * * \n * * \n * * setControl(name: string, control: AbstractControl): void {\n * * if
(this.controls[name]) this.controls[name]._registerOnCollectionChange(() => {});\n * * delete
(this.controls[name]);\n * * if (control) this.registerControl(name, control);\n * * this.updateValueAndValidity();\n * * this._onCollectionChange();\n * * }\n * * \n * * /**\n * * Check whether there is an enabled control with the given name in the
group.\n * * \n * * Reports false for disabled controls. If you'd like to check for existence in the group\n * * only, use
{@link AbstractControl#get get} instead.\n * * \n * * @param controlName The control name to check for existence
in the collection\n * * \n * * @returns false for disabled controls, true otherwise.\n * * \n * * contains(controlName:

```

```

string): boolean {\n return this.controls.hasOwnProperty(controlName) && this.controls[controlName].enabled;\n
}\n\n /**\n * Sets the value of the `FormGroup`. It accepts an object that matches\n * the structure of the group,\n with control names as keys.\n *\n * @usageNotes\n * ### Set the complete value for the form group\n *\n * ``\n * const form = new FormGroup({\n * first: new FormControl(),\n * last: new FormControl()\n * });\n *\n * console.log(form.value); // {first: null, last: null}\n *\n * form.setValue({first: 'Nancy', last: 'Drew'});\n *\n * console.log(form.value); // {first: 'Nancy', last: 'Drew'}\n * ``\n *\n * @throws When strict checks fail, such\n as setting the value of a control\n * that doesn't exist or if you exclude a value of a control that does exist.\n *\n * @param value The new value for the control that matches the structure of the group.\n * @param options\n Configuration options that determine how the control propagates changes\n * and emits events after the value\n changes.\n * The configuration options are passed to the {@link AbstractControl#updateValueAndValidity\n * updateValueAndValidity} method.\n *\n * * `onlySelf`: When true, each change only affects this control, and not\n its parent. Default is\n * false.\n * * `emitEvent`: When true or not supplied (the default), both the\n `statusChanges` and\n * `valueChanges`\n * observables emit events with the latest status and value when the\n control value is updated.\n * When false, no events are emitted.\n */\n setValue(value: {[key: string]: any},\n options: {onlySelf?: boolean, emitEvent?: boolean} = {}):\n void {\n this._checkAllValuesPresent(value);\n Object.keys(value).forEach(name => {\n this._throwIfControlMissing(name);\n this.controls[name].setValue(value[name], {onlySelf: true, emitEvent: options.emitEvent});\n });\n this.updateValueAndValidity(options);\n }\n\n /**\n * Patches the value of the `FormGroup`. It accepts an object\n with control\n * names as keys, and does its best to match the values to the correct controls\n * in the group.\n *\n * It accepts both super-sets and sub-sets of the group without throwing an error.\n *\n * @usageNotes\n * ### Patch the value for a form group\n *\n * ``\n * const form = new FormGroup({\n * first: new\n FormControl(),\n * last: new FormControl()\n * });\n *\n * console.log(form.value); // {first: null, last: null}\n *\n * form.patchValue({first: 'Nancy'});\n *\n * console.log(form.value); // {first: 'Nancy', last: null}\n * ``\n *\n * @param value The object that matches the structure of the group.\n * @param options\n Configuration options that\n determine how the control propagates changes and\n * emits events after the value is patched.\n *\n * * `onlySelf`:\n When true, each change only affects this control and not its parent. Default is\n * true.\n * * `emitEvent`: When\n true or not supplied (the default), both the `statusChanges` and\n * `valueChanges`\n * observables emit events\n with the latest status and value when the control value is updated.\n * When false, no events are emitted.\n * The\n configuration options are passed to the {@link AbstractControl#updateValueAndValidity\n * updateValueAndValidity} method.\n */\n patchValue(value: {[key: string]: any}, options: {onlySelf?: boolean,\n emitEvent?: boolean} = {}):\n void {\n Object.keys(value).forEach(name => {\n if (this.controls[name]) {\n this.controls[name].patchValue(value[name], {onlySelf: true, emitEvent: options.emitEvent});\n }\n });\n this.updateValueAndValidity(options);\n }\n\n /**\n * Resets the `FormGroup`, marks all descendants are marked\n `pristine` and `untouched`, and\n * the value of all descendants to null.\n *\n * You reset to a specific form state\n by passing in a map of states\n * that matches the structure of your form, with control names as keys. The state\n * is a standalone value or a form state object with both a value and a disabled\n * status.\n *\n * @param value\n Resets the control with an initial value,\n * or an object that defines the initial value and disabled state.\n *\n * @param options\n Configuration options that determine how the control propagates changes\n * and emits events\n when the group is reset.\n *\n * * `onlySelf`: When true, each change only affects this control, and not its parent.\n Default is\n * false.\n * * `emitEvent`: When true or not supplied (the default), both the `statusChanges` and\n * `valueChanges`\n * observables emit events with the latest status and value when the control is reset.\n * When\n false, no events are emitted.\n * The\n configuration options are passed to the {@link\n AbstractControl#updateValueAndValidity\n * updateValueAndValidity} method.\n *\n * * @usageNotes\n *\n * ### Reset the form group values\n *\n * ``ts\n * const form = new FormGroup({\n * first: new\n FormControl('first name'),\n * last: new FormControl('last name')\n * });\n *\n * console.log(form.value); //\n {first: 'first name', last: 'last name'}\n *\n * form.reset({ first: 'name', last: 'last name'});\n *\n * console.log(form.value); //\n {first: 'name', last: 'last name'}\n * ``\n *\n * ### Reset the form group values and\n disabled status\n *\n * ``\n * const form = new FormGroup({\n * first: new FormControl('first name'),\n *

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```

last: new FormControl('last name')\n * });\n * form.reset({\n * first: { value: 'name', disabled: true },\n * last: 'last'\n * });\n * console.log(this.form.value); // {first: 'name', last: 'last name'}\n * console.log(this.form.get('first').status); // 'DISABLED'\n * ``\n * /\n * reset(value: any = {}, options: {onlySelf?: boolean, emitEvent?: boolean} = {}): void {\n * this._forEachChild((control: AbstractControl, name: string) => {\n * control.reset(value[name], {onlySelf: true, emitEvent: options.emitEvent});\n * });\n * this._updatePristine(options);\n * this._updateTouched(options);\n * this.updateValueAndValidity(options);\n * }\n * /\n * The aggregate value of the `FormGroup`, including any disabled controls.\n * /\n * Retrieves all values regardless of disabled status.\n * /\n * The `value` property is the best way to get the value of the group, because\n * it excludes disabled controls in the `FormGroup`.\n * /\n * /\n * /\n * getRawValue(): any {\n * return this._reduceChildren(\n * {}, (acc: {[k: string]: AbstractControl}, control: AbstractControl, name: string) => {\n * acc[name] = control instanceof FormControl ? control.value : (<any>control).getRawValue();\n * return acc;\n * });\n * }\n * /\n * @internal *\n * _syncPendingControls(): boolean {\n * let subtreeUpdated = this._reduceChildren(false, (updated: boolean, child: AbstractControl) => {\n * return child._syncPendingControls() ? true : updated;\n * });\n * if (subtreeUpdated) this.updateValueAndValidity({onlySelf: true});\n * return subtreeUpdated;\n * }\n * /\n * @internal *\n * _throwIfControlMissing(name: string): void {\n * if (!Object.keys(this.controls).length) {\n * throw new Error`\n * There are no form controls registered with this group yet. If you're using ngModel,\n * you may want to check next tick (e.g. use setTimeout).\n * `;\n * }\n * if (!this.controls[name]) {\n * throw new Error`Cannot find form control with name: ${name}.`;\n * }\n * }\n * /\n * @internal *\n * _forEachChild(cb: (v: any, k: string) => void): void {\n * Object.keys(this.controls).forEach(k => cb(this.controls[k], k));\n * }\n * /\n * @internal *\n * _setUpControls(): void {\n * this._forEachChild((control: AbstractControl) => {\n * control.setParent(this);\n * control._registerOnCollectionChange(this._onCollectionChange);\n * });\n * }\n * /\n * @internal *\n * _updateValue(): void {\n * (this as {value: any}).value = this._reduceValue();\n * }\n * /\n * @internal *\n * _anyControls(condition: Function): boolean {\n * let res = false;\n * this._forEachChild((control: AbstractControl, name: string) => {\n * res = res || (this.contains(name) && condition(control));\n * });\n * return res;\n * }\n * /\n * @internal *\n * _reduceValue() {\n * return this._reduceChildren(\n * {}, (acc: {[k: string]: AbstractControl}, control: AbstractControl, name: string) => {\n * if (control.enabled || this.disabled) {\n * acc[name] = control.value;\n * }\n * return acc;\n * });\n * }\n * /\n * @internal *\n * _reduceChildren(initValue: any, fn: Function) {\n * let res = initValue;\n * this._forEachChild(\n * (control: AbstractControl, name: string) => { res = fn(res, control, name); }\n *);\n * return res;\n * }\n * /\n * @internal *\n * _allControlsDisabled(): boolean {\n * for (const controlName of Object.keys(this.controls)) {\n * if (this.controls[controlName].enabled) {\n * return false;\n * }\n * }\n * return Object.keys(this.controls).length > 0 || this.disabled;\n * }\n * /\n * @internal *\n * _checkAllValuesPresent(value: any): void {\n * this._forEachChild((control: AbstractControl, name: string) => {\n * if (value[name] === undefined) {\n * throw new Error`Must supply a value for form control with name: ${name}.`;\n * }\n * });\n * }\n * /\n * /\n * /\n * * Tracks the value and validity state of an array of `FormControl`,\n * `FormGroup` or `FormArray` instances.\n * /\n * * A `FormArray` aggregates the values of each child `FormControl` into an array.\n * /\n * * It calculates its status by reducing the status values of its children. For example, if one of\n * the controls in a `FormArray` is invalid, the entire array becomes invalid.\n * /\n * * `FormArray` is one of the three fundamental building blocks used to define forms in Angular,\n * along with `FormControl` and `FormGroup`.\n * /\n * * @usageNotes\n * /\n * * ### Create an array of form controls\n * /\n * * ``\n * * const arr = new FormArray([\n * * new FormControl('Nancy', Validators.minLength(2)),\n * * new FormControl('Drew'),\n * *]);\n * * console.log(arr.value); // ['Nancy', 'Drew']\n * * console.log(arr.status); // 'VALID'\n * * /\n * * ### Create a form array with array-level validators\n * /\n * * You include array-level validators and async validators. These come in handy\n * when you want to perform validation that considers the value of more than one child\n * control.\n * /\n * * The two types of validators are passed in separately as the second and third arg\n * respectively, or together as part of an options object.\n * /\n * * ``\n * * const arr = new FormArray([\n * * new FormControl('Nancy'),\n * * new FormControl('Drew')\n * *], {validators: myValidator, asyncValidators: myAsyncValidator});\n * * /\n * * /\n * * ### Set the updateOn property for all controls in a form array\n * /\n * * The options object is used to set a default value for each child\n * control's `updateOn` property. If you set `updateOn` to `blur` at the\n * array level, all child controls

```

default to 'blur', unless the child has explicitly specified a different `updateOn` value.

```

const arr = new FormArray([new FormControl(), {updateOn: 'blur'}]);

```

### Adding or removing controls from a form array

To change the controls in the array, use the `push`, `insert`, `removeAt` or `clear` methods in `FormArray` itself. These methods ensure the controls are properly tracked in the form's hierarchy. Do not modify the array of `AbstractControl`s used to instantiate the `FormArray` directly, as that result in strange and unexpected behavior such as broken change detection.

```

@publicApi
export class FormArray extends AbstractControl {
 /**
 * Creates a new `FormArray` instance.
 * @param controls An array of child controls. Each child control is given an index where it is registered.
 * @param validatorOrOpts A synchronous validator function, or an array of such functions, or an `AbstractControlOptions` object that contains validation functions and a validation trigger.
 * @param asyncValidator A single async validator or array of async validator functions
 */
 constructor(
 public controls: AbstractControl[],
 validatorOrOpts?: ValidatorFn | ValidatorFn[] | AbstractControlOptions | null,
 asyncValidator?: AsyncValidatorFn | AsyncValidatorFn[] | null
) {
 super(
 coerceToValidator(validatorOrOpts),
 coerceToAsyncValidator(asyncValidator, validatorOrOpts));
 this._initObservables();
 this._setUpdateStrategy(validatorOrOpts);
 this._setUpControls();
 this.updateValueAndValidity({onlySelf: true, emitEvent: false});
 }

 /**
 * Get the `AbstractControl` at the given `index` in the array.
 * @param index Index in the array to retrieve the control
 */
 at(index: number): AbstractControl {
 return this.controls[index];
 }

 /**
 * Insert a new `AbstractControl` at the end of the array.
 * @param control Form control to be inserted
 */
 push(control: AbstractControl): void {
 this.controls.push(control);
 this._registerControl(control);
 this.updateValueAndValidity();
 }

 /**
 * Insert a new `AbstractControl` at the given `index` in the array.
 * @param index Index in the array to insert the control
 * @param control Form control to be inserted
 */
 insert(index: number, control: AbstractControl): void {
 this.controls.splice(index, 0, control);
 this._registerControl(control);
 this.updateValueAndValidity();
 }

 /**
 * Remove the control at the given `index` in the array.
 * @param index Index in the array to remove the control
 */
 removeAt(index: number): void {
 if (this.controls[index]) this.controls[index]._registerOnCollectionChange(() => {});
 this.controls.splice(index, 1);
 this.updateValueAndValidity();
 }

 /**
 * Replace an existing control.
 * @param index Index in the array to replace the control
 * @param control The `AbstractControl` control to replace the existing control
 */
 setControl(index: number, control: AbstractControl): void {
 if (this.controls[index]) this.controls[index]._registerOnCollectionChange(() => {});
 this.controls.splice(index, 1);
 if (control) {
 this.controls.splice(index, 0, control);
 this._registerControl(control);
 }
 this.updateValueAndValidity();
 this._onCollectionChange();
 }

 /**
 * Length of the control array.
 */
 get length(): number {
 return this.controls.length;
 }

 /**
 * Sets the value of the `FormArray`. It accepts an array that matches the structure of the control.
 * This method performs strict checks, and throws an error if you try to set the value of a control that doesn't exist or if you exclude the value of a control.
 * @usageNotes
 * ### Set the values for the controls in the form array
 *
 * const arr = new FormArray([new FormControl(), new FormControl()]);
 * console.log(arr.value); // [null, null]
 * arr.setValue(['Nancy', 'Drew']);
 * console.log(arr.value); // ['Nancy', 'Drew']
 *
 * @param value Array of values for the controls
 * @param options Configure options that determine how the control propagates changes and emits events after the value changes
 *
 * `onlySelf`: When true, each change only affects this control, and not its parent. Default is false.
 *
 * `emitEvent`: When true or not supplied (the default), both the `statusChanges` and `valueChanges` observables emit events with the latest status and value when the control value is updated. When false, no events are emitted.
 *
 * The configuration options are passed to the {@link AbstractControl#updateValueAndValidity} method.
 */
 setValue(value: any[], options: {onlySelf?: boolean, emitEvent?: boolean} = {}): void {
 this._checkAllValuesPresent(value);
 value.forEach((newValue, index) => {
 this._throwIfControlMissing(index);
 this.at(index).setValue(newValue, {onlySelf: true, emitEvent: options.emitEvent});
 });
 this.updateValueAndValidity(options);
 }

 /**
 * Patches the value of the

```



```

`FormArray`. It accepts an array that matches the
 * structure of the control, and does its best to match the values
to the correct
 * controls in the group.
 * It accepts both super-sets and sub-sets of the array without
throwing an error.
 * @usageNotes
 * ### Patch the values for controls in a form array
 * ```
const arr = new FormArray([
 * new FormControl(),
 * new FormControl()
]);
 * console.log(arr.value); // [null, null]
 * arr.patchValue(['Nancy']);
 * console.log(arr.value); // ['Nancy',
null]
 * ```
 * @param value Array of latest values for the controls
 * @param options Configure
options that determine how the control propagates changes and
 * emits events after the value changes
 * `onlySelf`: When true, each change only affects this control, and not its parent. Default
 * is false.
 * `emitEvent`: When true or not supplied (the default), both the `statusChanges` and
 * `valueChanges`
 * observables emit events with the latest status and value when the control value is updated.
 * When false, no
events are emitted.
 * The configuration options are passed to the {@link
AbstractControl#updateValueAndValidity
 * updateValueAndValidity} method.
 * ^
 * patchValue(value:
any[], options: {onlySelf?: boolean, emitEvent?: boolean} = {}): void {
 * value.forEach((newValue: any, index:
number) => {
 * if (this.at(index)) {
 * this.at(index).patchValue(newValue, {onlySelf: true, emitEvent:
options.emitEvent});
 * }
 * });
 * this.updateValueAndValidity(options);
 * }
 * }
 * Resets the
`FormArray` and all descendants are marked `pristine` and `untouched`, and the
 * value of all descendants to null
or null maps.
 * You reset to a specific form state by passing in an array of states
 * that matches the
structure of the control. The state is a standalone value
 * or a form state object with both a value and a disabled
status.
 * @usageNotes
 * ### Reset the values in a form array
 * ```
const arr = new
FormArray([
 * new FormControl(),
 * new FormControl()
]);
 * arr.reset(['name', 'last name']);
 * console.log(this.arr.value); // ['name', 'last name']
 * ```
 * ### Reset the values in a form array and
the disabled status for the first control
 * ```
this.arr.reset([
 * {value: 'name', disabled: true},
 * 'last'
]);
 * console.log(this.arr.value); // ['name', 'last name']
 * console.log(this.arr.get(0).status); //
'DISABLED'
 * ```
 * @param value Array of values for the controls
 * @param options Configure
options that determine how the control propagates changes and
 * emits events after the value changes
 * `onlySelf`: When true, each change only affects this control, and not its parent. Default
 * is false.
 * `emitEvent`: When true or not supplied (the default), both the `statusChanges` and
 * `valueChanges`
 * observables emit events with the latest status and value when the control is reset.
 * When false, no events are
emitted.
 * The configuration options are passed to the {@link AbstractControl#updateValueAndValidity
 * updateValueAndValidity} method.
 * ^
 * reset(value: any = [], options: {onlySelf?: boolean, emitEvent?:
boolean} = {}): void {
 * this._forEachChild((control: AbstractControl, index: number) => {
 * control.reset(value[index], {onlySelf: true, emitEvent: options.emitEvent});
 * });
 * this._updatePristine(options);
 * this._updateTouched(options);
 * this.updateValueAndValidity(options);
 * }
 * }
 * The aggregate value of the array, including any disabled controls.
 * Reports all values regardless of
disabled status.
 * For enabled controls only, the `value` property is the best way to get the value of the array.
 * ^
 * getRawValue(): any[] {
 * return this.controls.map((control: AbstractControl) => {
 * return control
instanceof FormControl ? control.value : (<any>control).getRawValue();
 * });
 * }
 * }
 * Remove all
controls in the `FormArray`.
 * @usageNotes
 * ### Remove all elements from a FormArray
 * ```
const arr = new FormArray([
 * new FormControl(),
 * new FormControl()
]);
 * console.log(arr.length); // 2
 * arr.clear();
 * console.log(arr.length); // 0
 * ```
 * It's a simpler
and more efficient alternative to removing all elements one by one:
 * ```
const arr = new
FormArray([
 * new FormControl(),
 * new FormControl()
]);
 * while (arr.length) {
 * arr.removeAt(0);
 * }
 * ^
 * clear(): void {
 * if (this.controls.length < 1) return;
 * this._forEachChild((control: AbstractControl) => control._registerOnCollectionChange(() => {}));
 * this.controls.splice(0);
 * this.updateValueAndValidity();
 * }
 * }
 * @internal
 * ^
 * _syncPendingControls():
boolean {
 * let subtreeUpdated = this.controls.reduce((updated: boolean, child: AbstractControl) => {
 * return
child._syncPendingControls() ? true : updated;
 * }, false);
 * if (subtreeUpdated)
 * this.updateValueAndValidity({onlySelf: true});
 * return subtreeUpdated;
 * }
 * }
 * @internal
 * ^

```

```

_throwIfControlMissing(index: number): void {\n if (!this.controls.length) {\n throw new Error(`\n There
are no form controls registered with this array yet. If you're using ngModel,\n you may want to check next tick
(e.g. use setTimeout).\n `);\n }\n if (!this.at(index)) {\n throw new Error(`Cannot find form control at
index ${index}`);\n }\n}\n\n/** @internal */\n_forEachChild(cb: Function): void {\n
this.controls.forEach((control: AbstractControl, index: number) => { cb(control, index); });\n}\n\n/** @internal
*/\n_updateValue(): void {\n (this as {value: any}).value =\n this.controls.filter((control) => control.enabled
|| this.disabled)\n .map((control) => control.value);\n}\n\n/** @internal */\n_anyControls(condition:
Function): boolean {\n return this.controls.some((control: AbstractControl) => control.enabled &&
condition(control));\n}\n\n/** @internal */\n_setupControls(): void {\n this._forEachChild((control:
AbstractControl) => this._registerControl(control));\n}\n\n/** @internal */\n_checkAllValuesPresent(value:
any): void {\n this._forEachChild((control: AbstractControl, i: number) => {\n if (value[i] === undefined) {\n
 throw new Error(`Must supply a value for form control at index: ${i}.`);\n }\n });\n}\n\n/** @internal */\n
_allControlsDisabled(): boolean {\n for (const control of this.controls) {\n if (control.enabled) return false;\n
 }\n return this.controls.length > 0 || this.disabled;\n}\n\nprivate _registerControl(control: AbstractControl) {\n
control.setParent(this);\n control._registerOnCollectionChange(this._onCollectionChange);\n}\n}\n\n", "/*\n *
@license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport {AfterViewInit,
Directive, EventEmitter, Inject, Input, Optional, Self, forwardRef} from '@angular/core';\n\nimport
{AbstractControl, FormControl, FormGroup, FormHooks} from './model';\nimport {NG_ASYNC_VALIDATORS,
NG_VALIDATORS} from './validators';\nimport {ControlContainer} from './control_container';\nimport {Form}
from './form_interface';\nimport {NgControl} from './ng_control';\nimport {NgModel} from './ng_model';\nimport
{NgModelGroup} from './ng_model_group';\nimport {composeAsyncValidators, composeValidators, removeDir,
setUpControl, setUpFormContainer, syncPendingControls} from './shared';\n\nexport const formDirectiveProvider:
any = {\n provide: ControlContainer,\n useExisting: forwardRef(() => NgForm)\n};\n\nconst resolvedPromise = ((
=> Promise.resolve(null)));\n\n/**\n * @description\n * Creates a top-level `FormGroup` instance and binds it to a
form\n * to track aggregate form value and validation status.\n * As soon as you import the `FormsModule`, this
directive becomes active by default on\n * all `` tags. You don't need to add a special selector.\n * You
optionally export the directive into a local template variable using `ngForm` as the key\n * (ex:
`#myForm="ngForm"`). This is optional, but useful. Many properties from the underlying\n * `FormGroup`
instance are duplicated on the directive itself, so a reference to it\n * gives you access to the aggregate value and
validity status of the form, as well as\n * user interaction properties like `dirty` and `touched`.\n * To register
child controls with the form, use `NgModel` with a `name`\n * attribute. You may use `NgModelGroup` to create
sub-groups within the form.\n * If necessary, listen to the directive's `ngSubmit` event to be notified when the
user has\n * triggered a form submission. The `ngSubmit` event emits the original form\n * submission event.\n *
In template driven forms, all `` tags are automatically tagged as `NgForm`.\n * To import the
`FormsModule` but skip its usage in some forms,\n * for example, to use native HTML5 validation, add the
`ngNoForm` and the ``\n * tags won't create an `NgForm` directive. In reactive forms, using `ngNoForm`
is\n * unnecessary because the `` tags are inert. In that case, you would\n * refrain from using the
`formGroup` directive.\n * @usageNotes\n * ### Listening for form submission\n * The following
example shows how to capture the form values from the `ngSubmit` event.\n * @example
forms/ts/simpleForm/simple_form_example.ts region='Component'\n * ### Setting the update options\n * The following
example shows you how to change the `updateOn`\n * option from its default using\n * ngFormOptions.\n * ```html\n * <form [ngFormOptions]="{updateOn: 'blur'}">\n * <input name="one"\n
ngModel> <!-- this ngModel will update on blur -->\n * </form>\n * ```\n * ### Native DOM validation UI\n *
In order to prevent the native DOM form validation UI from interfering with Angular's form\n * validation,
Angular automatically adds the `novalidate` attribute on any `` whenever\n * `FormModule` or
`ReactiveFormModule` are imported into the application.\n * If you want to explicitly enable native DOM
validation UI with Angular forms, you can add the\n * `ngNativeValidate` attribute to the `` element:\n *

```

```

`html` * <form ngNativeValidate> * ... * </form> * `` * @ngModule FormsModule *
@publicApi * @Directive({ selector: 'form:not([ngNoForm]):not([formGroup]),ng-form,[ngForm]',
providers: [formDirectiveProvider], host: {'(submit)': 'onSubmit($event)', '(reset)': 'onReset()' },
outputs: ['ngSubmit'], exportAs: 'ngForm'}) * export class NgForm extends ControlContainer implements Form,
AfterViewInit { /** * @description * Returns whether the form submission has been triggered. */
public readonly submitted: boolean = false;
private _directives: NgModel[] = []; /** * @description * The `FormGroup` instance created for this form. */
form: FormGroup; /** * @description * Event emitter for the `ngSubmit` event */
ngSubmit = new EventEmitter(); /** * @description * Tracks options for the `NgForm` instance. */
updateOn: UpdateOn = 'change'; /** * @description * Sets the default `updateOn` value for all child `NgModels` below it unless explicitly set by a child `NgModel` using `ngModelOptions`. Defaults to `change`. Possible values: `change` | `blur` | `submit`. */
// TODO(issue/24571): remove '!'.
@Inject('ngFormOptions') options!: {updateOn?: FormHooks};
constructor(@Optional() @Self() @Inject(NG_VALIDATORS) validators: any[],
@Optional() @Self() @Inject(NG_ASYNC_VALIDATORS) asyncValidators: any[]) {
super();
this.form = new FormGroup({}, composeValidators(validators),
composeAsyncValidators(asyncValidators));
}
/** * @description * Lifecycle method called after the view is initialized. For internal use only. */
ngAfterViewInit() { this._setUpdateStrategy(); }
/** * @description * The directive instance. */
get formDirective(): Form { return this; }
/** * @description * The internal `FormGroup` instance. */
get control(): FormGroup { return this.form; }
/** * @description * Returns an array representing the path to this group. Because this directive always lives at the top level of a form, it is always an empty array. */
get path(): string[] { return []; }
/** * @description * Returns a map of the controls in this group. */
get controls(): { [key: string]: AbstractControl } { return this.form.controls; }
/** * @description * Method that sets up the control directive in this group, re-calculates its value and validity, and adds the instance to the internal list of directives. */
@param dir The `NgModel` directive instance.
addControl(dir: NgModel): void {
resolvedPromise.then(() => {
const container = this._findContainer(dir.path);
dir as {control: FormControl}).control = <FormControl>container.registerControl(dir.name, dir.control);
setUpControl(dir.control, dir);
dir.control.updateValueAndValidity({emitEvent: false});
this._directives.push(dir);
});
}
/** * @description * Retrieves the `FormControl` instance from the provided `NgModel` directive. */
@param dir The `NgModel` directive instance.
getControl(dir: NgModel): FormControl { return <FormControl>this.form.get(dir.path); }
/** * @description * Removes the `NgModel` instance from the internal list of directives. */
@param dir The `NgModel` directive instance.
removeControl(dir: NgModel): void {
resolvedPromise.then(() => {
const container = this._findContainer(dir.path);
if (container) {
container.removeControl(dir.name);
}
removeDir<NgModel>(this._directives, dir);
});
}
/** * @description * Adds a new `NgModelGroup` directive instance to the form. */
@param dir The `NgModelGroup` directive instance.
addFormGroup(dir: NgModelGroup): void {
resolvedPromise.then(() => {
const container = this._findContainer(dir.path);
const group = new FormGroup({});
setUpFormContainer(group, dir);
container.registerControl(dir.name, group);
group.updateValueAndValidity({emitEvent: false});
});
}
/** * @description * Removes the `NgModelGroup` directive instance from the form. */
@param dir The `NgModelGroup` directive instance.
removeFormGroup(dir: NgModelGroup): void {
resolvedPromise.then(() => {
const container = this._findContainer(dir.path);
if (container) {
container.removeControl(dir.name);
}
});
}
/** * @description * Retrieves the `FormGroup` for a provided `NgModelGroup` directive instance. */
@param dir The `NgModelGroup` directive instance.
getFormGroup(dir: NgModelGroup): FormGroup { return <FormGroup>this.form.get(dir.path); }
/** * @description * Sets the new value for the provided `NgControl` directive. */
@param dir The `NgControl` directive instance.
@param value The new value for the directive's control.
updateModel(dir: NgControl, value: any): void {
resolvedPromise.then(() => {
const ctrl = <FormControl>this.form.get(dir.path!);
ctrl.setValue(value);
});
}
/** * @description * Sets the value for this `FormGroup`. */
}

```

```

@param value The new value\n *^n setValue(value: {[key: string]: any}): void { this.control.setValue(value);
}\n\n /**\n * @description\n * Method called when the \"submit\" event is triggered on the form.\n * Triggers
the `ngSubmit` emitter to emit the \"submit\" event as its payload.\n *\n * @param $event The \"submit\" event
object\n *\n onSubmit($event: Event): boolean {\n (this as{submitted: boolean}).submitted = true;\n
syncPendingControls(this.form, this._directives);\n this.ngSubmit.emit($event);\n return false;\n }\n\n /**\n *
 @description\n * Method called when the \"reset\" event is triggered on the form.\n *^n onReset(): void {
this.resetForm(); }\n\n /**\n * @description\n * Resets the form to an initial value and resets its submitted
status.\n *\n * @param value The new value for the form.\n *^n resetForm(value: any = undefined): void {\n
this.form.reset(value);\n (this as{submitted: boolean}).submitted = false;\n }\n\n private _setUpdateStrategy() {\n
if (this.options && this.options.updateOn != null) {\n this.form._updateOn = this.options.updateOn;\n }\n
}\n\n /** @internal *^n _findContainer(path: string[]): FormGroup {\n path.pop();\n return path.length ?
<FormGroup>this.form.get(path) : this.form;\n }\n}\n\n",/**\n * @license\n * Copyright Google Inc. All Rights
Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n *^n\nimport { OnDestroy, OnInit } from '@angular/core';\n\nimport
{ FormGroup } from './model';\n\nimport { ControlContainer } from './control_container';\n\nimport { Form } from
'./form_interface';\n\nimport { composeAsyncValidators, composeValidators, controlPath } from './shared';\n\nimport
{ AsyncValidatorFn, ValidatorFn } from './validators';\n\n\n\n/**\n * @description\n * A base class for code shared
between the `NgModelGroup` and `FormGroupName` directives.\n *\n * @publicApi\n *^n\nexport class
AbstractFormGroupDirective extends ControlContainer implements OnInit, OnDestroy {\n /**\n * @description\n
* The parent control for the group\n *\n * @internal\n *^n // TODO(issue/24571): remove '!.\n _parent !:
ControlContainer;\n /**\n * @description\n * An array of synchronous validators for the group\n *\n *
 @internal\n *^n // TODO(issue/24571): remove '!.\n _validators !: any[];\n\n /**\n * @description\n * An
array of async validators for the group\n *\n * @internal\n *^n // TODO(issue/24571): remove '!.\n
_asyncValidators !: any[];\n\n /**\n * @description\n * An internal callback method triggered on the instance
after the inputs are set.\n * Registers the group with its parent group.\n *^n ngOnInit(): void {\n
this._checkParentType();\n this.formDirective!.addGroup(this);\n }\n\n /**\n * @description\n * An
internal callback method triggered before the instance is destroyed.\n * Removes the group from its parent group.\n
*^n ngOnDestroy(): void {\n if (this.formDirective) {\n this.formDirective.removeFormGroup(this);\n }\n
}\n\n /**\n * @description\n * The `FormGroup` bound to this directive.\n *^n get control(): FormGroup {\n
return this.formDirective!.getFormGroup(this); }\n\n /**\n * @description\n * The path to this group from the
top-level directive.\n *^n get path(): string[] {\n return controlPath(this.name == null ? this.name :
this.name.toString(), this._parent);\n }\n\n /**\n * @description\n * The top-level directive for this group if
present, otherwise null.\n *^n get formDirective(): Form|null {\n return this._parent ? this._parent.formDirective :
null; }\n\n /**\n * @description\n * The synchronous validators registered with this group.\n *^n get
validator(): ValidatorFn|null {\n return composeValidators(this._validators); }\n\n /**\n * @description\n * The
async validators registered with this group.\n *^n get asyncValidator(): AsyncValidatorFn|null {\n return
composeAsyncValidators(this._asyncValidators);\n }\n\n /** @internal *^n _checkParentType(): void
{ }\n}\n\n",/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is
governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n
*^n\nimport { FormErrorExamples as Examples } from './error_examples';\n\n\nexport class TemplateDrivenErrors {\n
static modelParentException(): void {\n throw new Error(`\n ngModel cannot be used to register form controls
with a parent formGroup directive. Try using\n formGroup's partner directive \"formControlName\" instead.
Example:\n\n ${Examples.formControlName}\n\n Or, if you'd like to avoid registering this form control,
indicate that it's standalone in ngModelOptions:\n\n Example:\n\n
${Examples.ngModelWithFormGroup}`);\n }\n\n static formGroupNameException(): void {\n throw new
Error(`\n ngModel cannot be used to register form controls with a parent formGroupName or formArrayName
directive.\n\n Option 1: Use formControlName instead of ngModel (reactive strategy):\n\n
${Examples.formGroupName}\n\n Option 2: Update ngModel's parent be ngModelGroup (template-driven

```

```

strategy):\n\n ${Examples.ngModelGroup}');\n }\n\n static missingNameException() {\n throw new Error(\n `If ngModel is used within a form tag, either the name attribute must be set or the form\n control must be defined as 'standalone' in ngModelOptions.\n\n Example 1: <input [(ngModel)]="person.firstName"\n name="first">\n Example 2: <input [(ngModel)]="person.firstName" [ngModelOptions]="{standalone:\n true}">);\n }\n\n static modelGroupParentException() {\n throw new Error(`\n ngModelGroup cannot be\n used with a parent formGroup directive.\n\n Option 1: Use formGroupName instead of ngModelGroup (reactive\n strategy):\n\n ${Examples.formGroupName}\n\n Option 2: Use a regular form tag instead of the formGroup\n directive (template-driven strategy):\n\n ${Examples.ngModelGroup}');\n }\n}\n\n",/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that\n * can be\n * found in the LICENSE file at https://angular.io/license\n */\nimport {Directive, Host, Inject, Input,\n OnDestroy, OnInit, Optional, Self, SkipSelf, forwardRef} from '@angular/core';\nimport\n {NG_ASYNC_VALIDATORS, NG_VALIDATORS} from './validators';\nimport\n {AbstractFormGroupDirective} from './abstract_form_group_directive';\nimport {ControlContainer} from\n './control_container';\nimport {NgForm} from './ng_form';\nimport {TemplateDrivenErrors} from\n './template_driven_errors';\n\nexport const modelGroupProvider: any = {\n provide: ControlContainer,\n useExisting: forwardRef(() => NgModelGroup)});\n\n/**\n * @description\n * Creates and binds a `FormGroup`\n * instance to a DOM element.\n *\n * This directive can only be used as a child of `NgForm` (within `` tags).\n *\n * Use this directive to validate a sub-group of your form separately from the\n * rest of your form, or if some\n * values in your domain model make more sense\n * to consume together in a nested object.\n *\n * Provide a name\n * for the sub-group and it will become the key\n * for the sub-group in the form's full value. If you need direct access,\n * export the directive into\n * a local template variable using `ngModelGroup` (ex:\n * `#myGroup="ngModelGroup")`.\n *\n * @usageNotes\n *\n * ### Consuming controls in a grouping\n *\n * The\n * following example shows you how to combine controls together in a sub-group\n * of the form.\n *\n * @example\n * forms/ts/ngModelGroup/ng_model_group_example.ts\n * region='Component'\n *\n * @ngModule FormsModule\n *\n * @publicApi\n *\n * @Directive({selector: '[ngModelGroup]', providers: [modelGroupProvider], exportAs:\n * 'ngModelGroup'})\n * export class NgModelGroup extends AbstractFormGroupDirective implements OnInit,\n * OnDestroy {\n * /**\n * * @description\n * * Tracks the name of the `NgModelGroup` bound to the directive. The\n * * name corresponds\n * * to a key in the parent `NgForm`.\n * */\n * // TODO(issue/24571): remove '!'\n * @Input('ngModelGroup') name!: string;\n * constructor(\n * @Host() @SkipSelf() parent: ControlContainer,\n * @Optional() @Self() @Inject(NG_VALIDATORS) validators: any[],\n * @Optional() @Self()\n * @Inject(NG_ASYNC_VALIDATORS) asyncValidators: any[]) {\n * super();\n * this._parent = parent;\n * this._validators = validators;\n * this._asyncValidators = asyncValidators;\n * }\n * /** @internal */\n * _checkParentType(): void {\n * if (!(this._parent instanceof NgModelGroup) && !(this._parent instanceof\n * NgForm)) {\n * TemplateDrivenErrors.modelGroupParentException();\n * }\n * }\n * }\n\n",/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that\n * can be\n * found in the LICENSE file at https://angular.io/license\n */\nimport {Directive, EventEmitter, Host,\n Inject, Input, OnChanges, OnDestroy, Optional, Output, Self, SimpleChanges, forwardRef} from\n '@angular/core';\nimport {FormControl, FormHooks} from './model';\nimport {NG_ASYNC_VALIDATORS,\n NG_VALIDATORS} from './validators';\nimport {AbstractFormGroupDirective} from\n './abstract_form_group_directive';\nimport {ControlContainer} from './control_container';\nimport\n {ControlValueAccessor, NG_VALUE_ACCESSOR} from './control_value_accessor';\nimport {NgControl} from\n './ng_control';\nimport {NgForm} from './ng_form';\nimport {NgModelGroup} from './ng_model_group';\nimport\n {composeAsyncValidators, composeValidators, controlPath, isPropertyUpdated, selectValueAccessor,\n setUpControl} from './shared';\nimport {TemplateDrivenErrors} from './template_driven_errors';\nimport\n {AsyncValidator, AsyncValidatorFn, Validator, ValidatorFn} from './validators';\n\nexport const\n formControlBinding: any = {\n provide: NgControl,\n useExisting: forwardRef(() => NgModelGroup)});\n\n/**\n * @description\n * `ngModel` forces an additional change detection run when its inputs change.\n * E.g.: `<input [(ngModel)]="myValue" #myModel="ngModel">`.\n *\n * I.e.\n * <div>{{ myModel.valid }}</div>\n * <input [(ngModel)]="myValue" #myModel="ngModel">\n * `</div>`.\n *

```

`ngModel`` can export itself on the element and then be used in the template. Normally, this would result in expressions before the `input`` that use the exported directive to have and old value as they have been dirty checked before. As this is a very common case for `ngModel``, we added this second change detection run.

Notes:

- this is just one extra run no matter how many `ngModel`` have been changed.
- this is a general problem when using `exportAs`` for directives!

```

const resolvedPromise = () =>
 Promise.resolve(null)();

```

`@description`` Creates a `FormControl`` instance from a domain model and binds it to a form control element. The `FormControl`` instance tracks the value, user interaction, and validation status of the control and keeps the view synced with the model. If used within a parent form, the directive also registers itself with the form as a child control. This directive is used by itself or as part of a larger form. Use the `ngModel`` selector to activate it. It accepts a domain model as an optional `Input``. If you have a one-way binding with `[]`` syntax, changing the value of the domain model in the component class sets the value in the view. If you have a two-way binding with `()[`` syntax (also known as 'banana-box syntax'), the value in the UI always syncs back to the domain model in your class.

To inspect the properties of the associated `FormControl`` (like validity state), export the directive into a local template variable using `ngModel`` as the key (ex: `#myVar="ngModel"`). You then access the control using the directive's `control`` property, but most properties used (like `valid`` and `dirty``) fall through to the control anyway for direct access. See a full list of properties directly available in `AbstractControlDirective``.

@see `RadioControlValueAccessor`` @see `SelectControlValueAccessor`` @usageNotes

### Using ngModel on a standalone control

The following examples show a simple standalone control using `ngModel``:

```

{@example forms/ts/simpleNgModel/simple_ng_model_example.ts region='Component'}

```

When using the `ngModel`` within `<form>` tags, you'll also need to supply a `name`` attribute so that the control can be registered with the parent form under that name. In the context of a parent form, it's often unnecessary to include one-way or two-way binding, as the parent form syncs the value for you. You access its properties by exporting it into a local template variable using `ngForm`` such as (`#f="ngForm"`). Use the variable where needed on form submission.

If you do need to populate initial values into your form, using a one-way binding for `ngModel`` tends to be sufficient as long as you use the exported form's value rather than the domain model's value on submit.

### Using ngModel within a form

The following example shows controls using `ngModel`` within a form:

```

{@example forms/ts/simpleForm/simple_form_example.ts region='Component'}

```

### Using a standalone ngModel within a group

The following example shows you how to use a standalone `ngModel`` control within a form. This controls the display of the form, but doesn't contain form data.

```

<html>
<form>
 <input name="login" ngModel placeholder="Login">
 <input type="checkbox" ngModel
[ngModelOptions]="{standalone: true}"> Show more options?
</form>
<!-- form value: {login: } -->
</html>

```

### Setting the ngModel name attribute through options

The following example shows you an alternate way to set the name attribute. The name attribute is used within a custom form component, and the name `@Input`` property serves a different purpose.

```

<html>
<form>
 <my-person-control name="Nancy" ngModel [ngModelOptions]="{name: 'user'}">
</my-person-control>
</form>
<!-- form value: {user: } -->

```

@ngModule `FormsModule`` @publicApi

@Directive({
 selector: '[ngModel]:not([formControlName]):not([formControl])',
 providers: [formControlBinding],
 exportAs: 'ngModel'})
export class NgModel extends NgControl implements OnChanges, OnDestroy {
 public readonly control: FormControl = new FormControl();
 // At runtime we coerce arbitrary values assigned to the
 // "disabled" input to a "boolean".
 // This is not reflected in the type of the property because outside of templates,
 consumers // should only deal with booleans. In templates, a string is allowed for convenience and to
 // match the native "disabled attribute" semantics which can be observed on input elements.
 // This static member tells the compiler that values of type "string" can also be assigned
 // to the input in a template.
 /\*\* @nodoc \*/
 static ngAcceptInputType\_isDisabled: boolean|string;
 /\*\* @internal \*/
 \_registered = false;
 /\*\*
 \* @description Internal reference to the view model value.
 \*/
 viewModel: any;
 /\*\*
 \* @description Tracks the name bound to the directive. The parent form uses this name as a key to retrieve

```

this control's value.\n *^n // TODO(issue/24571): remove '!.\n @Input() name !: string;\n\n /**\n *
 * @description\n * Tracks whether the control is disabled.\n *^n // TODO(issue/24571): remove '!.\n
 * @Input('disabled') isDisabled !: boolean;\n\n /**\n * @description\n * Tracks the value bound to this directive.\n
 *^n @Input('ngModel') model: any;\n\n /**\n * @description\n * Tracks the configuration options for this
`ngModel` instance.\n *^n * **name***: An alternative to setting the name attribute on the form control element.
See\n * the [example](api/forms/NgModel#using-ngmodel-on-a-standalone-control) for using `NgModel`\n * as a
standalone control.\n *^n * **standalone***: When set to true, the `ngModel` will not register itself with its parent
form,\n * and acts as if it's not in the form. Defaults to false.\n *^n * **updateOn***: Defines the event upon
which the form control value and validity update.\n * Defaults to 'change'. Possible values: `change` | `blur` |
`submit`.\n *^n *^n // TODO(issue/24571): remove '!.\n @Input('ngModelOptions')\n options !: {name?:
string, standalone?: boolean, updateOn?: FormHooks};\n\n /**\n * @description\n * Event emitter for producing
the `ngModelChange` event after\n * the view model updates.\n *^n @Output('ngModelChange') update = new
EventEmitter();\n\n constructor(@Optional() @Host() parent: ControlContainer,\n @Optional() @Self()
@Inject(NG_VALIDATORS) validators: Array<Validator|ValidatorFn>,\n @Optional() @Self()
@Inject(NG_ASYNC_VALIDATORS) asyncValidators: Array<AsyncValidator|AsyncValidatorFn>,\n
@Optional() @Self() @Inject(NG_VALUE_ACCESSOR)\n valueAccessors: ControlValueAccessor[]) {\n
super();\n this._parent = parent;\n this._rawValidators = validators || [];\n
this._rawAsyncValidators = asyncValidators || [];\n this.valueAccessor = selectValueAccessor(this,
valueAccessors);\n }\n\n /**\n * @description\n * A lifecycle method called when
the directive's inputs change. For internal use\n * only.\n *^n * @param changes A object
of key/value pairs for the set of changed inputs.\n *^n ngOnChanges(changes: SimpleChanges) {\n
this._checkForErrors();\n if (!this._registered) this._setUpControl();\n if ('isDisabled' in
changes) {\n this._updateDisabled(changes);\n }\n if (isPropertyUpdated(changes,
this.viewModel)) {\n this._updateValue(this.model);\n this.viewModel = this.model;\n
}\n }\n\n /**\n * @description\n * Lifecycle method called before the directive's
instance is destroyed. For internal\n * use only.\n *^n ngOnDestroy(): void {\n
this.formDirective && this.formDirective.removeControl(this); }\n\n /**\n * @description\n
* Returns an array that represents the path from the top-level form to this control.\n * Each index is the
string name of the control on that level.\n *^n get path(): string[] {\n return this._parent ?
controlPath(this.name, this._parent) : [this.name]; }\n\n /**\n * @description\n *
The top-level directive for this control if present, otherwise null.\n *^n get formDirective(): any {\n
return this._parent ? this._parent.formDirective : null; }\n\n /**\n * @description\n *
Synchronous validator function composed of all the synchronous validators\n * registered with this
directive.\n *^n get validator(): ValidatorFn|null { return composeValidators(this._rawValidators);
}\n\n /**\n * @description\n * Async validator function composed of all the async
validators registered with this\n * directive.\n *^n get asyncValidator():
AsyncValidatorFn|null {\n return composeAsyncValidators(this._rawAsyncValidators);\n }\n\n
/**\n * @description\n * Sets the new value for the view model and emits an
`ngModelChange` event.\n *^n * @param newValue The new value emitted by
`ngModelChange`.\n *^n viewToModelUpdate(newValue: any): void {\n this.viewModel
= newValue;\n this.update.emit(newValue);\n }\n\n private _setUpControl(): void {\n
this._setUpdateStrategy();\n this._isStandalone() ? this._setUpStandalone() : \n
this.formDirective.addControl(this);\n this._registered = true;\n }\n\n private
_setUpdateStrategy(): void {\n if (this.options && this.options.updateOn != null) {\n
this.control._updateOn = this.options.updateOn;\n }\n }\n\n private _isStandalone():
boolean {\n return !this._parent || !(this.options && this.options.standalone);\n }\n\n
private _setUpStandalone(): void {\n setUpControl(this.control, this);\n
this.control.updateValueAndValidity({ emitEvent: false });\n }\n\n private _checkForErrors(): void

```

```

{\n if (!this._isStandalone()) {\n this._checkParentType();\n }\n this._checkName();\n }\n private _checkParentType(): void {\n if (!(this._parent\n instanceof NgModelGroup) &&\n this._parent instanceof AbstractFormGroupDirective) {\n TemplateDrivenErrors.formGroupNameException();\n } else if (\n !(this._parent instanceof\n NgModelGroup) && !(this._parent instanceof NgForm)) {\n TemplateDrivenErrors.modelParentException();\n }\n }\n private _checkName(): void\n {\n if (this.options && this.options.name) this.name = this.options.name;\n if\n (!this._isStandalone() && !this.name) {\n TemplateDrivenErrors.missingNameException();\n }\n }\n private _updateValue(value: any): void {\n resolvedPromise.then(\n () => {\n this.control.setValue(value, {emitViewToModelChange: false});\n }\n }\n private\n _updateDisabled(changes: SimpleChanges) {\n const disabledValue =\n changes['isDisabled'].currentValue;\n const isDisabled =\n disabledValue === " |\n (disabledValue && disabledValue !== 'false');\n resolvedPromise.then()\n => {\n if (isDisabled\n && !this.control.disabled) {\n this.control.disable();\n } else if (!isDisabled &&\n this.control.disabled) {\n this.control.enable();\n }\n }\n }\n }"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-\n * style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\nimport {Directive} from\n '@angular/core';\n /**\n * @description\n * Adds `novalidate` attribute to all forms by default.\n * `novalidate`\n * is used to disable browser's native form validation.\n * If you want to use native validation with\n * Angular forms, just add `ngNativeValidate` attribute:\n * <form ngNativeValidate></form>\n * \n * @publicApi\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n */\n@Directive({\n selector: 'form:not([ngNoForm]):not([ngNativeValidate])',\n host: {\n novalidate: ''\n },\n })\nexport class\n ÉµNgNoValidate {\n }\nexport {ÉµNgNoValidate as NgNoValidate};\n"/**\n * @license\n * Copyright Google\n * Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found\n * in the LICENSE file at https://angular.io/license\n */\nimport {Directive, EventEmitter, Inject, InjectionToken,\n Input, OnChanges, Optional, Output, Self, SimpleChanges, forwardRef} from '@angular/core';\n import\n {FormControl} from '../model';\n import {NG_ASYNC_VALIDATORS, NG_VALIDATORS} from\n '../validators';\n import {ControlValueAccessor, NG_VALUE_ACCESSOR} from\n '../control_value_accessor';\n import {NgControl} from '../ng_control';\n import {ReactiveErrors} from\n '../reactive_errors';\n import {_ngModelWarning, composeAsyncValidators, composeValidators, isPropertyUpdated,\n selectValueAccessor, setUpControl} from '../shared';\n import {AsyncValidator, AsyncValidatorFn, Validator,\n ValidatorFn} from '../validators';\n /**\n * Token to provide to turn off the ngModel warning on FormControl and\n * FormControlName.\n */\nexport const NG_MODEL_WITH_FORM_CONTROL_WARNING =\n new\n InjectionToken('NgModelWithFormControlWarning');\n export const formControlBinding: any = {\n provide:\n NgControl,\n useExisting: forwardRef(() => FormControlDirective);\n };\n /**\n * @description\n * Syncs a\n * standalone `FormControl` instance to a form control element.\n * @see [Reactive Forms Guide](guide/reactive-forms)\n * @see `FormControl`\n * @see `AbstractControl`\n * @usageNotes\n * ### Registering a single\n * form control\n * The following examples shows how to register a standalone control and set its value.\n * \n * @example forms/ts/simpleFormControl/simple_form_control_example.ts\n * region='Component'\n * \n * ### Use\n * with ngModel\n * Support for using the `ngModel` input property and `ngModelChange` event with reactive\n * form directives has been deprecated in Angular v6 and will be removed in a future version\n * of Angular.\n * \n * Now deprecated:\n * <input [formControl]="control" [(ngModel)]="value">\n * \n * \n * \n * this.value = 'some value';\n * \n * This has been deprecated for a few reasons. First, developers have found\n * this pattern\n * confusing. It seems like the actual `ngModel` directive is being used, but in fact it's\n * an\n * input/output property named `ngModel` on the reactive form directive that simply\n * approximates (some of) its\n * behavior. Specifically, it allows getting/setting the value\n * and intercepting value events. However, some of\n * `ngModel`'s other features - like\n * delaying updates with `ngModelOptions` or exporting the directive - simply\n * don't work,\n * which has understandably caused some confusion.\n * \n * In addition, this pattern mixes template-
```



driven and reactive forms strategies, which we generally don't recommend because it doesn't take advantage of the full benefits of either strategy. Setting the value in the template violates the template-agnostic principles behind reactive forms, whereas adding a `FormControl`/`FormGroup` layer in the class removes the convenience of defining forms in the template. To update your code before support is removed, you'll want to decide whether to stick with reactive form directives (and get/set values using reactive forms patterns) or switch over to template-driven directives.

After (choice 1 - use reactive forms):

```

<input [formControl]="control">
 this.control.setValue('some value');

```

After (choice 2 - use template-driven forms):

```

<input [(ngModel)]="value">
 this.value = 'some value';

```

By default, when you use this pattern, you will see a deprecation warning once in dev mode. You can choose to silence this warning by providing a config for `ReactiveFormsModule` at import time:

```

imports: [
 ReactiveFormsModule.withConfig({ warnOnNgModelWithFormControl: 'never' });
]

```

Alternatively, you can choose to surface a separate warning for each instance of this pattern with a config value of `"always"`. This may help to track down where in the code the pattern is being used as the code is being updated.

```

@NgModule({
 imports: [ReactiveFormsModule],
 exports: [
 @Directive({
 selector: '[formControl]',
 providers: [FormControlBinding],
 exportAs: 'ngForm'
 })
],
 declarations: [
 FormControlDirective
],
 providers: [
 {
 provide: NG_VALIDATORS,
 useExisting: FormControlDirective,
 multi: true
 },
 {
 provide: NG_VALUE_ACCESSORS,
 useExisting: FormControlDirective,
 multi: true
 }
]
})

```

`FormControlDirective` extends `NgControl` implements `OnChanges`

- `viewModel`: any
- Tracks the `FormControl` instance bound to the directive.
- `TODO(issue/24571): remove '!'`
- `@Input('formControl')` form!
- Triggers a warning that this input should not be used with reactive forms.
- `@Input('disabled')` set `isDisabled(isDisabled: boolean)`
- `ReactiveErrors.disabledAttrWarning()`
- `TODO(kara): remove next 4 properties once deprecation period is over`
- `@deprecated as of v6`
- `@Input('ngModel')` model: any
- `@deprecated as of v6`
- `@Output('ngModelChange')` update = new `EventEmitter()`
- Static property used to track whether any `ngModel` warnings have been sent across all instances of `FormControlDirective`. Used to support warning config of `"once"`
- `@internal`
- static `_ngModelWarningSentOnce = false`
- Instance property used to track whether an `ngModel` warning has been sent out for this particular `FormControlDirective` instance. Used to support warning config of `"always"`
- `@internal`
- `_ngModelWarningSent = false`
- constructor(`@Optional()` `@Self()` `@Inject(NG_VALIDATORS)` `validators: Array<Validator|ValidatorFn>`, `@Optional()` `@Self()` `@Inject(NG_ASYNC_VALIDATORS)` `asyncValidators: Array<AsyncValidator|AsyncValidatorFn>`, `@Optional()` `@Self()` `@Inject(NG_VALUE_ACCESSOR)` `valueAccessors: ControlValueAccessor[]`, `@Optional()` `@Inject(NG_MODEL_WITH_FORM_CONTROL_WARNING)` private `_ngModelWarningConfig: string|null`) {
- `super()`
- `this._rawValidators = validators || []`
- `this._rawAsyncValidators = asyncValidators || []`
- `this.valueAccessor = selectValueAccessor(this, valueAccessors)`
- A lifecycle method called when the directive's inputs change. For internal use only.
- `@param` changes A object of key/value pairs for the set of changed inputs.
- `ngOnChanges(changes: SimpleChanges): void` {
- if `(this._isControlChanged(changes))` {
- set `setUpControl(this.form, this)`
- if `(this.control.disabled && this.valueAccessor !.setDisabledState)` {
- set `this.valueAccessor !.setDisabledState !(true)`
- }
- set `this.form.updateValueAndValidity({emitEvent: false})`
- if `(isPropertyUpdated(changes, this.viewModel))` {
- set `_ngModelWarning(\n 'formControl',\n FormControlDirective, this, this._ngModelWarningConfig)`
- set `this.form.setValue(this.model)`
- set `this.viewModel = this.model`
- }
- }
- Each index is the string name of the control on that level.
- `get path(): string[]` { return []; }
- Synchronous validator function composed of all the synchronous validators registered with this directive.
- `get validator(): ValidatorFn|null` { return `composeValidators(this._rawValidators)` }
- Async validator



```

this.form.get(dir.path);\n setUpControl(ctrl, dir);\n ctrl.updateValueAndValidity({emitEvent: false});\n this.directives.push(dir);\n return ctrl;\n }\n\n /**\n * @description\n * Retrieves the `FormControl` instance from the provided `FormControlName` directive\n *\n * @param dir The `FormControlName` directive instance.\n */\n getControl(dir: FormControlName): FormControl { return <FormControl>this.form.get(dir.path); }\n\n /**\n * @description\n * Removes the `FormControlName` instance from the internal list of directives\n *\n * @param dir The `FormControlName` directive instance.\n */\n removeControl(dir: FormControlName): void { removeDir<FormControlName>(this.directives, dir); }\n\n /**\n * @description\n * Adds a new `FormGroupName` directive instance to the form.\n *\n * @param dir The `FormGroupName` directive instance.\n */\n addFormGroup(dir: FormGroupName): void {\n const ctrl: any = this.form.get(dir.path);\n setUpFormContainer(ctrl, dir);\n ctrl.updateValueAndValidity({emitEvent: false});\n }\n\n /**\n * @description\n * No-op method to remove the form group.\n *\n * @param dir The `FormGroupName` directive instance.\n */\n removeFormGroup(dir: FormGroupName): void {} }\n\n /**\n * @description\n * Retrieves the `FormGroup` for a provided `FormGroupName` directive instance\n *\n * @param dir The `FormGroupName` directive instance.\n */\n getFormGroup(dir: FormGroupName): FormGroup { return <FormGroup>this.form.get(dir.path); }\n\n /**\n * @description\n * Adds a new `FormArrayName` directive instance to the form.\n *\n * @param dir The `FormArrayName` directive instance.\n */\n addFormArray(dir: FormArrayName): void {\n const ctrl: any = this.form.get(dir.path);\n setUpFormContainer(ctrl, dir);\n ctrl.updateValueAndValidity({emitEvent: false});\n }\n\n /**\n * @description\n * No-op method to remove the form array.\n *\n * @param dir The `FormArrayName` directive instance.\n */\n removeFormArray(dir: FormArrayName): void {} }\n\n /**\n * @description\n * Retrieves the `FormArray` for a provided `FormArrayName` directive instance.\n *\n * @param dir The `FormArrayName` directive instance.\n */\n getFormArray(dir: FormArrayName): FormArray { return <FormArray>this.form.get(dir.path); }\n\n /**\n * @description\n * Sets the new value for the provided `FormControlName` directive.\n *\n * @param dir The `FormControlName` directive instance.\n * @param value The new value for the directive's control.\n */\n updateModel(dir: FormControlName, value: any): void {\n const ctrl = <FormControl>this.form.get(dir.path);\n ctrl.setValue(value);\n }\n\n /**\n * @description\n * Method called with the \"submit\" event is triggered on the form.\n * Triggers the `ngSubmit` emitter to emit the \"submit\" event as its payload.\n *\n * @param $event The \"submit\" event object\n */\n onSubmit($event: Event): boolean {\n (this as {submitted: boolean}).submitted = true;\n syncPendingControls(this.form, this.directives);\n this.ngSubmit.emit($event);\n return false;\n }\n\n /**\n * @description\n * Method called when the \"reset\" event is triggered on the form.\n */\n onReset(): void { this.resetForm(); }\n\n /**\n * @description\n * Resets the form to an initial value and resets its submitted status.\n *\n * @param value The new value for the form.\n */\n resetForm(value: any = undefined): void {\n this.form.reset(value);\n (this as {submitted: boolean}).submitted = false;\n }\n\n\n /** @internal */\n _updateDomValue() {\n this.directives.forEach(dir => {\n const newCtrl: any = this.form.get(dir.path);\n if (dir.control !== newCtrl) {\n cleanUpControl(dir.control, dir);\n if (newCtrl) setUpControl(newCtrl, dir);\n (dir as {control: FormControl}).control = newCtrl;\n }\n });\n this.form._updateTreeValidity({emitEvent: false});\n }\n\n private _updateRegistrations() {\n this.form._registerOnCollectionChange(() => this._updateDomValue());\n if (this._oldForm) this._oldForm._registerOnCollectionChange(() => {});\n this._oldForm = this.form;\n }\n\n private _updateValidators() {\n const sync = composeValidators(this._validators);\n this.form.validator = Validators.compose([this.form.validator!, sync!]);\n const async = composeAsyncValidators(this._asyncValidators);\n this.form.asyncValidator = Validators.composeAsync([this.form.asyncValidator!, async!]);\n }\n\n private _checkFormPresent() {\n if (!this.form) {\n ReactiveErrors.missingFormException();\n }\n }\n\n\n /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license\n */\n\n @NgModule({\n imports: [Directive, Host, Inject, Input, OnDestroy, OnInit, Optional, Self, SkipSelf, forwardRef] from '@angular/core',\n imports: [FormArray] from './model',\n imports: [NG_ASYNC_VALIDATORS, NG_VALIDATORS] from './validators',\n imports: [AbstractFormGroupDirective] from './abstract_form_group_directive',\n imports: [ControlContainer] from

```

```

'./control_container';\nimport { ReactiveErrors } from './reactive_errors';\nimport { composeAsyncValidators,
composeValidators, controlPath } from './shared';\nimport { AsyncValidatorFn, ValidatorFn } from
'./validators';\n\nimport { FormGroupDirective } from './form_group_directive';\n\nexport const
formGroupNameProvider: any = {\n provide: ControlContainer,\n useExisting: forwardRef(() =>
FormGroupName)\n};\n\n/**\n * @description\n * Syncs a nested `FormGroup` to a DOM element.\n *\n * This directive can only be used with a parent `FormGroupDirective`.\n *\n * It accepts the string name of the nested
`FormGroup` to link, and\n * looks for a `FormGroup` registered with that name in the parent\n * `FormGroup`
instance you passed into `FormGroupDirective`.\n *\n * Use nested form groups to validate a sub-group of a\n *
form separately from the rest or to group the values of certain\n * controls into their own nested object.\n *\n * @see
[Reactive Forms Guide](guide/reactive-forms)\n *\n * @usageNotes\n *\n * ### Access the group by name\n *\n * The following example uses the { @link AbstractControl#get get } method to access the\n * associated
`FormGroup`\n *\n * ```ts\n * this.form.get('name');\n *\n * ### Access individual controls in the group\n *\n * The following example uses the { @link AbstractControl#get get } method to access\n * individual controls
within the group using dot syntax.\n *\n * ```ts\n * this.form.get('name.first');\n *\n * ### Register a nested
`FormGroup`\n *\n * The following example registers a nested *name* `FormGroup` within an existing
`FormGroup`,\n * and provides methods to retrieve the nested `FormGroup` and individual controls.\n *\n *
{@example forms/ts/nestedFormGroup/nested_form_group_example.ts region='Component'}\n *\n * @ngModule
ReactiveFormsModule\n * @publicApi\n */\n@Directive({ selector: '[formGroupName]', providers:
[formGroupNameProvider] })\nexport class FormGroupName extends AbstractFormGroupDirective implements
OnInit, OnDestroy {\n /**\n * @description\n * Tracks the name of the `FormGroup` bound to the directive. The
name corresponds\n * to a key in the parent `FormGroup` or `FormArray`.\n * Accepts a name as a string or a
number.\n * The name in the form of a string is useful for individual forms,\n * while the numerical form allows
for form groups to be bound\n * to indices when iterating over groups in a `FormArray`.\n *\n * //
TODO(issue/24571): remove '!'\n * @Input('formGroupName') name!: string | number | null;\n\n * constructor(\n
 * @Optional() @Host() @SkipSelf() parent: ControlContainer,\n * @Optional() @Self()\n * @Inject(NG_VALIDATORS) validators: any[],\n * @Optional() @Self() @Inject(NG_ASYNC_VALIDATORS)
asyncValidators: any[]) {\n * super();\n * this._parent = parent;\n * this._validators = validators;\n *
this._asyncValidators = asyncValidators;\n * }\n\n * @internal *\n * _checkParentType(): void {\n * if
(_hasInvalidParent(this._parent)) {\n * ReactiveErrors.groupParentException();\n * }\n * }\n\n * export const
formArrayNameProvider: any = {\n * provide: ControlContainer,\n * useExisting: forwardRef(() =>
FormArrayName)\n * }\n\n * /**\n * @description\n * Syncs a nested `FormArray` to a DOM element.\n *\n * This
directive is designed to be used with a parent `FormGroupDirective` (selector:\n * `[formGroup]`).\n *\n * It accepts
the string name of the nested `FormArray` you want to link, and\n * will look for a `FormArray` registered with that
name in the parent\n * `FormGroup` instance you passed into `FormGroupDirective`.\n *\n * @see [Reactive Forms
Guide](guide/reactive-forms)\n *\n * @see `AbstractControl`\n *\n * @usageNotes\n *\n * ### Example\n *\n *
{@example forms/ts/nestedFormArray/nested_form_array_example.ts region='Component'}\n *\n * @ngModule
ReactiveFormsModule\n * @publicApi\n */\n * @Directive({ selector: '[formArrayName]', providers:
[formArrayNameProvider] })\n * export class FormArrayName extends ControlContainer implements OnInit,
OnDestroy {\n * /**\n * @internal *\n * _parent: ControlContainer;\n *\n * /**\n * @internal *\n * _validators: any[];\n *\n * /**\n * @internal *\n * _asyncValidators: any[];\n *\n * /**\n * @description\n * Tracks the name of the `FormArray` bound
to the directive. The name corresponds\n * to a key in the parent `FormGroup` or `FormArray`.\n * Accepts a
name as a string or a number.\n * The name in the form of a string is useful for individual forms,\n * while the
numerical form allows for form arrays to be bound\n * to indices when iterating over arrays in a `FormArray`.\n *
*\n * // TODO(issue/24571): remove '!'\n * @Input('formArrayName') name!: string | number | null;\n *\n * constructor(\n
 * @Optional() @Host() @SkipSelf() parent: ControlContainer,\n * @Optional() @Self()\n * @Inject(NG_VALIDATORS) validators: any[],\n * @Optional() @Self() @Inject(NG_ASYNC_VALIDATORS)
asyncValidators: any[]) {\n * super();\n * this._parent = parent;\n * this._validators = validators;\n *
this._asyncValidators = asyncValidators;\n * }\n\n * /**\n * @description\n * A lifecycle method called when the

```

```

directive's inputs are initialized. For internal use only.\n * \n * @throws If the directive does not have a valid
parent.\n * \n ngOnInit(): void {\n this._checkParentType();\n this.formDirective!.addFormArray(this);\n
}\n\n /**\n * @description\n * A lifecycle method called before the directive's instance is destroyed. For internal
use only.\n * \n ngOnDestroy(): void {\n if (this.formDirective) {\n
this.formDirective.removeFormArray(this);\n }\n }\n\n /**\n * @description\n * The `FormArray` bound to
this directive.\n * \n get control(): FormArray { return this.formDirective!.getFormArray(this); }\n\n /**\n *
@description\n * The top-level directive for this group if present, otherwise null.\n * \n get formDirective():
FormGroupDirective|null {\n return this._parent ? <FormGroupDirective>this._parent.formDirective : null;\n
}\n\n /**\n * @description\n * Returns an array that represents the path from the top-level form to this control.\n
* Each index is the string name of the control on that level.\n * \n get path(): string[] {\n return
controlPath(this.name == null ? this.name : this.name.toString(), this._parent);\n }\n\n /**\n * @description\n *
Synchronous validator function composed of all the synchronous validators registered with this\n * directive.\n
* \n get validator(): ValidatorFn|null { return composeValidators(this._validators); }\n\n /**\n * @description\n
* Async validator function composed of all the async validators registered with this directive.\n * \n get
asyncValidator(): AsyncValidatorFn|null {\n return composeAsyncValidators(this._asyncValidators);\n }\n\n
private _checkParentType(): void {\n if (_hasInvalidParent(this._parent)) {\n
ReactiveErrors.arrayParentException();\n }\n }\n\nfunction _hasInvalidParent(parent: ControlContainer):
boolean {\n return !(parent instanceof FormGroupName) && !(parent instanceof FormGroupDirective) &&\n
!(parent instanceof FormArrayName);\n }\n\n",/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n
*\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n * \n\nimport {Directive, EventEmitter, Host, Inject, Input, OnChanges, OnDestroy,
Optional, Output, Self, SimpleChanges, SkipSelf, forwardRef} from '@angular/core';\n\nimport {FormControl}
from '../model';\nimport {NG_ASYNC_VALIDATORS, NG_VALIDATORS} from '../validators';\nimport
{AbstractFormGroupDirective} from './abstract_form_group_directive';\nimport {ControlContainer} from
'./control_container';\nimport {ControlValueAccessor, NG_VALUE_ACCESSOR} from
'./control_value_accessor';\nimport {NgControl} from './ng_control';\nimport {ReactiveErrors} from
'./reactive_errors';\nimport {_ngModelWarning, composeAsyncValidators, composeValidators, controlPath,
isPropertyUpdated, selectValueAccessor} from './shared';\nimport {AsyncValidator, AsyncValidatorFn, Validator,
ValidatorFn} from './validators';\nimport {NG_MODEL_WITH_FORM_CONTROL_WARNING} from
'./form_control_directive';\nimport {FormGroupDirective} from './form_group_directive';\nimport
{FormArrayName, FormGroupName} from './form_group_name';\n\nexport const controlNameBinding: any = {\n
provide: NgControl,\n useExisting: forwardRef(() => FormControlName)\n};\n\n/**\n * @description\n * Syncs a
`FormControl` in an existing `FormGroup` to a form control\n * element by name.\n * \n * @see [Reactive Forms
Guide](guide/reactive-forms)\n * @see `FormControl`\n * @see `AbstractControl`\n * \n * @usageNotes\n * \n *
Register `FormControl` within a group\n * \n * The following example shows how to register multiple form
controls within a form group\n * and set their value.\n * \n * {@example
forms/ts/simpleFormGroup/simple_form_group_example.ts region='Component'}\n * \n * To see
`formControlName` examples with different form control types, see:\n * \n * * Radio buttons:
`RadioControlValueAccessor`\n * * Selects: `SelectControlValueAccessor`\n * * ### Use with ngModel\n * \n *
Support for using the `ngModel` input property and `ngModelChange` event with reactive\n * form directives has
been deprecated in Angular v6 and will be removed in a future\n * version of Angular.\n * \n * Now deprecated:\n
*\n * ```html\n * <form [formGroup]="form">\n * <input formControlName="first" [(ngModel)]="value">\n *
</form>\n * ```\n * \n * ```ts\n * this.value = 'some value';\n * ```\n * \n * This has been deprecated for a few reasons.
First, developers have found this pattern\n * confusing. It seems like the actual `ngModel` directive is being used,
but in fact it's\n * an input/output property named `ngModel` on the reactive form directive that simply\n *
approximates (some of) its behavior. Specifically, it allows getting/setting the value\n * and intercepting value
events. However, some of `ngModel`'s other features - like\n * delaying updates with `ngModelOptions` or
exporting the directive - simply don't work,\n * which has understandably caused some confusion.\n * \n * In

```

addition, this pattern mixes template-driven and reactive forms strategies, which we generally don't recommend because it doesn't take advantage of the full benefits of either strategy. Setting the value in the template violates the template-agnostic principles behind reactive forms, whereas adding a `FormControl`/`FormGroup` layer in the class removes the convenience of defining forms in the template. To update your code before support is removed, you'll want to decide whether to stick with reactive form directives (and get/set values using reactive forms patterns) or switch over to template-driven directives.

After (choice 1 - use reactive forms):

```

<html>
<form [formGroup]="form">
 <input formControlName="first">
</form>

```

After (choice 2 - use template-driven forms):

```

<html>
<input [(ngModel)]="value">
 this.value = 'some value';

```

By default, when you use this pattern, you will see a deprecation warning once in dev mode. You can choose to silence this warning by providing a config for `ReactiveFormsModule` at import time:

```

imports: [
 ReactiveFormsModule.withConfig({ warnOnNgModelWithFormControl: 'never' })
]

```

Alternatively, you can choose to surface a separate warning for each instance of this pattern with a config value of `"always"`. This may help to track down where in the code the pattern is being used as the code is being updated.

```

@ngModule ReactiveFormsModule
@publicApi
@Directive({ selector: '[formControlName]', providers: [controlNameBinding] })
export class FormControlName extends NgControl
implements OnChanges, OnDestroy {
 private _added = false;
 /** Internal reference to the view model value. */
 @internal viewModel: any;
 /** Tracks the `FormControl` instance bound to the directive. */
 // TODO(issue/24571): remove '!'.
 readonly control!: FormControl;
 /** Tracks the name of the `FormControl` bound to the directive. The name corresponds to a key in the parent `FormGroup` or `FormArray`. */
 /** Accepts a name as a string or a number. The name in the form of a string is useful for individual forms, while the numerical form allows for form controls to be bound to indices when iterating over controls in a `FormArray`. */
 // TODO(issue/24571): remove '!'.
 @Input('formControlName') name!: string | number | null;
 /** Triggers a warning that this input should not be used with reactive forms. */
 @Input('disabled') set isDisabled(isDisabled: boolean) { ReactiveErrors.disabledAttrWarning(); }
 // TODO(kara): remove next 4 properties once deprecation period is over
 /** @deprecated as of v6 */
 @Input('ngModel') model: any;
 @Output('ngModelChange') update = new EventEmitter();
 /** Static property used to track whether any ngModel warnings have been sent across all instances of FormControlName. Used to support warning config of "once". */
 @internal static _ngModelWarningSentOnce = false;
 /** Instance property used to track whether an ngModel warning has been sent out for this particular FormControlName instance. Used to support warning config of "always". */
 @internal _ngModelWarningSent = false;
 constructor(
 @Optional() @Host() @SkipSelf() parent: ControlContainer,
 @Optional() @Self() @Inject(NG_VALIDATORS) validators: Array<Validator|ValidatorFn>,
 @Optional() @Self() @Inject(NG_ASYNC_VALIDATORS) asyncValidators: Array<AsyncValidator|AsyncValidatorFn>,
 @Optional() @Self() @Inject(NG_VALUE_ACCESSOR) valueAccessors: ControlValueAccessor[],
 @Optional() @Inject(NG_MODEL_WITH_FORM_CONTROL_WARNING) private _ngModelWarningConfig: string | null) {
 super();
 this._parent = parent;
 this._rawValidators = validators || [];
 this._rawAsyncValidators = asyncValidators || [];
 this.valueAccessor = selectValueAccessor(this, valueAccessors);
 }
 /** A lifecycle method called when the directive's inputs change. For internal use only. */
 @param changes A object of key/value pairs for the set of changed inputs.
 ngOnChanges(changes: SimpleChanges) {
 if (!this._added) this._setUpControl();
 if (isPropertyUpdated(changes, this.viewModel)) {
 _ngModelWarning('formControlName', FormControlName, this, this._ngModelWarningConfig);
 this.viewModel = this.model;
 this.formDirective.updateModel(this, this.model);
 }
 }
 /** Lifecycle method called before the directive's instance is destroyed. For internal use only. */
 ngOnDestroy(): void {
 if (this.formDirective) {
 this.formDirective.removeControl(this);
 }
 }
 /** Sets the new value for the view

```

```

model and emits an `ngModelChange` event.\n * @param newValue The new value for the view model.\n
*/\n viewToModelUpdate(newValue: any): void {\n this.viewModel = newValue;\n
this.update.emit(newValue);\n }\n\n /**\n * @description\n * Returns an array that represents the path from the
top-level form to this control.\n * Each index is the string name of the control on that level.\n */\n get path():
string[] {\n return controlPath(this.name == null ? this.name : this.name.toString(), this._parent !);\n }\n\n /**\n
* @description\n * The top-level directive for this group if present, otherwise null.\n */\n get formDirective():
any {\n return this._parent ? this._parent.formDirective : null;\n }\n\n /**\n * @description\n * Synchronous
validator function composed of all the synchronous validators\n * registered with this directive.\n */\n get
validator(): ValidatorFn|null {\n return composeValidators(this._rawValidators);\n }\n\n /**\n * @description\n *
Async validator function composed of all the async validators registered with this\n * directive.\n */\n get
asyncValidator(): AsyncValidatorFn {\n return composeAsyncValidators(this._rawAsyncValidators) !;\n }\n\n private
_checkParentType(): void {\n if (!(this._parent instanceof FormGroupName) &&\n this._parent
instanceof AbstractFormGroupDirective) {\n ReactiveErrors.ngModelGroupException();\n } else if (\n
!(this._parent instanceof FormGroupName) && !(this._parent instanceof FormGroupDirective) &&\n
!(this._parent instanceof FormArrayName)) {\n ReactiveErrors.controlParentException();\n }\n }\n\n private
_setupControl() {\n this._checkParentType();\n (this as {control: FormControl}).control =
this.formDirective.addControl(this);\n if (this.control.disabled && this.valueAccessor !.setDisabledState) {\n
this.valueAccessor !.setDisabledState !(true);\n }\n this._added = true;\n }\n\n\n", "/*\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport {Directive, Input, OnChanges,
SimpleChanges, StaticProvider, forwardRef} from '@angular/core';\nimport {Observable} from 'rxjs';\nimport
{AbstractControl} from './model';\nimport {NG_VALIDATORS, Validators} from './validators';\n\n\n/**\n *
@description\n * Defines the map of errors returned from failed validation checks.\n */\n * @publicApi\n */\nexport
type ValidationErrors = {\n [key: string]: any;\n};\n\n\n /**\n * @description\n * An interface implemented by classes
that perform synchronous validation.\n */\n * @usageNotes\n */\n * ### Provide a custom validator\n */\n * The
following example implements the `Validator` interface to create a\n * validator directive with a custom error key.\n
*/\n * ```typescript\n * @Directive({\n * selector: '[customValidator]',\n * providers: [{provide:
NG_VALIDATORS, useExisting: CustomValidatorDirective, multi: true}]\n * })\n * class
CustomValidatorDirective implements Validator {\n * validate(control: AbstractControl): ValidationErrors|null {\n
* return {'custom': true};\n * }\n * }\n * ```\n */\n * @publicApi\n */\nexport interface Validator {\n /**\n
* @description\n * Method that performs synchronous validation against the provided control.\n */\n * @param
control The control to validate against.\n */\n * @returns A map of validation errors if validation fails,\n *
otherwise null.\n */\n validate(control: AbstractControl): ValidationErrors|null;\n\n /**\n * @description\n *
Registers a callback function to call when the validator inputs change.\n */\n * @param fn The callback function\n
*/\n registerOnValidatorChange?(fn: () => void): void;\n}\n\n\n /**\n * @description\n * An interface implemented
by classes that perform asynchronous validation.\n */\n * @usageNotes\n */\n * ### Provide a custom async validator
directive\n */\n * The following example implements the `AsyncValidator` interface to create an\n * async validator
directive with a custom error key.\n */\n * ```typescript\n * import { of as observableOf } from 'rxjs';\n *
*/\n * @Directive({\n * selector: '[customAsyncValidator]',\n * providers: [{provide: NG_ASYNC_VALIDATORS,
useExisting: CustomAsyncValidatorDirective, multi:\n * true}]\n * })\n * class CustomAsyncValidatorDirective
implements AsyncValidator {\n * validate(control: AbstractControl): Observable<ValidationErrors|null> {\n *
return observableOf({'custom': true});\n * }\n * }\n * ```\n */\n * @publicApi\n */\nexport interface AsyncValidator
extends Validator {\n /**\n * @description\n * Method that performs async validation against the provided
control.\n */\n * @param control The control to validate against.\n */\n * @returns A promise or observable that
resolves a map of validation errors\n * if validation fails, otherwise null.\n */\n validate(control:
AbstractControl):\n Promise<ValidationErrors|null>|Observable<ValidationErrors|null>;\n}\n\n\n /**\n * @description\n
* Provider which adds `RequiredValidator` to the `NG_VALIDATORS` multi-provider list.\n */\n * @nextport const
REQUIRED_VALIDATOR: StaticProvider = {\n provide: NG_VALIDATORS,\n useExisting:

```

```

forwardRef(() => RequiredValidator),\n multi: true\n};\n\n/**\n * @description\n * Provider which adds
`CheckboxRequiredValidator` to the `NG_VALIDATORS` multi-provider list.\n */\nexport const
CHECKBOX_REQUIRED_VALIDATOR: StaticProvider = {\n provide: NG_VALIDATORS,\n useExisting:
forwardRef(() => CheckboxRequiredValidator),\n multi: true\n};\n\n/**\n * @description\n * A directive that
adds the `required` validator to any controls marked with the\n * `required` attribute. The directive is provided with
the `NG_VALIDATORS` multi-provider list.\n * \n * @see [Form Validation](guide/form-validation)\n * \n *
@usageNotes\n * \n * ### Adding a required validator using template-driven forms\n * \n * ``\n * <input
name="fullName" ngModel required>\n * ``\n * \n * @ngModule FormsModule\n * @ngModule
ReactiveFormsModule\n * @publicApi\n */\n@Directive({\n selector:\n
':not([type=checkbox])[required][formControlName],:not([type=checkbox])[required][formControl],:not([type=checkbox])[required][ngModel]',\n providers: [REQUIRED_VALIDATOR],\n host: {'[attr.required]': 'required ? \\\" :
null'}\n}))\nexport class RequiredValidator implements Validator {\n // TODO(issue/24571): remove '!.\n private
_required!: boolean;\n // TODO(issue/24571): remove '!.\n private _onChange!: () => void;\n\n /**\n *
@description\n * Tracks changes to the required attribute bound to this directive.\n * \n * @Input()\n get
required(): boolean|string { return this._required; }\n\n set required(value: boolean|string) {\n this._required =
value != null && value !== false && `${value}` !== 'false';\n if (this._onChange) this._onChange();\n }\n\n
/**\n * @description\n * Method that validates whether the control is empty.\n * Returns the validation result if
enabled, otherwise null.\n * \n * @param control\n * \n * validate(control: AbstractControl): ValidationErrors|null {\n return this.required ?
Validators.required(control) : null;\n }\n\n /**\n * @description\n * Registers a callback function to call when
the validator inputs change.\n * \n * @param fn The callback function\n * \n * registerOnValidatorChange(fn: ()
=> void): void { this._onChange = fn; }\n\n\n/**\n * A Directive that adds the `required` validator to checkbox
controls marked with the\n * `required` attribute. The directive is provided with the `NG_VALIDATORS` multi-
provider list.\n * \n * @see [Form Validation](guide/form-validation)\n * \n * @usageNotes\n * \n * ### Adding a
required checkbox validator using template-driven forms\n * \n * The following example shows how to add a
checkbox required validator to an input attached to an ngModel binding.\n * \n * ``\n * <input type="checkbox"
name="active" ngModel required>\n * ``\n * \n * @publicApi\n * @ngModule FormsModule\n * @ngModule
ReactiveFormsModule\n */\n@Directive({\n selector:\n
'input[type=checkbox][required][formControlName],input[type=checkbox][required][formControl],input[type=checkbox][required][ngModel]',\n providers: [CHECKBOX_REQUIRED_VALIDATOR],\n host: {'[attr.required]':
'required ? \\\" : null'}\n}))\nexport class CheckboxRequiredValidator extends RequiredValidator {\n /**\n *
@description\n * Method that validates whether or not the checkbox has been checked.\n * Returns the validation
result if enabled, otherwise null.\n * \n * @param control\n * \n * validate(control: AbstractControl): ValidationErrors|null {\n return
this.required ? Validators.requiredTrue(control) : null;\n }\n\n\n/**\n * @description\n * Provider which adds
`EmailValidator` to the `NG_VALIDATORS` multi-provider list.\n */\nexport const EMAIL_VALIDATOR: any =
{\n provide: NG_VALIDATORS,\n useExisting: forwardRef(() => EmailValidator),\n multi: true\n};\n\n/**\n * A
directive that adds the `email` validator to controls marked with the\n * `email` attribute. The directive is provided
with the `NG_VALIDATORS` multi-provider list.\n * \n * @see [Form Validation](guide/form-validation)\n * \n *
@usageNotes\n * \n * ### Adding an email validator\n * \n * The following example shows how to add an email
validator to an input attached to an ngModel binding.\n * \n * ``\n * <input type="email" name="email"
ngModel email>\n * <input type="email" name="email" ngModel email="true">\n * <input type="email"
name="email" ngModel [email]="true">\n * ``\n * \n * @publicApi\n * @ngModule FormsModule\n *
@ngModule ReactiveFormsModule\n */\n@Directive({\n selector:\n
'[email][formControlName],[email][formControl],[email][ngModel]',\n providers:\n [EMAIL_VALIDATOR]\n}))\nexport class EmailValidator implements Validator {\n // TODO(issue/24571):
remove '!.\n private _enabled!: boolean;\n // TODO(issue/24571): remove '!.\n private _onChange!: () =>
void;\n\n /**\n * @description\n * Tracks changes to the email attribute bound to this directive.\n * \n *
@Input()\n set email(value: boolean|string) {\n this._enabled = value === " || value === true || value === 'true';\n if (this._onChange) this._onChange();\n }\n\n\n/**\n * @description\n * Method that validates whether an email

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address is valid.\n \* Returns the validation result if enabled, otherwise null.\n \*/\n validate(control: AbstractControl): ValidationErrors|null {\n return this.\_enabled ? Validators.email(control) : null;\n }\n\n /\*\*\n \* @description\n \* Registers a callback function to call when the validator inputs change.\n \*\n \* @param fn The callback function\n \*/\n registerOnValidatorChange(fn: () => void): void { this.\_onChange = fn; }\n\n /\*\*\n \* @description\n \* A function that receives a control and synchronously returns a map of\n \* validation errors if present, otherwise null.\n \*\n \* @publicApi\n \*/\n export interface ValidatorFn { (control: AbstractControl): ValidationErrors|null; }\n\n /\*\*\n \* @description\n \* A function that receives a control and returns a Promise or observable\n \* that emits validation errors if present, otherwise null.\n \*\n \* @publicApi\n \*/\n export interface AsyncValidatorFn {\n (control: AbstractControl): Promise<ValidationErrors|null>|Observable<ValidationErrors|null>;\n }\n\n /\*\*\n \* @description\n \* Provider which adds `MinLengthValidator` to the `NG\_VALIDATORS` multi-provider list.\n \*/\n export const\n\n MIN\_LENGTH\_VALIDATOR: any = {\n provide: NG\_VALIDATORS,\n useExisting: forwardRef(() => MinLengthValidator),\n multi: true\n};\n\n /\*\*\n \* A directive that adds minimum length validation to controls marked with the\n \* `minlength` attribute. The directive is provided with the `NG\_VALIDATORS` multi-provider list.\n \*\n \* @see [Form Validation](guide/form-validation)\n \*\n \* @usageNotes\n \*\n \* ### Adding a minimum length validator\n \*\n \* The following example shows how to add a minimum length validator to an input attached to an\n \* ngModel binding.\n \*\n \* ```html\n \* <input name="firstName" ngModel minlength="4">\n \* ```\n \*\n \* @ngModule ReactiveFormsModule\n \* @ngModule FormsModule\n \* @publicApi\n \*/\n @Directive({\n selector: '[minlength][formControlName],[minlength][formControl],[minlength][ngModel]',\n providers: [MIN\_LENGTH\_VALIDATOR],\n host: {'[attr.minlength]': 'minlength ? minlength : null'}\n})\n export class\n\n MinLengthValidator implements Validator,\n\n OnChanges {\n // TODO(issue/24571): remove '!'.\n private\n \_validator!: ValidatorFn;\n // TODO(issue/24571): remove '!'.\n private\n \_onChange!: () => void;\n\n /\*\*\n \* @description\n \* Tracks changes to the the minimum length bound to this directive.\n \*/\n //\n\n TODO(issue/24571): remove '!'.\n @Input() minlength!: string | number;\n\n /\*\*\n \* @description\n \* A lifecycle method called when the directive's inputs change. For internal use\n \* only.\n \*\n \* @param changes A object of key/value pairs for the set of changed inputs.\n \*/\n ngOnChanges(changes: SimpleChanges): void {\n if ('minlength' in changes) {\n this.\_createValidator();\n if (this.\_onChange) this.\_onChange();\n }\n }\n\n /\*\*\n \* @description\n \* Method that validates whether the value meets a minimum length\n \* requirement.\n\n Returns the validation result if enabled, otherwise null.\n \*/\n validate(control: AbstractControl): ValidationErrors|null {\n return this.minlength == null ? null : this.\_validator(control);\n }\n\n /\*\*\n \* @description\n \* Registers a callback function to call when the validator inputs change.\n \*\n \* @param fn The callback function\n \*/\n registerOnValidatorChange(fn: () => void): void { this.\_onChange = fn; }\n\n private\n \_createValidator(): void {\n this.\_validator = Validators.minLength(\n typeof this.minlength === 'number' ? this.minlength : parseInt(this.minlength, 10));\n }\n\n /\*\*\n \* @description\n \* Provider which adds `MaxLengthValidator` to the `NG\_VALIDATORS` multi-provider list.\n \*/\n export const\n\n MAX\_LENGTH\_VALIDATOR: any = {\n provide: NG\_VALIDATORS,\n useExisting: forwardRef(() => MaxLengthValidator),\n multi: true\n};\n\n /\*\*\n \* A directive that adds max length validation to controls marked with the\n \* `maxlength` attribute. The directive is provided with the `NG\_VALIDATORS` multi-provider list.\n \*\n \* @see [Form Validation](guide/form-validation)\n \*\n \* @usageNotes\n \*\n \* ### Adding a maximum length validator\n \*\n \* The following example shows how to add a maximum length validator to an input attached to an\n \* ngModel binding.\n \*\n \* ```html\n \* <input name="firstName" ngModel maxlength="25">\n \* ```\n \*\n \* @ngModule ReactiveFormsModule\n \* @ngModule FormsModule\n \* @publicApi\n \*/\n @Directive({\n selector: '[maxlength][formControlName],[maxlength][formControl],[maxlength][ngModel]',\n providers: [MAX\_LENGTH\_VALIDATOR],\n host: {'[attr.maxlength]': 'maxlength ? maxlength : null'}\n})\n export class\n\n MaxLengthValidator implements Validator,\n\n OnChanges {\n // TODO(issue/24571): remove '!'.\n private\n \_validator!: ValidatorFn;\n // TODO(issue/24571): remove '!'.\n private\n \_onChange!: () => void;\n\n /\*\*\n \* @description\n \* Tracks changes to the the maximum length bound to this directive.\n \*/\n //\n\n TODO(issue/24571): remove '!'.\n @Input() maxlength!: string | number;\n\n /\*\*\n \* @description\n \* A

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lifecycle method called when the directive's inputs change. For internal use\n * only.\n * \n * @param changes A
object of key/value pairs for the set of changed inputs.\n * \n ngOnChanges(changes: SimpleChanges): void {\n
if ('maxlength' in changes) {\n this._createValidator();\n if (this._onChange) this._onChange();\n }\n }\n\n
/**\n * @description\n * Method that validates whether the value exceeds\n * the maximum length
requirement.\n * \n validate(control: AbstractControl): ValidationErrors|null {\n return this.maxlength != null ?
this._validator(control) : null;\n }\n\n /**\n * @description\n * Registers a callback function to call when the
validator inputs change.\n * \n * @param fn The callback function\n * \n registerOnValidatorChange(fn: () =>
void): void { this._onChange = fn; }\n\n private _createValidator(): void {\n this._validator =
Validators.maxLength(\n typeof this.maxlength === 'number' ? this.maxlength : parseInt(this.maxlength, 10));\n
}\n}\n\n/**\n * @description\n * Provider which adds `PatternValidator` to the `NG_VALIDATORS` multi-
provider list.\n * \nexport const PATTERN_VALIDATOR: any = {\n provide: NG_VALIDATORS,\n useExisting: forwardRef(() => PatternValidator),\n multi: true\n};\n\n\n/**\n * @description\n * A directive that
adds regex pattern validation to controls marked with the\n * `pattern` attribute. The regex must match the entire
control value.\n * The directive is provided with the `NG_VALIDATORS` multi-provider list.\n * \n * @see [Form
Validation](guide/form-validation)\n * \n * @usageNotes\n * \n * ### Adding a pattern validator\n * \n * The
following example shows how to add a pattern validator to an input attached to an\n * ngModel binding.\n * \n *
```\n * <input name="firstName" ngModel pattern="[a-zA-Z]*">\n * ```\n * \n * @ngModule
ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n * \n @Directive({\n selector:
'[pattern][formControlName],[pattern][formControl],[pattern][ngModel]',\n providers:
[PATTERN_VALIDATOR],\n host: {'[attr.pattern]': 'pattern ? pattern : null'}\n})\nexport class PatternValidator
implements Validator,\n OnChanges {\n // TODO(issue/24571): remove '!.\n private _validator!: ValidatorFn;\n
// TODO(issue/24571): remove '!.\n private _onChange!: () => void;\n\n /**\n * @description\n * Tracks
changes to the pattern bound to this directive.\n * \n // TODO(issue/24571): remove '!.\n @Input() pattern!:
string | RegExp;\n\n /**\n * @description\n * A lifecycle method called when the directive's inputs change. For
internal use\n * only.\n * \n * @param changes A object of key/value pairs for the set of changed inputs.\n * \n
ngOnChanges(changes: SimpleChanges): void {\n if ('pattern' in changes) {\n this._createValidator();\n if
(this._onChange) this._onChange();\n }\n }\n\n /**\n * @description\n * Method that validates whether the
value matches the\n * the pattern requirement.\n * \n validate(control: AbstractControl): ValidationErrors|null {\n
return this._validator(control); }\n\n /**\n * @description\n * Registers a callback function to call when the
validator inputs change.\n * \n * @param fn The callback function\n * \n registerOnValidatorChange(fn: () =>
void): void { this._onChange = fn; }\n\n private _createValidator(): void { this._validator =
Validators.pattern(this.pattern); }\n}\n\n", "/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * \n *
Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n * \n\nimport {NgModule, Type} from '@angular/core';\nimport
{CheckboxControlValueAccessor} from './directives/checkbox_value_accessor';\nimport {DefaultValueAccessor}
from './directives/default_value_accessor';\nimport {NgControlStatus, NgControlStatusGroup} from
'./directives/ng_control_status';\nimport {NgForm} from './directives/ng_form';\nimport {NgModel} from
'./directives/ng_model';\nimport {NgModelGroup} from './directives/ng_model_group';\nimport {NgNoValidate}
from './directives/ng_no_validate_directive';\nimport {NumberValueAccessor} from
'./directives/number_value_accessor';\nimport {RadioControlValueAccessor} from
'./directives/radio_control_value_accessor';\nimport {RangeValueAccessor} from
'./directives/range_value_accessor';\nimport {FormControlDirective} from
'./directives/reactive_directives/form_control_directive';\nimport {FormControlName} from
'./directives/reactive_directives/form_control_name';\nimport {FormGroupDirective} from
'./directives/reactive_directives/form_group_directive';\nimport {FormArrayName, FormGroupName} from
'./directives/reactive_directives/form_group_name';\nimport {NgSelectOption, SelectControlValueAccessor} from
'./directives/select_control_value_accessor';\nimport {NgSelectMultipleOption,
SelectMultipleControlValueAccessor} from './directives/select_multiple_control_value_accessor';\nimport

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{CheckboxRequiredValidator, EmailValidator, MaxLengthValidator, MinLengthValidator, PatternValidator,
RequiredValidator} from './directives/validators';\n\nexport {CheckboxControlValueAccessor} from
 './directives/checkbox_value_accessor';\nexport {ControlValueAccessor} from
 './directives/control_value_accessor';\nexport {DefaultValueAccessor} from
 './directives/default_value_accessor';\nexport {NgControl} from './directives/ng_control';\nexport {NgControlStatus,
NgControlStatusGroup} from './directives/ng_control_status';\nexport {NgForm} from
 './directives/ng_form';\nexport {NgModel} from './directives/ng_model';\nexport {NgModelGroup} from
 './directives/ng_model_group';\nexport {NumberValueAccessor} from './directives/number_value_accessor';\nexport
{RadioControlValueAccessor} from './directives/radio_control_value_accessor';\nexport {RangeValueAccessor}
from './directives/range_value_accessor';\nexport {FormControlDirective,
NG_MODEL_WITH_FORM_CONTROL_WARNING} from
 './directives/reactive_directives/form_control_directive';\nexport {FormControlName} from
 './directives/reactive_directives/form_control_name';\nexport {FormGroupDirective} from
 './directives/reactive_directives/form_group_directive';\nexport {FormArrayName, FormGroupName} from
 './directives/reactive_directives/form_group_name';\nexport {NgSelectOption, SelectControlValueAccessor} from
 './directives/select_control_value_accessor';\nexport {NgSelectMultipleOption,
SelectMultipleControlValueAccessor} from './directives/select_multiple_control_value_accessor';\n\nexport const
SHARED_FORM_DIRECTIVES: Type<any>[] = [\n NgNoValidate,\n NgSelectOption,\n
NgSelectMultipleOption,\n DefaultValueAccessor,\n NumberValueAccessor,\n RangeValueAccessor,\n
CheckboxControlValueAccessor,\n SelectControlValueAccessor,\n SelectMultipleControlValueAccessor,\n
RadioControlValueAccessor,\n NgControlStatus,\n NgControlStatusGroup,\n RequiredValidator,\n
MinLengthValidator,\n MaxLengthValidator,\n PatternValidator,\n CheckboxRequiredValidator,\n
EmailValidator,\n];\n\nexport const TEMPLATE_DRIVEN_DIRECTIVES: Type<any>[] = [NgModel,
NgModelGroup, NgForm];\n\nexport const REACTIVE_DRIVEN_DIRECTIVES: Type<any>[] =[\n
[FormControlDirective, FormGroupDirective, FormControlName, FormGroupName, FormArrayName];\n\n/**\n *
Internal module used for sharing directives between FormsModule and ReactiveFormsModule\n
*\n\n@NgModule({\n declarations: SHARED_FORM_DIRECTIVES,\n exports:
SHARED_FORM_DIRECTIVES,\n})\n\nexport class ÉµInternalFormsSharedModule {\n}\n\nexport
{ÉµInternalFormsSharedModule as InternalFormsSharedModule};\n", "/**\n * @license\n * Copyright Google Inc.
All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in
the LICENSE file at https://angular.io/license\n */\n\nimport {Injectable} from '@angular/core';\n\nimport
{AsyncValidatorFn, ValidatorFn} from './directives/validators';\n\nimport {AbstractControl, AbstractControlOptions,
FormArray, FormControl, FormGroup, FormHooks} from './model';\n\nfunction isAbstractControlOptions(options:
AbstractControlOptions | {[key: string]: any}):\n options is AbstractControlOptions {\n return
(<AbstractControlOptions>options).asyncValidators !== undefined ||\n
(<AbstractControlOptions>options).validators !== undefined ||\n
(<AbstractControlOptions>options).updateOn
!== undefined;\n}\n\n/**\n * @description\n * Creates an `AbstractControl` from a user-specified configuration.\n
*\n * The `FormBuilder` provides syntactic sugar that shortens creating instances of a `FormControl`,\n *
`FormGroup`, or `FormArray`. It reduces the amount of boilerplate needed to build complex\n * forms.\n *\n *
@see [Reactive Forms Guide](/guide/reactive-forms)\n *\n * @publicApi\n */\n\n@Injectable()\nexport class
FormBuilder {\n /**\n * @description\n * Construct a new `FormGroup` instance.\n *\n * @param
controlsConfig A collection of child controls. The key for each child is the name\n * under which it is registered.\n
*\n * @param options Configuration options object for the `FormGroup`. The object can\n * have two shapes:\n
*\n * 1) `AbstractControlOptions` object (preferred), which consists of:\n * * `validators`: A synchronous
validator function, or an array of validator functions\n * * `asyncValidators`: A single async validator or array of
async validator functions\n * * `updateOn`: The event upon which the control should be updated (options: 'change'
| 'blur' | \n * submit')\n *\n * 2) Legacy configuration object, which consists of:\n * * `validator`: A synchronous
validator function, or an array of validator functions\n * * `asyncValidator`: A single async validator or array of

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async validator functions\n * \n * \n group(\n  controlsConfig: {[key: string]: any},\n  options:
AbstractControlOptions|{[key: string]: any}|null = null): FormGroup {\n  const controls =
this._reduceControls(controlsConfig);\n\n  let validators: ValidatorFn|ValidatorFn[]|null = null;\n  let
asyncValidators: AsyncValidatorFn|AsyncValidatorFn[]|null = null;\n  let updateOn: FormHooks|undefined =
undefined;\n\n  if (options != null) {\n    if (isAbstractControlOptions(options)) {\n      // `options` are
`AbstractControlOptions`\n      validators = options.validators != null ? options.validators : null;\n
asyncValidators = options.asyncValidators != null ? options.asyncValidators : null;\n      updateOn =
options.updateOn != null ? options.updateOn : undefined;\n    } else {\n      // `options` are legacy form group
options\n      validators = options['validator'] != null ? options['validator'] : null;\n      asyncValidators =
options['asyncValidator'] != null ? options['asyncValidator'] : null;\n    }\n  }\n\n  return new
FormGroup(controls, {asyncValidators, updateOn, validators});\n }\n\n /**\n  * @description\n  * Construct a
new `FormControl` with the given state, validators and options.\n  * \n  * @param formState Initializes the control
with an initial state value, or\n  * with an object that contains both a value and a disabled status.\n  * \n  * @param
validatorOrOpts A synchronous validator function, or an array of\n  * such functions, or an
`AbstractControlOptions` object that contains\n  * validation functions and a validation trigger.\n  * \n  * @param
asyncValidator A single async validator or array of async validator\n  * functions.\n  * \n  * @usageNotes\n  * \n
* ### Initialize a control as disabled\n  * \n  * The following example returns a control with an initial value in a
disabled state.\n  * \n  * <code-example path="forms/ts/formBuilder/form_builder_example.ts" region="disabled-
control">\n  * </code-example>\n  * \n  * control(\n    formState: any, validatorOrOpts?:
ValidatorFn|ValidatorFn[]|AbstractControlOptions|null,\n    asyncValidator?:
AsyncValidatorFn|AsyncValidatorFn[]|null): FormControl {\n    return new FormControl(formState,
validatorOrOpts, asyncValidator);\n  }\n\n  /**\n  * Constructs a new `FormArray` from the given array of
configurations,\n  * validators and options.\n  * \n  * @param controlsConfig An array of child controls or control
configs. Each\n  * child control is given an index when it is registered.\n  * \n  * @param validatorOrOpts A
synchronous validator function, or an array of\n  * such functions, or an `AbstractControlOptions` object that
contains\n  * validation functions and a validation trigger.\n  * \n  * @param asyncValidator A single async
validator or array of async validator\n  * functions.\n  * \n  * array(\n    controlsConfig: any[],\n
validatorOrOpts?: ValidatorFn|ValidatorFn[]|AbstractControlOptions|null,\n    asyncValidator?:
AsyncValidatorFn|AsyncValidatorFn[]|null): FormArray {\n    const controls = controlsConfig.map(c =>
this._createControl(c));\n    return new FormArray(controls, validatorOrOpts, asyncValidator);\n  }\n\n  /**
@internal *\n  _reduceControls(controlsConfig: {[k: string]: any}): {[key: string]: AbstractControl} {\n    const
controls: {[key: string]: AbstractControl} = {};\n    Object.keys(controlsConfig).forEach(controlName => {\n
controls[controlName] = this._createControl(controlsConfig[controlName]);\n    });\n    return controls;\n  }\n\n  /**
@internal *\n  _createControl(controlConfig: any): AbstractControl {\n    if (controlConfig instanceof FormControl
|| controlConfig instanceof FormGroup ||\n    controlConfig instanceof FormArray) {\n    return
controlConfig;\n    } else if (Array.isArray(controlConfig)) {\n    const value = controlConfig[0];\n    const
validator: ValidatorFn = controlConfig.length > 1 ? controlConfig[1] : null;\n    const asyncValidator:
AsyncValidatorFn = controlConfig.length > 2 ? controlConfig[2] : null;\n    return this.control(value, validator,
asyncValidator);\n    } else {\n    return this.control(controlConfig);\n    }\n  }\n\n  /**\n  * @license\n  *
Copyright Google Inc. All Rights Reserved.\n  * \n  * Use of this source code is governed by an MIT-style license that
can be\n  * found in the LICENSE file at https://angular.io/license\n  * \n\n  /**\n  * @module\n  * @description\n  *
Entry point for all public APIs of the common package.\n  * \n\n  import {Version} from '@angular/core';\n\n  /**\n  *
@publicApi\n  * \n  * export const VERSION = new Version('9.0.7');\n  * \n  * @license\n  * Copyright Google Inc.
All Rights Reserved.\n  * \n  * Use of this source code is governed by an MIT-style license that can be\n  * found in
the LICENSE file at https://angular.io/license\n  * \n\n  import {ModuleWithProviders, NgModule} from
'@angular/core';\n  import {InternalFormsSharedModule, NG_MODEL_WITH_FORM_CONTROL_WARNING,
REACTIVE_DRIVEN_DIRECTIVES, TEMPLATE_DRIVEN_DIRECTIVES} from './directives';\n  import
{RadioControlRegistry} from './directives/radio_control_value_accessor';\n  import {FormBuilder} from

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./form_builder';\n\n/**\n * Exports the required providers and directives for template-driven forms,\n * making them available for import by NgModules that import this module.\n * @see [Forms Guide](/guide/forms)\n *\n * @publicApi\n */\n@NgModule({\n  declarations: TEMPLATE_DRIVEN_DIRECTIVES,\n  providers: [RadioControlRegistry],\n  exports: [InternalFormsSharedModule,\n    TEMPLATE_DRIVEN_DIRECTIVES]\n})\nexport class FormsModule {\n}\n\n/**\n * Exports the required infrastructure and directives for reactive forms,\n * making them available for import by NgModules that import this module.\n * @see [Forms](guide/reactive-forms)\n *\n * @see [Reactive Forms Guide](/guide/reactive-forms)\n *\n * @publicApi\n */\n@NgModule({\n  declarations: [REACTIVE_DRIVEN_DIRECTIVES],\n  providers: [FormBuilder, RadioControlRegistry],\n  exports: [InternalFormsSharedModule,\n    REACTIVE_DRIVEN_DIRECTIVES]\n})\nexport class ReactiveFormsModule {\n  /**\n   * @description\n   * Provides options for configuring the reactive forms module.\n   *\n   * @param opts An object of configuration options\n   * * `warnOnNgModelWithFormControl` Configures when to emit a warning when an `ngModel`\n   * binding is used with reactive form directives.\n   *\n   * @static withConfig(opts: {\n   *   /** @deprecated as of v6 */\n   *   warnOnNgModelWithFormControl: 'never' | 'once' | 'always'\n   * }): ModuleWithProviders<ReactiveFormsModule>\n   *\n   * @return {\n   *   ngModule: ReactiveFormsModule,\n   *   providers: [{\n   *     provide: NG_MODEL_WITH_FORM_CONTROL_WARNING,\n   *     useValue: opts.warnOnNgModelWithFormControl\n   *   }]\n   *   }\n   * }\n   */\n  /**\n   * @license\n   * Copyright Google Inc. All Rights Reserved.\n   *\n   * Use of this source code is governed by an MIT-style license that can be\n   * found in the LICENSE file at https://angular.io/license\n   *\n   * @module\n   * @description\n   * This module is used for handling user input, by defining and building a `FormGroup` that\n   * consists of `FormControl` objects, and mapping them onto the DOM. `FormControl`\n   * objects can then be used to read information from the form DOM elements.\n   *\n   * Forms providers are not included in default providers; you must import these providers\n   * explicitly.\n   */\n  export {InternalFormsSharedModule} from './directives';\n  export {AbstractControlDirective} from './directives/abstract_control_directive';\n  export {AbstractFormGroupDirective} from './directives/abstract_form_group_directive';\n  export {CheckboxControlValueAccessor} from './directives/checkbox_value_accessor';\n  export {ControlContainer} from './directives/control_container';\n  export {ControlValueAccessor, NG_VALUE_ACCESSOR} from './directives/control_value_accessor';\n  export {COMPOSITION_BUFFER_MODE, DefaultValueAccessor} from './directives/default_value_accessor';\n  export {Form} from './directives/form_interface';\n  export {NgControl} from './directives/ng_control';\n  export {NgControlStatus, NgControlStatusGroup} from './directives/ng_control_status';\n  export {NgForm} from './directives/ng_form';\n  export {NgModel} from './directives/ng_model';\n  export {NgModelGroup} from './directives/ng_model_group';\n  export {NgNoValidate} from './directives/ng_no_validate_directive';\n  export {NumberValueAccessor} from './directives/number_value_accessor';\n  export {RadioControlValueAccessor} from './directives/radio_control_value_accessor';\n  export {RangeValueAccessor} from './directives/range_value_accessor';\n  export {FormControlDirective} from './directives/reactive_directives/form_control_directive';\n  export {FormControlName} from './directives/reactive_directives/form_control_name';\n  export {FormGroupDirective} from './directives/reactive_directives/form_group_directive';\n  export {FormArrayName} from './directives/reactive_directives/form_group_name';\n  export {FormGroupName} from './directives/reactive_directives/form_group_name';\n  export {NgSelectOption, SelectControlValueAccessor} from './directives/select_control_value_accessor';\n  export {SelectMultipleControlValueAccessor} from './directives/select_multiple_control_value_accessor';\n  export {NgSelectMultipleOption} from './directives/select_multiple_control_value_accessor';\n  export {AsyncValidator, AsyncValidatorFn, CheckboxRequiredValidator, EmailValidator, MaxLengthValidator, MinLengthValidator, PatternValidator, RequiredValidator, ValidationErrors, Validator, ValidatorFn} from './directives/validators';\n  export {FormBuilder} from './form_builder';\n  export {AbstractControl, AbstractControlOptions, FormArray, FormControl, FormGroup} from './model';\n  export {NG_ASYNC_VALIDATORS, NG_VALIDATORS, Validators} from './validators';\n  export {VERSION} from './version';\n  export * from './form_providers';\n}\n\n/**\n * @license\n * Copyright Google Inc. 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```

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 * @module * @description
 Entry point for all public APIs of this package.
 * from './src/forms';
 // This file only reexports content of the `src` folder. Keep it that way.
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license
 * This file is not used to build this module. It is only used during editing by the TypeScript language service and during build for verification.
 `ngc` replaces this file with production index.ts when it rewrites private symbol names.
 * from './public_api';
 * Generated bundle index. Do not edit.
 * from './index';
 * { InternalFormsSharedModule as angular_packages_forms_forms_d, REACTIVE_DRIVEN_DIRECTIVES as angular_packages_forms_forms_c, SHARED_FORM_DIRECTIVES as angular_packages_forms_forms_a, TEMPLATE_DRIVEN_DIRECTIVES as angular_packages_forms_forms_b } from './src/directives';
 * { CHECKBOX_VALUE_ACCESSOR as angular_packages_forms_forms_e } from './src/directives/checkbox_value_accessor';
 * { DEFAULT_VALUE_ACCESSOR as angular_packages_forms_forms_f } from './src/directives/default_value_accessor';
 * { AbstractControlStatus as angular_packages_forms_forms_g, FormControlStatusHost as angular_packages_forms_forms_h } from './src/directives/ng_control_status';
 * { formDirectiveProvider as angular_packages_forms_forms_i } from './src/directives/ng_form';
 * { FormControlBinding as angular_packages_forms_forms_j } from './src/directives/ng_model';
 * { modelGroupProvider as angular_packages_forms_forms_k } from './src/directives/ng_model_group';
 * { NgNoValidate as angular_packages_forms_forms_y } from './src/directives/ng_no_validate_directive';
 * { NUMBER_VALUE_ACCESSOR as angular_packages_forms_forms_l } from './src/directives/number_value_accessor';
 * { RADIO_VALUE_ACCESSOR as angular_packages_forms_forms_m, RadioControlRegistry as angular_packages_forms_forms_n } from './src/directives/radio_control_value_accessor';
 * { RANGE_VALUE_ACCESSOR as angular_packages_forms_forms_o } from './src/directives/range_value_accessor';
 * { NG_MODEL_WITH_FORM_CONTROL_WARNING as angular_packages_forms_forms_p, FormControlBinding as angular_packages_forms_forms_q } from './src/directives/reactive_directives/form_control_directive';
 * { controlNameBinding as angular_packages_forms_forms_r } from './src/directives/reactive_directives/form_control_name';
 * { formDirectiveProvider as angular_packages_forms_forms_s } from './src/directives/reactive_directives/form_group_directive';
 * { formArrayNameProvider as angular_packages_forms_forms_u, formGroupNameProvider as angular_packages_forms_forms_t } from './src/directives/reactive_directives/form_group_name';
 * { SELECT_VALUE_ACCESSOR as angular_packages_forms_forms_v } from './src/directives/select_control_value_accessor';
 * { NgSelectMultipleOption as angular_packages_forms_forms_x, SELECT_MULTIPLE_VALUE_ACCESSOR as angular_packages_forms_forms_w } from './src/directives/select_multiple_control_value_accessor';
 * { CHECKBOX_REQUIRED_VALIDATOR as angular_packages_forms_forms_ba, EMAIL_VALIDATOR as angular_packages_forms_forms_bb, MAX_LENGTH_VALIDATOR as angular_packages_forms_forms_bd, MIN_LENGTH_VALIDATOR as angular_packages_forms_forms_bc, PATTERN_VALIDATOR as angular_packages_forms_forms_be, REQUIRED_VALIDATOR as angular_packages_forms_forms_z } from './src/directives/validators';
 * "names": ["getDOM", "isPromise", "isObservable", "Examples", "looseIdentical", "_buildValueString", "_extractId", "resolvedPromise", "formControlBinding", "formDirectiveProvider", "NgNoValidate", "NgSelectMultipleOption", "InternalFormsSharedModule"], "mappings": ";;;;;;;;;AAAA;;;;;;;;;AAQA,AA6HA;;;;;;;;;AAOA,IAAa,iBAAiB,GAAG,IAAI,cAAc,CAAuB,iBAAiB,CAAC;;AC5I5F;;;;;;;;;IAYa,uBAAuB,GAAQ;IAC1C,OAAO,EAAE,iBAAiB;IAC1B,WAAW,EAAE,UAAU,CAAC,cAAM,OAAA,4BAA4B,GAAA,CAAC;IAC3D,KAAK,EA AE,IAAI;CACZ,CAAC;;;;;;;;;AA+BF;IAAe,sCAAoB,SAAoB,EAAU,WAAuB;QAARd,cAAS,GAAT,S

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No license file was found, but licenses were detected in source scan.

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sourcesContent:["/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\nimport {InjectionToken} from '@angular/core';\n\n**\n * @description\n * Defines an interface that acts as a bridge between the Angular forms API and a\n * native element in the DOM.\n *\n * Implement this interface to create a custom form control directive\n * that integrates with Angular forms.\n *\n * @see DefaultValueAccessor\n *\n * @publicApi\n */\nexport interface ControlValueAccessor {\n /**\n * @description\n * Writes a new value to the element.\n *\n * This method is called by the forms API to write to the view when programmatic\n * changes from model to view are requested.\n *\n * @usageNotes\n * ### Write a value to the element\n *\n * The following example writes a value to the native DOM element.\n *\n * ```ts\n * writeValue(value: any): void {\n * this._renderer.setProperty(this._elementRef.nativeElement, 'value', value);\n * }\n * ```\n *\n * @param obj The new value for the element\n *\n * writeValue(obj: any): void;\n\n /**\n * @description\n * Registers a callback function that is called when the control's value\n * changes in the UI.\n *\n * This method is called by the forms API on initialization to update the form\n * model when values propagate from the view to the model.\n *\n * When implementing the `registerOnChange` method in your own value accessor,\n * save the given function so your class calls it at the appropriate time.\n *\n * @usageNotes\n * ### Store the change function\n *\n * The following example stores the provided function as an internal method.\n *\n * ```ts\n * registerOnChange(fn: (.: any) => void): void {\n * this._onChange = fn;\n * }\n * ```\n *\n * When the value changes in the UI, call the registered\n * function to allow the forms API to update itself:\n *\n * ```ts\n * host: {\n * '(change)': '_onChange($event.target.value)'\n * }\n * ```\n *\n * @param fn The callback function to register\n *\n * registerOnChange(fn: any): void;\n\n /**\n * @description\n * Registers a callback function is called by the forms API on initialization\n * to update the form model on blur.\n *\n * When implementing `registerOnTouched` in your own value accessor, save the given\n * function so your class calls it when the control should be considered\n * blurred or \"touched\".\n *\n * @usageNotes\n * ### Store the callback function\n *\n * The following example stores the provided function as an internal method.\n *\n * ```ts\n * registerOnTouched(fn: any): void {\n * this._onTouched = fn;\n * }\n * ```\n *\n * On blur (or equivalent), your class should call the registered function to allow\n * the forms API to update itself:\n *\n * ```ts\n * host: {\n * '(blur)': '_onTouched()'\n * }\n * ```\n *\n * @param fn The callback function to register\n *\n * registerOnTouched(fn: any): void;\n\n /**\n * @description\n * Function that is called by the forms API when the control status changes to\n * or from 'DISABLED'. Depending on the status, it enables or disables the\n * appropriate DOM element.\n *\n * @usageNotes\n * The following is an example of writing the disabled property to a native DOM element:\n *\n * ```ts\n * setDisabledState(isDisabled: boolean): void {\n * this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n * }\n * ```\n *\n * @param isDisabled The disabled status to set on the element\n *\n * setDisabledState?(isDisabled: boolean): void;\n\n /**\n * Used to provide a `ControlValueAccessor` for form controls.\n *\n * See

```

```

`DefaultValueAccessor` for how to implement one.\n *\n * @publicApi\n *\nexport const
NG_VALUE_ACCESSOR = new InjectionToken<ControlValueAccessor>('NgValueAccessor');\n", "/*\n *
@license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nimport {Directive,
ElementRef, Renderer2, forwardRef} from '@angular/core';\nimport {ControlValueAccessor,
NG_VALUE_ACCESSOR} from './control_value_accessor';\n\nexport const CHECKBOX_VALUE_ACCESSOR:
any = {\n  provide: NG_VALUE_ACCESSOR,\n  useExisting: forwardRef(() =>
CheckboxControlValueAccessor),\n  multi: true,\n};\n\n/**\n * @description\n * A `ControlValueAccessor` for
writing a value and listening to changes on a checkbox input\n * element.\n * @usageNotes\n * ### Using a
checkbox with a reactive form.\n * The following example shows how to use a checkbox with a reactive form.\n
*\n * ```ts\n * const rememberLoginControl = new FormControl();\n * ```\n *\n * <input type="checkbox"\n
[formControl]="rememberLoginControl">\n *\n * @ngModule ReactiveFormsModule\n * @ngModule
FormsModule\n * @publicApi\n *\n@Directive({\n  selector:\n
'input[type=checkbox][formControlName],input[type=checkbox][formControl],input[type=checkbox][ngModel]',\n
host: {'(change)': 'onChange($event.target.checked)', '(blur)': 'onTouched()' },\n  providers:
[CHECKBOX_VALUE_ACCESSOR]})\n\nexport class CheckboxControlValueAccessor implements
ControlValueAccessor {\n  /**\n   * @description\n   * The registered callback function called when a change event
occurs on the input element.\n   *\n   * onChange = (_: any) => {};\n\n   /**\n   * @description\n   * The registered
callback function called when a blur event occurs on the input element.\n   *\n   * onTouched = () => {};\n\n
  constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {}\n\n   /**\n   * Sets the "checked"
property on the input element.\n   *\n   * @param value The checked value\n   *\n   * writeValue(value: any): void {\n
  this._renderer.setProperty(this._elementRef.nativeElement, 'checked', value);\n  }\n\n   /**\n   * @description\n
  * Registers a function called when the control value changes.\n   *\n   * @param fn The callback function\n   *\n
  registerOnChange(fn: (_: any) => {}): void { this.onChange = fn; }\n\n   /**\n   * @description\n   * Registers a
function called when the control is touched.\n   *\n   * @param fn The callback function\n   *\n
  registerOnTouched(fn: () => {}): void { this.onTouched = fn; }\n\n   /**\n   * Sets the "disabled" property on the
input element.\n   *\n   * @param isDisabled The disabled value\n   *\n   * setDisabledState(isDisabled: boolean):
void {\n  this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n  }\n}\n", "/*\n *
@license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nimport {ÉµgetDOM as
getDOM} from '@angular/common';\nimport {Directive, ElementRef, Inject, InjectionToken, Optional, Renderer2,
forwardRef} from '@angular/core';\nimport {ControlValueAccessor, NG_VALUE_ACCESSOR} from
'./control_value_accessor';\n\nexport const DEFAULT_VALUE_ACCESSOR: any = {\n  provide:
NG_VALUE_ACCESSOR,\n  useExisting: forwardRef(() => DefaultValueAccessor),\n  multi: true,\n};\n\n/**\n *
We must check whether the agent is Android because composition events\n * behave differently between iOS and
Android.\n *\nfunction _isAndroid(): boolean {\n  const userAgent = getDOM() ? getDOM().getUserAgent() : "";\n
  return /android (\\d+)/.test(userAgent.toLowerCase());\n}\n\n/**\n * @description\n * Provide this token to control
if form directives buffer IME input until\n * the "compositionend" event occurs.\n * @publicApi\n *\nexport
const COMPOSITION_BUFFER_MODE = new InjectionToken<boolean>('CompositionEventMode');\n\n/**\n *
@description\n * The default `ControlValueAccessor` for writing a value and listening to changes on input\n *
elements. The accessor is used by the `FormControlDirective`, `FormControlName`, and\n * `NgModel`
directives.\n *\n * @usageNotes\n * ### Using the default value accessor\n *\n * The following example shows
how to use an input element that activates the default value accessor\n * (in this case, a text field).\n *\n * ```ts\n
* const firstNameControl = new FormControl();\n * ```\n *\n * <input type="text"\n
[formControl]="firstNameControl">\n *\n * @ngModule ReactiveFormsModule\n * @ngModule
FormsModule\n * @publicApi\n *\n@Directive({\n  selector:\n
'input:not([type=checkbox])[formControlName],textarea[formControlName],input:not([type=checkbox])[formContr
ol],textarea[formControl],input:not([type=checkbox])[ngModel],textarea[ngModel],[ngDefaultControl]',\n //

```

TODO: vsavkin replace the above selector with the one below it once
<https://github.com/angular/angular/issues/3011> is implemented // selector:

```
[NgModel],[formControl],[formControlName],\n host: {\n '(input)':
'$any(this)._handleInput($event.target.value)',\n '(blur)': 'onTouched()',\n '(compositionstart)':
'$any(this)._compositionStart()',\n '(compositionend)': '$any(this)._compositionEnd($event.target.value)\n },\n providers: [DEFAULT_VALUE_ACCESSOR]\n})\nexport class DefaultValueAccessor implements
ControlValueAccessor {\n /**\n * @description\n * The registered callback function called when an input event
occurs on the input element.\n */\n onChange = (_: any) => {};\n /**\n * @description\n * The registered
callback function called when a blur event occurs on the input element.\n */\n onTouched = () => {};\n /**
Whether the user is creating a composition string (IME events).\n */\n private _composing = false;\n\n constructor(\n
private _renderer: Renderer2, private _elementRef: ElementRef,\n @Optional()
@Inject(COMPOSITION_BUFFER_MODE) private _compositionMode: boolean) {\n if (this._compositionMode
== null) {\n this._compositionMode = !_isAndroid();\n }\n }\n /**\n * Sets the `value` property on the
input element.\n */\n * @param value The checked value\n */\n writeValue(value: any): void {\n const
normalizedValue = value == null ? '' : value;\n this._renderer.setProperty(this._elementRef.nativeElement, 'value',
normalizedValue);\n }\n /**\n * @description\n * Registers a function called when the control value
changes.\n */\n * @param fn The callback function\n */\n registerOnChange(fn: (_: any) => void): void {\n
this.onChange = fn;\n }\n /**\n * @description\n * Registers a function called when the control is touched.\n
*/\n * @param fn The callback function\n */\n registerOnTouched(fn: () => void): void {\n this.onTouched = fn;\n
}\n /**\n * Sets the `disabled` property on the input element.\n */\n * @param isDisabled The disabled
value\n */\n setDisabledState(isDisabled: boolean): void {\n
this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n }\n\n /** @internal */\n
_handleInput(value: any): void {\n if (!this._compositionMode || (this._compositionMode && !this._composing))
{\n this.onChange(value);\n }\n }\n /** @internal */\n _compositionStart(): void {\n this._composing = true;\n
}\n /** @internal */\n _compositionEnd(value: any): void {\n this._composing = false;\n
this._compositionMode && this.onChange(value);\n }\n\n /**\n * @license\n * Copyright Google Inc. All
Rights Reserved.\n */\n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n\n\nimport {Observable} from 'rxjs';\nimport {AbstractControl} from
'./model';\nimport {ValidationErrors} from './validators';\n\n/**\n * @description\n * Base class for control
directives.\n */\n * This class is only used internally in the `ReactiveFormsModule` and the `FormsModule`.\n */\n *
@publicApi\n */\nexport abstract class AbstractControlDirective {\n /**\n * @description\n * A reference to the
underlying control.\n */\n * @returns the control that backs this directive. Most properties fall through to that
instance.\n */\n abstract get control(): AbstractControl|null;\n\n /**\n * @description\n * Reports the value of
the control if it is present, otherwise null.\n */\n get value(): any {\n return this.control ? this.control.value : null;\n
}\n\n /**\n * @description\n * Reports whether the control is valid. A control is considered valid if no\n *
validation errors exist with the current value.\n * If the control is not present, null is returned.\n */\n get valid():
boolean|null {\n return this.control ? this.control.valid : null;\n }\n\n /**\n * @description\n * Reports whether the
control is invalid, meaning that an error exists in the input value.\n * If the control is not present, null is returned.\n
*/\n get invalid(): boolean|null {\n return this.control ? this.control.invalid : null;\n }\n\n /**\n * @description\n *
Reports whether a control is pending, meaning that that async validation is occurring and\n * errors are not yet
available for the input value. If the control is not present, null is\n * returned.\n */\n get pending(): boolean|null {\n
return this.control ? this.control.pending : null;\n }\n\n /**\n * @description\n * Reports whether the control is
disabled, meaning that the control is disabled\n * in the UI and is exempt from validation checks and excluded
from aggregate\n * values of ancestor controls. If the control is not present, null is returned.\n */\n get disabled():
boolean|null {\n return this.control ? this.control.disabled : null;\n }\n\n /**\n * @description\n * Reports whether the
control is enabled, meaning that the control is included in ancestor\n * calculations of validity or value. If the
control is not present, null is returned.\n */\n get enabled(): boolean|null {\n return this.control ? this.control.enabled
: null;\n }\n\n /**\n * @description\n * Reports the control's validation errors. If the control is not present, null is
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    @description\n * The name for the control\n * ^\n // TODO(issue/24571): remove '!.\n name !: string | number |
    null;\n\n /**\n * @description\n * The top-level form directive for the control.\n * ^\n get formDirective():
    Form|null { return null; }\n\n /**\n * @description\n * The path to this group.\n * ^\n get path(): string[]|null {
    return null; }\n\n","/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * ^\n * Use of this source
    code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n
    * ^\n\nimport {AbstractControlDirective} from './abstract_control_directive';\nimport {ControlContainer} from
    './control_container';\nimport {ControlValueAccessor} from './control_value_accessor';\nimport {AsyncValidator,
    AsyncValidatorFn, Validator, ValidatorFn} from './validators';\n\nfunction unimplemented(): any {\n throw new
    Error('unimplemented');\n}\n\n/**\n * @description\n * A base class that all control `FormControl`-based directives
    extend. It binds a `FormControl`\n * object to a DOM element.\n * ^\n * @publicApi\n * ^\nexport abstract class
    NgControl extends AbstractControlDirective {\n /**\n * @description\n * The parent form for the control.\n * ^\n
    * @internal\n * ^\n _parent: ControlContainer|null = null;\n\n /**\n * @description\n * The name for the
    control\n * ^\n name: string|number|null = null;\n\n /**\n * @description\n * The value accessor for the
    control\n * ^\n valueAccessor: ControlValueAccessor|null = null;\n\n /**\n * @description\n * The uncomposed
    array of synchronous validators for the control\n * ^\n * @internal\n * ^\n _rawValidators:
    Array<Validator|ValidatorFn> = [];\n\n /**\n * @description\n * The uncomposed array of async validators for
    the control\n * ^\n * @internal\n * ^\n _rawAsyncValidators: Array<AsyncValidator|AsyncValidatorFn> = [];\n\n
    /**\n * @description\n * The registered synchronous validator function for the control\n * ^\n * @throws An
    exception that this method is not implemented\n * ^\n get validator(): ValidatorFn|null { return
    <ValidatorFn>unimplemented(); }\n\n /**\n * @description\n * The registered async validator function for the
    control\n * ^\n * @throws An exception that this method is not implemented\n * ^\n get asyncValidator():
    AsyncValidatorFn|null { return <AsyncValidatorFn>unimplemented(); }\n\n /**\n * @description\n * The
    callback method to update the model from the view when requested\n * ^\n * @param newValue The new value for
    the view\n * ^\n abstract viewToModelUpdate(newValue: any): void;\n\n","/**\n * @license\n * Copyright
    Google Inc. All Rights Reserved.\n * ^\n * Use of this source code is governed by an MIT-style license that can be\n
    * found in the LICENSE file at https://angular.io/license\n * ^\n\nimport {Directive, Self} from
    '@angular/core';\nimport {AbstractControlDirective} from './abstract_control_directive';\nimport
    {ControlContainer} from './control_container';\nimport {NgControl} from './ng_control';\n\nexport class
    AbstractControlStatus {\n private _cd: AbstractControlDirective;\n\n constructor(cd: AbstractControlDirective) {\n
    this._cd = cd; }\n\n get ngClassUntouched(): boolean { return this._cd.control ? this._cd.control.untouched : false;
    }\n\n get ngClassTouched(): boolean { return this._cd.control ? this._cd.control.touched : false; }\n\n get
    ngClassPristine(): boolean { return this._cd.control ? this._cd.control.pristine : false; }\n\n get ngClassDirty():
    boolean { return this._cd.control ? this._cd.control.dirty : false; }\n\n get ngClassValid(): boolean { return
    this._cd.control ? this._cd.control.valid : false; }\n\n get ngClassInvalid(): boolean { return this._cd.control ?
    this._cd.control.invalid : false; }\n\n get ngClassPending(): boolean { return this._cd.control ?
    this._cd.control.pending : false; }\n\n}\n\nexport const ngControlStatusHost = {\n '[class.ng-untouched]':
    'ngClassUntouched',\n '[class.ng-touched]': 'ngClassTouched',\n '[class.ng-pristine]': 'ngClassPristine',\n '[class.ng-
    dirty]': 'ngClassDirty',\n '[class.ng-valid]': 'ngClassValid',\n '[class.ng-invalid]': 'ngClassInvalid',\n '[class.ng-
    pending]': 'ngClassPending',\n};\n\n/**\n * @description\n * Directive automatically applied to Angular form
    controls that sets CSS classes\n * based on control status.\n * ^\n * @usageNotes\n * ^\n * ### CSS classes applied\n
    * ^\n * The following classes are applied as the properties become true:\n * ^\n * * ng-valid\n * * ng-invalid\n * * ng-
    pending\n * * ng-pristine\n * * ng-dirty\n * * ng-untouched\n * * ng-touched\n * ^\n * @ngModule
    ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n * ^\n@Directive({selector:
    '[formControlName],[ngModel],[formControl]', host: ngControlStatusHost}))\nexport class NgControlStatus extends
    AbstractControlStatus {\n constructor(@Self() cd: NgControl) { super(cd); }\n\n}\n\n/**\n * @description\n *
    Directive automatically applied to Angular form groups that sets CSS classes\n * based on control status
    (valid/invalid/dirty/etc).\n * ^\n * @see `NgControlStatus`\n * ^\n * @ngModule ReactiveFormsModule\n *
    @ngModule FormsModule\n * @publicApi\n * ^\n@Directive({\n selector:\n

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[formGroupName],[formArrayName],[ngModelGroup],[formGroup],form:not([ngNoForm]),[ngForm]'],\n host:
ngControlStatusHost)\n)\nexport class NgControlStatusGroup extends AbstractControlStatus {\n
constructor(@Self() cd: ControlContainer) { super(cd); }\n}"/*\n * @license\n * Copyright Google Inc. All
Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n *\n\nimport { InjectionToken, ÉµisObservable as isObservable,
ÉµisPromise as isPromise } from '@angular/core';\n\nimport { Observable, forkJoin, from } from 'rxjs';\n\nimport { map }
from 'rxjs/operators';\n\nimport { AsyncValidatorFn, ValidationErrors, Validator, ValidatorFn } from
'./directives/validators';\n\nimport { AbstractControl, FormControl } from './model';\n\nfunction
isEmptyInputValue(value: any): boolean {\n // we don't check for string here so it also works with arrays\n return
value == null || value.length === 0;\n}\n\n/**\n * @description\n * An `InjectionToken` for registering additional
synchronous validators used with `AbstractControl`s.\n *\n * @see `NG_ASYNC_VALIDATORS`\n *\n *
@usageNotes\n *\n * ### Providing a custom validator\n *\n * The following example registers a custom validator
directive. Adding the validator to the\n * existing collection of validators requires the `multi: true` option.\n *\n *
```typescript\n * @Directive({\n * selector: '[customValidator]',\n * providers: [{ provide: NG_VALIDATORS,
useExisting: CustomValidatorDirective, multi: true }]\n * })\n * class CustomValidatorDirective implements
Validator {\n * validate(control: AbstractControl): ValidationErrors | null {\n * return { 'custom': true }; }\n *
}\n * ```\n *\n * @publicApi\n */\n\nexport const NG_VALIDATORS = new
InjectionToken<Array<Validator|Function>>('NgValidators');\n\n/**\n * @description\n * An `InjectionToken` for
registering additional asynchronous validators used with `AbstractControl`s.\n *\n * @see `NG_VALIDATORS`\n *\n *
@publicApi\n */\n\nexport const NG_ASYNC_VALIDATORS =\n new
InjectionToken<Array<Validator|Function>>('NgAsyncValidators');\n\n/**\n * A regular expression that matches
valid e-mail addresses.\n *\n * At a high level, this regexp matches e-mail addresses of the format `local-part@tld`,
where:\n * - `local-part` consists of one or more of the allowed characters (alphanumeric and some\n * punctuation
symbols).\n * - `local-part` cannot begin or end with a period (`.`).\n * - `local-part` cannot be longer than 64
characters.\n * - `tld` consists of one or more `labels` separated by periods (`.`). For example `localhost` or\n *
`foo.com`.\n * - A `label` consists of one or more of the allowed characters (alphanumeric, dashes (``-``) and\n *
periods (``.``)).\n * - A `label` cannot begin or end with a dash (``-``) or a period (``.``)).\n * - A `label` cannot be longer
than 63 characters.\n * - The whole address cannot be longer than 254 characters.\n *\n * ## Implementation
background\n *\n * This regexp was ported over from AngularJS (see there for git history):\n *
https://github.com/angular/angular.js/blob/c133ef836/src/ng/directive/input.js#L27\n * It is based on the\n *
[WHATWG version](https://html.spec.whatwg.org/multipage/input.html#valid-e-mail-address) with\n * some
enhancements to incorporate more RFC rules (such as rules related to domain names and the\n * lengths of different
parts of the address). The main differences from the WHATWG version are:\n * - Disallow `local-part` to begin or
end with a period (``.``)).\n * - Disallow `local-part` length to exceed 64 characters.\n * - Disallow total address
length to exceed 254 characters.\n *\n * See [this commit](https://github.com/angular/angular.js/commit/f3f5cf72e)
for more details.\n */\n\nconst EMAIL_REGEXP =\n /^(?=.{1,254}$)(?=.{1,64}@)[a-zA-Z0-
9!#$%&'*/+=?^_`{|}~-]+(?:\\.[a-zA-Z0-9!#$%&'*/+=?^_`{|}~-]+)*@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-
9])?(?:\\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?)*$;\n\n/**\n * @description\n * Provides a set of built-in
validators that can be used by form controls.\n *\n * A validator is a function that processes a `FormControl` or
collection of\n * controls and returns an error map or null. A null map means that validation has passed.\n *\n *
@see [Form Validation](/guide/form-validation)\n *\n * @publicApi\n */\n\nexport class Validators {\n /**\n *
@description\n * Validator that requires the control's value to be greater than or equal to the provided number.\n *
The validator exists only as a function and not as a directive.\n *\n * @usageNotes\n *\n * ### Validate against
a minimum of 3\n *\n * ```typescript\n * const control = new FormControl(2, Validators.min(3));\n *\n * console.log(control.errors); // {min: {min: 3, actual: 2}}\n *\n * @returns A validator function that
returns an error map with the\n * `min` property if the validation check fails, otherwise `null`.\n *\n * @see
`updateValueAndValidity()`\n */\n\n static min(min: number): ValidatorFn {\n return (control:
AbstractControl): ValidationErrors | null => {\n if (isEmptyInputValue(control.value) ||

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isEmptyInputValue(min)) {\n return null; // don't validate empty values to allow optional controls\n }\n const value = parseFloat(control.value);\n // Controls with NaN values after parsing should be treated as not\n having a\n // minimum, per the HTML forms spec: https://www.w3.org/TR/html5/forms.html#attr-input-min\n return !isNaN(value) && value < min ? {'min': {'min': min, 'actual': control.value}} : null;\n };\n }\n /**\n * @description\n * Validator that requires the control's value to be less than or equal to the provided number.\n * The validator exists only as a function and not as a directive.\n *\n * @usageNotes\n *\n * ### Validate against a maximum of 15\n *\n * ```typescript\n * const control = new FormControl(16, Validators.max(15));\n *\n * console.log(control.errors); // {max: {max: 15, actual: 16}}\n * ```\n *\n * @returns A validator function that returns an error map with the\n * `max` property if the validation check fails, otherwise `null`.\n *\n * @see\n * `updateValueAndValidity()`\n *\n * ^/\n * static max(max: number): ValidatorFn {\n * return (control: AbstractControl): ValidationErrors | null => {\n * if (isEmptyInputValue(control.value) ||\n * isEmptyInputValue(max))\n * return null; // don't validate empty values to allow optional controls\n * }\n * const value = parseFloat(control.value);\n * // Controls with NaN values after parsing should be treated as not\n * having a\n * // maximum, per the HTML forms spec: https://www.w3.org/TR/html5/forms.html#attr-input-max\n * return !isNaN(value) && value > max ? {'max': {'max': max, 'actual': control.value}} : null;\n * };\n * }\n }\n /**\n * @description\n * Validator that requires the control have a non-empty value.\n *\n * @usageNotes\n *\n * ### Validate that the field is non-empty\n *\n * ```typescript\n * const control = new FormControl('',\n * Validators.required);\n *\n * console.log(control.errors); // {required: true}\n * ```\n *\n * @returns An error map with the `required` property\n * if the validation check fails, otherwise `null`.\n *\n * @see\n * `updateValueAndValidity()`\n *\n * ^/\n * static required(control: AbstractControl): ValidationErrors|null {\n * return isEmptyInputValue(control.value) ? {'required': true} : null;\n * }\n }\n /**\n * @description\n * Validator that requires the control's value be true. This validator is commonly\n * used for required checkboxes.\n *\n * @usageNotes\n *\n * ### Validate that the field value is true\n *\n * ```typescript\n * const control = new\n * FormControl('', Validators.requiredTrue);\n *\n * console.log(control.errors); // {required: true}\n * ```\n *\n * @returns An error map that contains the `required` property\n * set to `true` if the validation check fails, otherwise\n * `null`.\n *\n * @see\n * `updateValueAndValidity()`\n *\n * ^/\n * static requiredTrue(control: AbstractControl):\n * ValidationErrors|null {\n * return control.value === true ? null : {'required': true};\n * }\n }\n /**\n * @description\n * Validator that requires the control's value pass an email validation test.\n *\n * Tests the value using a [regular\n * expression](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Regular_Expressions)\n * pattern\n * suitable for common usecases. The pattern is based on the definition of a valid email\n * address in the\n * [WHATWG HTML specification](https://html.spec.whatwg.org/multipage/input.html#valid-e-mail-address)\n * with some enhancements to incorporate more RFC rules (such as rules related to domain names and\n * the lengths\n * of different parts of the address).\n *\n * The differences from the WHATWG version include:\n * - Disallow\n * `local-part` (the part before the `@` symbol) to begin or end with a period (`.`).\n * - Disallow `local-part` to be\n * longer than 64 characters.\n * - Disallow the whole address to be longer than 254 characters.\n *\n * If this\n * pattern does not satisfy your business needs, you can use `Validators.pattern()` to\n * validate the value against a\n * different pattern.\n *\n * @usageNotes\n *\n * ### Validate that the field matches a valid email pattern\n *\n * ```typescript\n * const control = new FormControl('bad@', Validators.email);\n *\n * console.log(control.errors); // {email: true}\n * ```\n *\n * @returns An error map with the `email` property\n * if the validation check fails, otherwise `null`.\n *\n * @see\n * `updateValueAndValidity()`\n *\n * ^/\n * static\n * email(control: AbstractControl): ValidationErrors|null {\n * if (isEmptyInputValue(control.value)) {\n * return\n * null; // don't validate empty values to allow optional controls\n * }\n * return EMAIL_REGEXP.test(control.value)\n * ? null : {'email': true};\n * }\n }\n /**\n * @description\n * Validator that requires the length of the control's value\n * to be greater than or equal\n * to the provided minimum length. This validator is also provided by default if you\n * use the\n * the HTML5 `minlength` attribute.\n *\n * @usageNotes\n *\n * ### Validate that the field has a\n * minimum of 3 characters\n *\n * ```typescript\n * const control = new FormControl('ng',\n * Validators.minLength(3));\n *\n * console.log(control.errors); // {minlength: {requiredLength: 3, actualLength:\n * 2}}\n * ```\n *\n * @returns A validator function that

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returns an error map with the `minlength` if the validation check fails, otherwise `null`.
@see `updateValueAndValidity()`
static minLength(minLength: number): ValidatorFn {
 return (control: AbstractControl): ValidationErrors | null => {
 if (isEmptyInputValue(control.value)) {
 return null; // don't validate empty values to allow optional controls
 }
 const length: number = control.value ? control.value.length : 0;
 return length < minLength ? { 'minlength': { 'requiredLength': minLength, 'actualLength': length } } : null;
 };
}
/**
 * @description
 * Validator that requires the length of the control's value to be less than or equal to the provided maximum length. This validator is also provided by default if you use the `maxlength` attribute.
 * @usageNotes
 * ### Validate that the field has maximum of 5 characters
 * ```typescript
 * const control = new FormControl('Angular', Validators.maxLength(5));
 * console.log(control.errors); // {maxlength: {requiredLength: 5, actualLength: 7}}
 * ```
 * @returns A validator function that returns an error map with the `maxlength` property if the validation check fails, otherwise `null`.
 * @see `updateValueAndValidity()`
 * static maxLength(maxLength: number): ValidatorFn {
 return (control: AbstractControl): ValidationErrors | null => {
 const length: number = control.value ? control.value.length : 0;
 return length > maxLength ? { 'maxlength': { 'requiredLength': maxLength, 'actualLength': length } } : null;
 };
}
/**
 * @description
 * Validator that requires the control's value to match a regex pattern. This validator is also provided by default if you use the HTML5 `pattern` attribute.
 * @usageNotes
 * ### Validate that the field only contains letters or spaces
 * ```typescript
 * const control = new FormControl('I', Validators.pattern('[a-zA-Z]*'));
 * console.log(control.errors); // {pattern: {requiredPattern: '^[a-zA-Z]*$', actualValue: 'I'}}
 * ```
 * @param pattern A regular expression to be used as is to test the values, or a string. If a string is passed, the `^` character is prepended and the `$` character is appended to the provided string (if not already present), and the resulting regular expression is used to test the values.
 * @returns A validator function that returns an error map with the `pattern` property if the validation check fails, otherwise `null`.
 * @see `updateValueAndValidity()`
 * static pattern(pattern: string|RegExp): ValidatorFn {
 if (!pattern) return Validators.nullValidator;
 let regex: RegExp;
 let regexStr: string;
 if (typeof pattern === 'string') {
 regexStr = `^${pattern}$`;
 if (pattern.charAt(0) !== '^') regexStr += '^';
 if (pattern.charAt(pattern.length - 1) !== '$') regexStr += '$';
 regex = new RegExp(regexStr);
 } else {
 regexStr = pattern.toString();
 regex = pattern;
 }
 return (control: AbstractControl): ValidationErrors | null => {
 if (isEmptyInputValue(control.value)) {
 return null; // don't validate empty values to allow optional controls
 }
 const value: string = control.value;
 return regex.test(value) ? null : { 'pattern': { 'requiredPattern': regexStr, 'actualValue': value } };
 };
}
/**
 * @description
 * Validator that performs no operation.
 * @see `updateValueAndValidity()`
 * static nullValidator(control: AbstractControl): ValidationErrors | null {
 return null;
}
/**
 * @description
 * Compose multiple validators into a single function that returns the union of the individual error maps for the provided control.
 * @returns A validator function that returns an error map with the merged error maps of the validators if the validation check fails, otherwise `null`.
 * @see `updateValueAndValidity()`
 * static compose(validators: null): null;
 * static compose(validators: (ValidatorFn|null|undefined)[]): ValidatorFn|null;
 * static compose(validators: (ValidatorFn|null|undefined)[]|null): ValidatorFn|null {
 if (!validators) return null;
 const presentValidators: ValidatorFn[] = validators.filter(isPresent) as any;
 if (presentValidators.length === 0) return null;
 return function(control: AbstractControl) {
 return _mergeErrors(_executeValidators(control, presentValidators));
 };
}
/**
 * @description
 * Compose multiple async validators into a single function that returns the union of the individual error objects for the provided control.
 * @returns A validator function that returns an error map with the merged error objects of the async validators if the validation check fails, otherwise `null`.
 * @see `updateValueAndValidity()`
 * static composeAsync(validators: (AsyncValidatorFn|null)[]): AsyncValidatorFn|null {
 if (!validators) return null;
 const presentValidators: AsyncValidatorFn[] = validators.filter(isPresent) as any;
 if (presentValidators.length === 0) return null;
}

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return function(control: AbstractControl) {\n const observables = _executeAsyncValidators(control,
presentValidators).map(toObservable);\n return forkJoin(observables).pipe(map(_mergeErrors));\n };\n
}\n}\n\nfunction isPresent(o: any): boolean {\n return o != null;\n}\n\nexport function toObservable(r: any):
Observable<any> {\n const obs = isPromise(r) ? from(r) : r;\n if (!(isObservable(obs))) {\n throw new
Error('Expected validator to return Promise or Observable.);\n }\n return obs;\n}\n\nfunction
_executeValidators(control: AbstractControl, validators: ValidatorFn[]): any[] {\n return validators.map(v =>
v(control));\n}\n\nfunction _executeAsyncValidators(control: AbstractControl, validators: AsyncValidatorFn[]):
any[] {\n return validators.map(v => v(control));\n}\n\nfunction _mergeErrors(arrayOfErrors: ValidationErrors[]):
ValidationErrors|null {\n let res: {[key: string]: any} = {};\n // Not using Array.reduce here due to a Chrome 80
bug\n // https://bugs.chromium.org/p/chromium/issues/detail?id=1049982\n arrayOfErrors.forEach((errors:
ValidationErrors | null) => {\n res = errors != null ? {...res!, ...errors} : res !;\n });\n return
Object.keys(res).length === 0 ? null : res;\n}\n\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n
*\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n */\n\nimport {AbstractControl} from './model';\nimport {AsyncValidator,
AsyncValidatorFn, Validator, ValidatorFn} from './validators';\n\nexport function normalizeValidator(validator:
ValidatorFn | Validator): ValidatorFn {\n if ((<Validator>validator).validate) {\n return (c: AbstractControl) =>
(<Validator>validator).validate(c);\n } else {\n return <ValidatorFn>validator;\n }\n}\n\nexport function
normalizeAsyncValidator(validator: AsyncValidatorFn | AsyncValidator):\n AsyncValidatorFn {\n if
((<AsyncValidator>validator).validate) {\n return (c: AbstractControl) =>
(<AsyncValidator>validator).validate(c);\n } else {\n return <AsyncValidatorFn>validator;\n }\n}\n\n"/**\n *
@license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport {Directive,
ElementRef, Renderer2, forwardRef} from '@angular/core';\nimport {ControlValueAccessor,
NG_VALUE_ACCESSOR} from './control_value_accessor';\n\nexport const NUMBER_VALUE_ACCESSOR:
any = {\n provide: NG_VALUE_ACCESSOR,\n useExisting: forwardRef(() => NumberValueAccessor),\n multi:
true\n};\n\n/**\n * @description\n * The `ControlValueAccessor` for writing a number value and listening to
number input changes.\n * The value accessor is used by the `FormControlDirective`, `FormControlName`, and
`NgModel`\n * directives.\n *\n * @usageNotes\n * ### Using a number input with a reactive form.\n *\n * The
following example shows how to use a number input with a reactive form.\n *\n * ```ts\n * const totalCountControl
= new FormControl();\n * ```\n *\n * ```\n * <input type="number" [formControl]=totalCountControl">\n * ```\n
*\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n */\n\n@Directive({\n selector:\n
'input[type=number][formControlName],input[type=number][formControl],input[type=number][ngModel]',\n host:\n
{\n '(change)': 'onChange($event.target.value)',\n '(input)': 'onChange($event.target.value)',\n '(blur)':
'onTouched()\n },\n providers: [NUMBER_VALUE_ACCESSOR]\n})\n\nexport class NumberValueAccessor
implements ControlValueAccessor {\n /**\n * @description\n * The registered callback function called when a
change or input event occurs on the input\n * element.\n *\n * @onChange = (_: any) => {};\n\n /**\n *
@description\n * The registered callback function called when a blur event occurs on the input element.\n *\n
*/\n onTouched = () => {};\n\n constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {\n\n
/**\n * Sets the "value" property on the input element.\n *\n * @param value The checked value\n */\n writeValue(value: number): void {\n // The value needs to be normalized for IE9, otherwise it is set to 'null' when
null\n const normalizedValue = value == null ? '' : value;\n\n this._renderer.setProperty(this._elementRef.nativeElement, 'value', normalizedValue);\n }\n\n /**\n *
@description\n * Registers a function called when the control value changes.\n *\n * @param fn The callback
function\n *\n * @registerOnChange(fn: (_: number|null) => void): void {\n this.onChange = (value) => { fn(value
== '' ? null : parseFloat(value)); }\n }\n\n /**\n * @description\n * Registers a function called when the control
is touched.\n *\n * @param fn The callback function\n *\n * @registerOnTouched(fn: () => void): void {\n this.onTouched = fn;\n }\n\n /**\n * Sets the "disabled" property on the input element.\n *\n * @param

```

```

isDisabled The disabled value\n
 */\n
 setDisabledState(isDisabled: boolean): void {\n
 this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n
 } }\n
"/**\n
 * @license\n
 * Copyright Google Inc. All Rights Reserved.\n
 * Use of this source code is governed by an MIT-style license that\n
 * can be\n
 * found in the LICENSE file at https://angular.io/license\n
 */\n
import { Directive, ElementRef, Injectable,\n
 Injector, Input, OnDestroy, OnInit, Renderer2, forwardRef } from '@angular/core';\n
import\n
 { ControlValueAccessor, NG_VALUE_ACCESSOR } from './control_value_accessor';\n
import { NgControl } from\n
 './ng_control';\n
export const RADIO_VALUE_ACCESSOR: any = {\n
 provide: NG_VALUE_ACCESSOR,\n
 useExisting: forwardRef(() => RadioControlValueAccessor),\n
 multi: true\n
};\n
/**\n
 * @description\n
 * Class\n
 used by Angular to track radio buttons. For internal use only.\n
 */\n
@Injectable()\n
export class\n
 RadioControlRegistry {\n
 private _accessors: any[] = [];\n
 /**\n
 * @description\n
 * Adds a control to the\n
 internal registry. For internal use only.\n
 */\n
 add(control: NgControl, accessor: RadioControlValueAccessor) {\n
 this._accessors.push([control, accessor]);\n
 }\n
 /**\n
 * @description\n
 * Removes a control from the internal\n
 registry. For internal use only.\n
 */\n
 remove(accessor: RadioControlValueAccessor) {\n
 for (let i =\n
 this._accessors.length - 1; i >= 0; --i) {\n
 if (this._accessors[i][1] === accessor) {\n
 this._accessors.splice(i,\n
 1);\n
 return;\n
 }\n
 }\n
 }\n
 /**\n
 * @description\n
 * Selects a radio button. For internal use only.\n
 */\n
 select(accessor: RadioControlValueAccessor) {\n
 this._accessors.forEach((c) => {\n
 if\n
 (this._isSameGroup(c, accessor) && c[1] !== accessor) {\n
 c[1].fireUncheck(accessor.value);\n
 }\n
 });\n
 }\n
 private _isSameGroup(\n
 controlPair: [NgControl, RadioControlValueAccessor],\n
 accessor:\n
 RadioControlValueAccessor): boolean {\n
 if (!controlPair[0].control) return false;\n
 return\n
 controlPair[0]._parent === accessor._control._parent &&\n
 controlPair[1].name === accessor.name;\n
 }\n
 }\n
 /**\n
 * @description\n
 * The `ControlValueAccessor` for writing radio control values and listening to radio\n
 control\n
 * changes. The value accessor is used by the `FormControlDirective`, `FormControlName`, and\n
 * `NgModel` directives.\n
 * @usageNotes\n
 * ### Using radio buttons with reactive form directives\n
 * The follow example shows how to use radio buttons in a reactive form. When using radio buttons in\n
 * a reactive\n
 form, radio buttons in the same group should have the same `formControlName`. Providing a `name` attribute is\n
 optional.\n
 * { @example forms/ts/reactiveRadioButtons/reactive_radio_button_example.ts region='Reactive' }\n
 * @ngModule ReactiveFormsModule\n
 * @ngModule FormsModule\n
 * @publicApi\n
 */\n
@Directive({\n
 selector:\n
 'input[type=radio][formControlName],input[type=radio][formControl],input[type=radio][ngModel]',\n
 host: {\n
 '(change)': 'onChange()',\n
 '(blur)': 'onTouched()',\n
 providers: [RADIO_VALUE_ACCESSOR]\n
 })\n
export\n
 class RadioControlValueAccessor implements ControlValueAccessor,\n
 OnDestroy, OnInit {\n
 /** @internal\n
 */\n
 // TODO(issue/24571): remove '!'.\n
 _state!: boolean;\n
 /** @internal\n
 */\n
 // TODO(issue/24571): remove\n
 '!'.\n
 _control!: NgControl;\n
 /** @internal\n
 */\n
 // TODO(issue/24571): remove\n
 '!'.\n
 _fn!: Function;\n
 /**\n
 * @description\n
 * The registered callback function called when a change event occurs on the input element.\n
 */\n
 onChange = () => {};\n
 /**\n
 * @description\n
 * The registered callback function called when a blur\n
 event occurs on the input element.\n
 */\n
 onTouched = () => {};\n
 /**\n
 * @description\n
 * Tracks the name of\n
 the radio input element.\n
 */\n
 // TODO(issue/24571): remove\n
 '!'.\n
 @Input() name!: string;\n
 /**\n
 * @description\n
 * Tracks the name of the `FormControl` bound to the directive. The name corresponds\n
 * to a\n
 key in the parent `FormGroup` or `FormArray`. \n
 */\n
 // TODO(issue/24571): remove\n
 '!'.\n
 @Input()\n
 formControlName!: string;\n
 /**\n
 * @description\n
 * Tracks the value of the radio input element\n
 */\n
 @Input() value: any;\n
 constructor(\n
 private _renderer: Renderer2, private _elementRef: ElementRef,\n
 private _registry: RadioControlRegistry, private _injector: Injector) {\n
 /**\n
 * @description\n
 * A lifecycle\n
 method called when the directive is initialized. For internal use only.\n
 */\n
 ngOnInit(): void {\n
 this._control =\n
 this._injector.get(NgControl);\n
 this._checkName();\n
 this._registry.add(this._control, this);\n
 }\n
 /**\n
 * @description\n
 * Lifecycle method called before the directive's instance is destroyed. For internal use only.\n
 */\n
 ngOnDestroy(): void {\n
 this._registry.remove(this);\n
 }\n
 /**\n
 * @description\n
 * Sets the `checked` property\n
 value on the radio input element.\n
 */\n
 * @param value The checked value\n
 */\n
 writeValue(value: any): void\n
 {\n
 this._state = value === this.value;\n
 this._renderer.setProperty(this._elementRef.nativeElement, 'checked',\n
 this._state);\n
 }\n
 /**\n
 * @description\n
 * Registers a function called when the control value changes.\n
 */\n

```

```

* @param fn The callback function\n */\n registerOnChange(fn: (_: any) => {}): void {\n this._fn = fn;\n this.onChange = () => {\n fn(this.value);\n this._registry.select(this);\n };\n }\n /**\n * Sets the \"value\"\n on the radio input element and unchecks it.\n *\n * @param value\n */\n fireUncheck(value: any): void {\n this.writeValue(value);\n }\n /**\n * @description\n * Registers a function called when the control is touched.\n *\n * @param fn The callback function\n */\n registerOnTouched(fn: () => {}): void {\n this.onTouched = fn;\n }\n /**\n * Sets the \"disabled\"\n property on the input element.\n *\n * @param isDisabled The disabled value\n */\n setDisabledState(isDisabled: boolean): void {\n this._renderer.setProperty(this._elementRef.nativeElement,\n 'disabled', isDisabled);\n }\n private _checkName(): void {\n if (this.name && this.formControlName &&\n this.name !== this.formControlName) {\n this._throwNameError();\n }\n if (!this.name &&\n this.formControlName) this.name = this.formControlName;\n }\n private _throwNameError(): void {\n throw\n new Error(`\n If you define both a name and a formControlName attribute on your radio button, their values\n must match. Ex: <input type=\"radio\" formControlName=\"food\" name=\"food\">\n `);\n }\n /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-\n style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n import {Directive,\n ElementRef, Renderer2, StaticProvider, forwardRef} from '@angular/core';\n import {ControlValueAccessor,\n NG_VALUE_ACCESSOR} from './control_value_accessor';\n export const RANGE_VALUE_ACCESSOR:\n StaticProvider = {\n provide: NG_VALUE_ACCESSOR,\n useExisting: forwardRef(() =>\n RangeValueAccessor),\n multi: true\n };
 /**\n * @description\n * The `ControlValueAccessor` for writing a\n range value and listening to range input changes.\n * The value accessor is used by the `FormControlDirective`,\n `FormControlName`, and `NgModel`\n * directives.\n *\n * @usageNotes\n *\n * ### Using a range input with a\n reactive form\n *\n * The following example shows how to use a range input with a reactive form.\n *\n * `ts`\n *\n const ageControl = new FormControl();\n ``\n *\n ``\n *\n <input type=\"range\"\n [formControl]=\"ageControl\">\n ``\n *\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n *\n * @publicApi\n */\n @Directive({\n selector:\n 'input[type=range][formControlName],input[type=range][formControl],input[type=range][ngModel]',\n host: {\n '(change)': 'onChange($event.target.value)',\n '(input)': 'onChange($event.target.value)',\n '(blur)':\n 'onTouched()',\n },\n providers: [RANGE_VALUE_ACCESSOR]\n })\n export class RangeValueAccessor\n implements ControlValueAccessor {\n /**\n * @description\n * The registered callback function called when a\n change or input event occurs on the input\n * element.\n */\n onChange = (_: any) => {};\n /**\n * @description\n * The registered callback function called when a blur event occurs on the input element.\n */\n onTouched = () => {};\n constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {\n }\n /**\n * Sets the \"value\"\n property on the input element.\n *\n * @param value The checked value\n */\n writeValue(value: any): void {\n this._renderer.setProperty(this._elementRef.nativeElement, 'value',\n parseFloat(value));\n }\n /**\n * @description\n * Registers a function called when the control value\n changes.\n *\n * @param fn The callback function\n */\n registerOnChange(fn: (_: number|null) => void): void {\n this.onChange = (value) => { fn(value === \" ? null : parseFloat(value)); };\n }\n /**\n * @description\n * Registers a function called when the control is touched.\n *\n * @param fn The callback function\n */\n registerOnTouched(fn: () => void): void {\n this.onTouched = fn;\n }\n /**\n * Sets the \"disabled\"\n property on the\n range input element.\n *\n * @param isDisabled The disabled value\n */\n setDisabledState(isDisabled:\n boolean): void {\n this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n }\n }\n /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is\n governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n export const FormErrorExamples = {\n formControlName: `\n <div [formGroup]=\"myGroup\">\n <input formControlName=\"firstName\">\n </div>\n In your class:\n \n this.myGroup = new FormGroup({\n firstName: new FormControl()\n });\n formGroupName: `\n <div [formGroup]=\"myGroup\">\n <div\n formGroupName=\"person\">\n <input formControlName=\"firstName\">\n </div>\n </div>\n In\n your class:\n \n this.myGroup = new FormGroup({\n person: new FormGroup({ firstName: new FormControl()\n })\n });\n formArrayName: `\n <div [formGroup]=\"myGroup\">\n <div formArrayName=\"cities\">\n `

```



```

<div *ngFor="let city of cityArray.controls; index as i">\n <input [formControlName]="i">\n
</div>\n </div>\n </div>\n\n In your class:\n\n this.cityArray = new FormArray([new
FormControl('SF')]);\n this.myGroup = new FormGroup({\n cities: this.cityArray\n });\n\n ngModelGroup:
\n <form>\n <div ngModelGroup="person">\n <input [(ngModel)]="person.name"\n
name="firstName">\n </div>\n </form>`,\n\n ngModelWithFormGroup: \n <div
[formGroup]="myGroup">\n <input formControlName="firstName">\n <input
[(ngModel)]="showMoreControls" [ngModelOptions]="{standalone: true}">\n </div>\n `};\n`,"/*\n *
@license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nimport
{FormErrorExamples as Examples} from './error_examples';\n\nexport class ReactiveErrors {\n static
controlParentException(): void {\n throw new Error(\n `formControlName must be used with a parent
formGroup directive. You'll want to add a FormGroup\n directive and pass it an existing FormGroup instance
(you can create one in your class).\n\n Example:\n\n ${Examples.formControlName}`);\n }\n static
ngModelGroupException(): void {\n throw new Error(\n `formControlName cannot be used with an
ngModelGroup parent. It is only compatible with parents\n that also have a "form" prefix: FormGroupName,
formArrayName, or FormGroup.\n\n Option 1: Update the parent to be FormGroupName (reactive form
strategy)\n\n ${Examples.formGroupName}\n\n Option 2: Use ngModel instead of formControlName
(template-driven strategy)\n\n ${Examples.ngModelGroup}`);\n }\n static missingFormException(): void {\n
throw new Error(`formGroup expects a FormGroup instance. Please pass one in.\n\n Example:\n\n
${Examples.formControlName}`);\n }\n static groupParentException(): void {\n throw new Error(\n
`formGroupName must be used with a parent FormGroup directive. You'll want to add a FormGroup\n directive
and pass it an existing FormGroup instance (you can create one in your class).\n\n Example:\n\n
${Examples.formGroupName}`);\n }\n static arrayParentException(): void {\n throw new Error(\n
`formArrayName must be used with a parent FormGroup directive. You'll want to add a FormGroup\n directive
and pass it an existing FormGroup instance (you can create one in your class).\n\n Example:\n\n
${Examples.formArrayName}`);\n }\n static disabledAttrWarning(): void {\n console.warn(`\n It looks like
you're using the disabled attribute with a reactive form directive. If you set disabled to true\n when you set up this
control in your component class, the disabled attribute will actually be set in the DOM for\n you. We recommend
using this approach to avoid 'changed after checked' errors.\n\n \n Example: \n form = new FormGroup({\n
 first: new FormControl({value: 'Nancy', disabled: true}, Validators.required),\n last: new
FormControl('Drew', Validators.required)\n });\n `);\n }\n static ngModelWarning(directiveName: string):
void {\n console.warn(`\n It looks like you're using ngModel on the same form field as ${directiveName}. \n
Support for using the ngModel input property and ngModelChange event with \n reactive form directives has been
deprecated in Angular v6 and will be removed \n in Angular v7.\n\n \n For more information on this, see our API
docs here:\n https://angular.io/api/forms/${directiveName} === 'formControl' ? 'FormControlDirective' \n
:
'FormControlName'}#use-with-ngmodel\n `);\n }\n`,"/*\n * @license\n * Copyright Google Inc. All Rights
Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n *\n\nimport {Directive, ElementRef, Host, Input, OnDestroy, Optional,
Renderer2, StaticProvider, forwardRef, ÉµlooseIdentical as looseIdentical} from '@angular/core';\n\nimport
{ControlValueAccessor, NG_VALUE_ACCESSOR} from './control_value_accessor';\n\nexport const
SELECT_VALUE_ACCESSOR: StaticProvider = {\n provide: NG_VALUE_ACCESSOR,\n useExisting:
forwardRef(() => SelectControlValueAccessor),\n multi: true\n};\n\nfunction _buildValueString(id: string | null,
value: any): string {\n if (id == null) return `${value}`;\n if (value && typeof value === 'object') value = 'Object';\n
return `${id}: ${value}`.slice(0, 50);\n}\n\nfunction _extractId(valueString: string): string {\n return
valueString.split(':')[0];\n}\n\n/*\n * @description\n * The `ControlValueAccessor` for writing select control
values and listening to select control\n * changes. The value accessor is used by the `FormControlDirective`,
`FormControlName`, and\n * `NgModel` directives.\n *\n * @usageNotes\n *\n * ### Using select controls in a
reactive form\n *\n * The following examples show how to use a select control in a reactive form.\n *\n *

```

```

{ @example forms/ts/reactiveSelectControl/reactive_select_control_example.ts region='Component'}\n *\n * ###
Using select controls in a template-driven form\n *\n * To use a select in a template-driven form, simply add an
`ngModel` and a `name`\n *\n * attribute to the main `` tag.\n *\n * { @example
forms/ts/selectControl/select_control_example.ts region='Component'}\n *\n * ### Customizing option selection\n
*\n * Angular uses object identity to select option. It's possible for the identities of items\n *\n * to change while the
data does not. This can happen, for example, if the items are produced\n *\n * from an RPC to the server, and that RPC
is re-run. Even if the data hasn't changed, the\n *\n * second response will produce objects with different identities.\n
*\n * To customize the default option comparison algorithm, `` supports `compareWith` input.\n *\n
`compareWith` takes a **function** which has two arguments: `option1` and `option2`.\n *\n * If `compareWith` is
given, Angular selects option by the return value of the function.\n *\n * ````\n *\n * const selectedCountriesControl =
new FormControl();\n *\n * ````\n *\n * ````\n *\n * <select [compareWith]="compareFn"
[formControl]="selectedCountriesControl">\n *\n * <option *ngFor="let country of countries"
[ngValue]="country">\n *\n * {{country.name}}\n *\n * </option>\n *\n * </select>\n *\n * compareFn(c1: Country,
c2: Country): boolean {\n *\n * return c1 && c2 ? c1.id === c2.id : c1 === c2;\n *\n * }\n *\n * ````\n *\n * **Note:** We
listen to the `change` event because `input` events aren't fired\n *\n * for selects in Firefox and IE:\n *\n *
https://bugzilla.mozilla.org/show_bug.cgi?id=1024350\n *\n *
https://developer.microsoft.com/en-us/microsoft-edge/platform/issues/4660045/\n
*\n * @ngModule ReactiveFormsModule\n *\n * @ngModule FormsModule\n *\n
* @publicApi\n *\n * @Directive({\n *\n * selector:\n
*\n * 'select:not([multiple])[formControlName],select:not([multiple])[formControl],select:not([multiple])[ngModel]',\n
*\n * host: {'(change)': 'onChange($event.target.value)', '(blur)': 'onTouched()' },\n *\n * providers:
*\n * [SELECT_VALUE_ACCESSOR]\n *})\n *\n * @export class SelectControlValueAccessor implements
*\n * ControlValueAccessor {\n *\n * value: any;\n *\n * /** @internal *\n *\n * _optionMap: Map<string, any> = new Map<string,
any>();\n *\n * /** @internal *\n *\n * _idCounter: number = 0;\n *\n * /**\n *\n * @description\n *\n * The registered callback
function called when a change event occurs on the input element.\n *\n * _onChange = (_: any) => {};\n *\n * /**\n *\n *
@description\n *\n * The registered callback function called when a blur event occurs on the input element.\n *\n * _onTouched = () => {};\n
*\n * /**\n *\n * @description\n *\n * Tracks the option comparison algorithm for tracking
identities when\n *\n * checking for changes.\n *\n * _input()\n *\n * set compareWith(fn: (o1: any, o2: any) => boolean)
{\n *\n * if (typeof fn !== 'function') {\n *\n * throw new Error(`compareWith must be a function, but received
*${JSON.stringify(fn)}`);\n *\n * }\n *\n * this._compareWith = fn;\n *\n * }\n *\n * private _compareWith: (o1: any, o2: any) =>
boolean = looseIdentical;\n *\n * constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {\n *\n * }\n *\n * /**\n *\n *
Sets the `value` property on the input element. The `selectedIndex`\n *\n * property is also set if an ID is
provided on the option element.\n *\n * @param value The checked value\n *\n * writeValue(value: any): void
{\n *\n * this.value = value;\n *\n * const id: string|null = this._getOptionId(value);\n *\n * if (id !== null) {\n *\n * this._renderer.setProperty(this._elementRef.nativeElement, 'selectedIndex', -1);\n
*\n * }\n *\n * const valueString =
*_buildValueString(id, value);\n *\n * this._renderer.setProperty(this._elementRef.nativeElement, 'value', valueString);\n
*\n * }\n *\n * /**\n *\n * @description\n *\n * Registers a function called when the control value changes.\n *\n * @param fn
*\n * The callback function\n *\n * registerOnChange(fn: (value: any) => any): void {\n *\n * this.onChange = (valueString:
string) => {\n *\n * this.value = this._getOptionValue(valueString);\n *\n * fn(this.value);\n *\n * }; \n *\n * }\n *\n * /**\n *\n *
@description\n *\n * Registers a function called when the control is touched.\n *\n * @param fn The callback
function\n *\n * registerOnTouched(fn: () => any): void {\n *\n * this.onTouched = fn; \n *\n * }\n *\n * /**\n *\n * Sets the `disabled`
property on the select input element.\n *\n * @param isDisabled The disabled value\n *\n * setDisabledState(isDisabled: boolean): void {\n *\n *
this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n *\n * }\n *\n * /** @internal *\n *\n *
_registerOption(): string {\n *\n * return (this._idCounter++).toString();\n *\n * }\n *\n * /** @internal *\n *\n *
_getOptionId(value: any): string|null {\n *\n * for (const id of
*\n * Array.from(this._optionMap.keys())) {\n *\n * if (this._compareWith(this._optionMap.get(id), value)) return id;\n
*\n * }\n *\n * return null;\n *\n * }\n *\n * /** @internal *\n *\n *
_getOptionValue(valueString: string): any {\n *\n * const id: string =
*_extractId(valueString);\n *\n * return this._optionMap.has(id) ? this._optionMap.get(id) : valueString;\n *\n * }\n *\n * }\n *\n * /**\n *\n *
@description\n *\n * Marks `` as dynamic, so Angular can be notified when options change.\n *\n * @see

```

```

`SelectControlValueAccessor`\n *\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n *
 * @publicApi\n *\n @Directive({selector: 'option'})\nexport class NgSelectOption implements OnDestroy {\n /**\n * @description\n * ID of the option element\n *\n // TODO(issue/24571): remove '!.\n id !: string;\n\n constructor(\n private _element: ElementRef, private _renderer: Renderer2,\n @Optional() @Host() private
_select: SelectControlValueAccessor) {\n if (this._select) this.id = this._select._registerOption();\n }\n\n /**\n * @description\n * Tracks the value bound to the option element. Unlike the value binding,\n * ngValue supports
binding to objects.\n *\n @Input('ngValue')\n set ngValue(value: any) {\n if (this._select === null) return;\n this._select._optionMap.set(this.id, value);\n this._setElementValue(_buildValueString(this.id, value));\n this._select.writeValue(this._select.value);\n }\n\n /**\n * @description\n * Tracks simple string values bound to
the option element.\n * For objects, use the `ngValue` input binding.\n *\n @Input('value')\n set value(value:
any) {\n this._setElementValue(value);\n if (this._select) this._select.writeValue(this._select.value);\n }\n\n /**
 * @internal *\n _setElementValue(value: string): void {\n this._renderer.setProperty(this._element.nativeElement,
'value', value);\n }\n\n /**\n * @description\n * Lifecycle method called before the directive's instance is
destroyed. For internal use only.\n *\n ngOnDestroy(): void {\n if (this._select) {\n
this._select._optionMap.delete(this.id);\n this._select.writeValue(this._select.value);\n }\n }\n\n /**\n *
 * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nimport {Directive,
ElementRef, Host, Input, OnDestroy, Optional, Renderer2, StaticProvider, forwardRef, ÉµlooseIdentical as
looseIdentical} from '@angular/core';\n\nimport {ControlValueAccessor, NG_VALUE_ACCESSOR} from
 './control_value_accessor';\n\nexport const SELECT_MULTIPLE_VALUE_ACCESSOR: StaticProvider = {\n
provide: NG_VALUE_ACCESSOR,\n useExisting: forwardRef(() => SelectMultipleControlValueAccessor),\n
multi: true;\n};\n\nfunction _buildValueString(id: string, value: any): string {\n if (id == null) return `${value}`;\n if
(typeof value === 'string') value = `${value}`;\n if (value && typeof value === 'object') value = 'Object';\n return
`${id}: ${value}`.slice(0, 50);\n}\n\nfunction _extractId(valueString: string): string {\n return
valueString.split(':')[0];\n}\n\n/** Mock interface for HTML Options *\ninterface HTMLOption {\n value:
string;\n selected: boolean;\n}\n\n/** Mock interface for HTMLCollection *\nabstract class HTMLCollection {\n
// TODO(issue/24571): remove '!.\n length !: number;\n abstract item(_: number): HTMLOption;\n}\n\n/**\n *
 * @description\n * The `ControlValueAccessor` for writing multi-select control values and listening to multi-select
control\n * changes. The value accessor is used by the `FormControlDirective`, `FormControlName`, and
`NgModel`\n * directives.\n *\n *\n * @see `SelectControlValueAccessor`\n *\n *\n * @usageNotes\n *\n *\n * ### Using a
multi-select control\n *\n *\n * The follow example shows you how to use a multi-select control with a reactive form.\n
*\n *\n * ```ts\n * const countryControl = new FormControl();\n * ```\n *\n * ```\n * <select multiple
name="countries" [formControl]="countryControl">\n * <option *ngFor="let country of countries"\n *
[ngValue]="country">\n * {{ country.name }}\n * </option>\n * </select>\n * ```\n *\n * ### Customizing
option selection\n *\n *\n * To customize the default option comparison algorithm, `<select>` supports `compareWith`
input.\n * See the `SelectControlValueAccessor` for usage.\n *\n *\n * @ngModule ReactiveFormsModule\n *
 * @ngModule FormsModule\n * @publicApi\n *\n @Directive({\n selector:\n
'select[multiple][formControlName],select[multiple][formControl],select[multiple][ngModel]',\n host: {'(change)':
'onChange($event.target)', '(blur)': 'onTouched()'},\n providers:
[SELECT_MULTIPLE_VALUE_ACCESSOR]})\nexport class SelectMultipleControlValueAccessor implements
ControlValueAccessor {\n /**\n * @description\n * The current value\n *\n value: any;\n\n /** @internal *\n
_optionMap: Map<string, ÉµNgSelectMultipleOption> = new Map<string, ÉµNgSelectMultipleOption>);\n /**
 * @internal *\n _idCounter: number = 0;\n\n /**\n * @description\n * The registered callback function called
when a change event occurs on the input element.\n *\n onChange = (_: any) => {};\n\n /**\n * @description\n
 * The registered callback function called when a blur event occurs on the input element.\n *\n onTouched = () =>
{};\n\n /**\n * @description\n * Tracks the option comparison algorithm for tracking identities when\n *
checking for changes.\n *\n @Input()\n set compareWith(fn: (o1: any, o2: any) => boolean) {\n if (typeof fn
!:= 'function') {\n throw new Error(`compareWith must be a function, but received ${JSON.stringify(fn)}`);\n

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}\n this._compareWith = fn;\n }\n\n private _compareWith: (o1: any, o2: any) => boolean = looseIdentical;\n\n constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {\n\n /**\n * @description\n * Sets the \"value\" property on one or of more\n * of the select's options.\n *\n * @param value The value\n */\n writeValue(value: any): void {\n this.value = value;\n let optionSelectedStateSetter: (opt: ÉµNgSelectMultipleOption, o: any) => void;\n if (Array.isArray(value)) {\n // convert values to ids\n const ids = value.map((v) => this._getOptionId(v));\n optionSelectedStateSetter = (opt, o) => {\n opt._setSelected(ids.indexOf(o.toString()) > -1); }\n } else {\n optionSelectedStateSetter = (opt, o) => {\n opt._setSelected(false); }\n }\n this._optionMap.forEach(optionSelectedStateSetter);\n }\n\n /**\n * @description\n * Registers a function called when the control value changes\n * and writes an array of the selected options.\n *\n * @param fn The callback function\n */\n registerOnChange(fn: (value: any) => any): void {\n this.onChange = (_: any) => {\n const selected: Array<any> = [];\n if (_.hasOwnProperty('selectedOptions')) {\n const options: HTMLCollection = _selectedOptions;\n for (let i = 0; i < options.length; i++) {\n const opt: any = options.item(i);\n const val: any = this._getOptionValue(opt.value);\n selected.push(val);\n }\n // Degrade on IE\n else {\n const options: HTMLCollection = <HTMLCollection>_options;\n for (let i = 0; i < options.length; i++) {\n const opt: HTMLOption = options.item(i);\n if (opt.selected) {\n const val: any = this._getOptionValue(opt.value);\n selected.push(val);\n }\n }\n this.value = selected;\n }\n fn(selected);\n }\n }\n\n /**\n * @description\n * Registers a function called when the control is touched.\n *\n * @param fn The callback function\n */\n registerOnTouched(fn: () => any): void {\n this.onTouched = fn;\n }\n\n /**\n * Sets the \"disabled\" property on the select input element.\n *\n * @param isDisabled The disabled value\n */\n setDisabledState(isDisabled: boolean): void {\n this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n }\n\n /** @internal */\n _registerOption(value: ÉµNgSelectMultipleOption): string {\n const id: string = (this._idCounter++).toString();\n this._optionMap.set(id, value);\n return id;\n }\n\n /** @internal */\n _getOptionId(value: any): string|null {\n for (const id of Array.from(this._optionMap.keys())) {\n if (this._compareWith(this._optionMap.get(id) !._value, value)) return id;\n }\n return null;\n }\n\n /** @internal */\n _getOptionValue(valueString: string): any {\n const id: string = _extractId(valueString);\n return this._optionMap.has(id) ? this._optionMap.get(id) !._value : valueString;\n }\n\n /**\n * @description\n * Marks `<option>` as dynamic, so Angular can be notified when options change.\n *\n * @see `SelectMultipleControlValueAccessor`\n *\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n */\n @Directive({selector: 'option'})\n export class ÉµNgSelectMultipleOption implements OnDestroy {\n // TODO(issue/24571): remove '!'.\n id!: string;\n\n /** @internal */\n _value: any;\n\n constructor(\n private _element: ElementRef, private _renderer: Renderer2,\n @Optional() @Host() private _select: SelectMultipleControlValueAccessor) {\n if (this._select) {\n this.id = this._select._registerOption(this);\n }\n }\n\n /**\n * @description\n * Tracks the value bound to the option element. Unlike the value binding,\n * ngValue supports binding to objects.\n */\n @Input('ngValue')\n set ngValue(value: any) {\n if (this._select == null) return;\n this._value = value;\n this._setElementValue(_buildValueString(this.id, value));\n this._select.writeValue(this._select.value);\n }\n\n /**\n * @description\n * Tracks simple string values bound to the option element.\n * For objects, use the `ngValue` input binding.\n */\n @Input('value')\n set value(value: any) {\n if (this._select) {\n this._value = value;\n this._setElementValue(_buildValueString(this.id, value));\n this._select.writeValue(this._select.value);\n } else {\n this._setElementValue(value);\n }\n }\n\n /** @internal */\n _setElementValue(value: string): void {\n this._renderer.setProperty(this._element.nativeElement, 'value', value);\n }\n\n /** @internal */\n _setSelected(selected: boolean) {\n this._renderer.setProperty(this._element.nativeElement, 'selected', selected);\n }\n\n /**\n * @description\n * Lifecycle method called before the directive's instance is destroyed. For internal use only.\n */\n ngOnDestroy(): void {\n if (this._select) {\n this._select._optionMap.delete(this.id);\n this._select.writeValue(this._select.value);\n }\n }\n\n export {ÉµNgSelectMultipleOption as NgSelectMultipleOption};\n\n", /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this

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* found in the LICENSE file at
https://angular.io/license
*/
import {isDevMode, ÉlooseIdentical as looseIdentical} from
'@angular/core';
import {FormArray, FormControl, FormGroup} from './model';
import {Validators} from
'./validators';
import {AbstractControlDirective} from './abstract_control_directive';
import
{AbstractFormGroupDirective} from './abstract_form_group_directive';
import {CheckboxControlValueAccessor}
from './checkbox_value_accessor';
import {ControlContainer} from './control_container';
import
{ControlValueAccessor} from './control_value_accessor';
import {DefaultValueAccessor} from
'./default_value_accessor';
import {NgControl} from './ng_control';
import {normalizeAsyncValidator,
normalizeValidator} from './normalize_validator';
import {NumberValueAccessor} from
'./number_value_accessor';
import {RadioControlValueAccessor} from './radio_control_value_accessor';
import
{RangeValueAccessor} from './range_value_accessor';
import {FormArrayName} from
'./reactive_directives/form_group_name';
import {ReactiveErrors} from './reactive_errors';
import
{SelectControlValueAccessor} from './select_control_value_accessor';
import
{SelectMultipleControlValueAccessor} from './select_multiple_control_value_accessor';
import {AsyncValidator,
AsyncValidatorFn, Validator, ValidatorFn} from './validators';

export function controlPath(name: string | null,
parent: ControlContainer): string[] {
return [...parent.path!, name!];
}

export function setUpControl(control:
FormControl, dir: NgControl): void {
if (!control) _throwError(dir, 'Cannot find control with');
if
(!dir.valueAccessor) _throwError(dir, 'No value accessor for form control with');
control.validator =
Validators.compose([control.validator!, dir.validator]);
control.asyncValidator =
Validators.composeAsync([control.asyncValidator!, dir.asyncValidator]);
dir.valueAccessor
!.writeValue(control.value);
setUpViewChangePipeline(control, dir);
setUpModelChangePipeline(control,
dir);
setUpBlurPipeline(control, dir);
if (dir.valueAccessor!.setDisabledState) {
control.registerOnDisabledChange(
(isDisabled: boolean) => { dir.valueAccessor!.setDisabledState
!(isDisabled); });
}
// re-run validation when validator binding changes, e.g. minlength=3 -> minlength=4
dir._rawValidators.forEach((validator: Validator | ValidatorFn) => {
if
((<Validator>validator).registerOnValidatorChange)
(<Validator>validator).registerOnValidatorChange!(() =>
control.updateValueAndValidity());
});
dir._rawAsyncValidators.forEach((validator: AsyncValidator |
AsyncValidatorFn) => {
if ((<Validator>validator).registerOnValidatorChange)
(<Validator>validator).registerOnValidatorChange!(() => control.updateValueAndValidity());
});
}

export
function cleanUpControl(control: FormControl, dir: NgControl) {
dir.valueAccessor!.registerOnChange(() =>
_noControlError(dir));
dir.valueAccessor!.registerOnTouched(() => _noControlError(dir));
dir._rawValidators.forEach((validator: any) => {
if (validator.registerOnValidatorChange) {
validator.registerOnValidatorChange(null);
}
});
dir._rawAsyncValidators.forEach((validator: any) =>
{
if (validator.registerOnValidatorChange) {
validator.registerOnValidatorChange(null);
}
});
}
if (control) control._clearChangeFns();

function setUpViewChangePipeline(control: FormControl, dir:
NgControl): void {
dir.valueAccessor!.registerOnChange((newValue: any) => {
control._pendingValue =
newValue;
control._pendingChange = true;
control._pendingDirty = true;
if (control.updateOn ===
'change') updateControl(control, dir);
});
}

function setUpBlurPipeline(control: FormControl, dir:
NgControl): void {
dir.valueAccessor!.registerOnTouched(() => {
control._pendingTouched = true;
if
(control.updateOn === 'blur' && control._pendingChange) updateControl(control, dir);
if (control.updateOn !==
'submit') control.markAsTouched();
});
}

function updateControl(control: FormControl, dir: NgControl):
void {
if (control._pendingDirty) control.markAsDirty();
control.setValue(control._pendingValue,
{emitModelToViewChange: false});
dir.viewToModelUpdate(control._pendingValue);
control._pendingChange = false;
}

function setUpModelChangePipeline(control: FormControl, dir: NgControl):
void {
control.registerOnChange((newValue: any, emitModelEvent: boolean) => {
// control -> view
dir.valueAccessor!.writeValue(newValue);
// control -> ngModel
if (emitModelEvent)
dir.viewToModelUpdate(newValue);
});
}

export function setUpFormContainer(
control: FormGroup |
FormArray, dir: AbstractFormGroupDirective | FormArrayName) {
if (control == null) _throwError(dir, 'Cannot

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find control with');\n control.validator = Validators.compose([control.validator, dir.validator]);\n
control.asyncValidator = Validators.composeAsync([control.asyncValidator, dir.asyncValidator]);\n\nfunction
_noControlError(dir: NgControl) {\n return _throwError(dir, 'There is no FormControl instance attached to form
control element with');\n}\n\nfunction _throwError(dir: AbstractControlDirective, message: string): void {\n let
messageEnd: string;\n if (dir.path != null && dir.path.length > 1) {\n messageEnd = `path: '${dir.path!.join(' -> ')}'`;
}\n } else if
(dir.path != null && dir.path[0]) {\n messageEnd = `name: '${dir.path}'`;
}\n } else {\n messageEnd = 'unspecified name attribute';
}\n throw new Error(`${message} ${messageEnd}`);\n}\n\nexport function composeValidators(validators:
Array<Validator|ValidatorFn>): ValidatorFn|null {\n return validators != null ?
Validators.compose(validators.map(normalizeValidator)) : null;\n}\n\nexport function
composeAsyncValidators(validators: Array<AsyncValidator|AsyncValidatorFn>): AsyncValidatorFn|null {\n
return validators != null ? Validators.composeAsync(validators.map(normalizeAsyncValidator)) :
null;\n}\n\nexport function isPropertyUpdated(changes: {[key: string]: any}, viewModel: any): boolean {\n if
(!changes.hasOwnProperty('model')) return false;\n const change = changes['model'];\n\n if
(change.isFirstChange()) return true;\n return !looseIdentical(viewModel, change.currentValue);\n}\n\nconst
BUILTIN_ACCESSORS = [\n CheckboxControlValueAccessor,\n RangeValueAccessor,\n
NumberValueAccessor,\n SelectControlValueAccessor,\n SelectMultipleControlValueAccessor,\n
RadioControlValueAccessor,\n];\n\nexport function isBuiltInAccessor(valueAccessor: ControlValueAccessor):
boolean {\n return BUILTIN_ACCESSORS.some(a => valueAccessor.constructor === a);\n}\n\nexport function
syncPendingControls(form: FormGroup, directives: NgControl[]): void {\n form._syncPendingControls();\n
directives.forEach(dir => {\n const control = dir.control as FormControl;\n if (control.updateOn === 'submit'
&& control._pendingChange) {\n dir.viewToModelUpdate(control._pendingValue);\n
control._pendingChange = false;\n } });\n}\n\n// TODO: vsavkin remove it once
https://github.com/angular/angular/issues/3011 is implemented\nexport function selectValueAccessor(\n dir:
NgControl, valueAccessors: ControlValueAccessor[]): ControlValueAccessor|null {\n if (!valueAccessors) return
null;\n\n if (!Array.isArray(valueAccessors))\n _throwError(dir, 'Value accessor was not provided as an array for
form control with');\n\n let defaultAccessor: ControlValueAccessor|undefined = undefined;\n let builtinAccessor:
ControlValueAccessor|undefined = undefined;\n let customAccessor: ControlValueAccessor|undefined =
undefined;\n\n valueAccessors.forEach((v: ControlValueAccessor) => {\n if (v.constructor ===
DefaultValueAccessor) {\n defaultAccessor = v;\n\n } else if (isBuiltInAccessor(v)) {\n if
(builtinAccessor)\n _throwError(dir, 'More than one built-in value accessor matches form control with');\n
builtinAccessor = v;\n\n } else {\n if (customAccessor)\n _throwError(dir, 'More than one custom value
accessor matches form control with');\n customAccessor = v;\n } });\n\n if (customAccessor) return
customAccessor;\n if (builtinAccessor) return builtinAccessor;\n if (defaultAccessor) return defaultAccessor;\n\n
_throwError(dir, 'No valid value accessor for form control with');\n return null;\n}\n\nexport function
removeDir<T>(list: T[], el: T): void {\n const index = list.indexOf(el);\n if (index > -1) list.splice(index,
1);\n}\n\n// TODO(kara): remove after deprecation period\nexport function _ngModelWarning(\n name: string,
type: { _ngModelWarningSentOnce: boolean },\n instance: { _ngModelWarningSent: boolean }, warningConfig:
string | null) {\n if (!isDevMode() || warningConfig === 'never') return;\n\n if (((warningConfig === null ||
warningConfig === 'once') && !type._ngModelWarningSentOnce) ||\n (warningConfig === 'always' &&
!instance._ngModelWarningSent)) {\n ReactiveErrors.ngModelWarning(name);\n
type._ngModelWarningSentOnce = true;\n instance._ngModelWarningSent = true;\n }\n}\n\n"/**\n * @license\n
* Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license
that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport { EventEmitter } from
'@angular/core';\nimport { Observable } from 'rxjs';\nimport { composeAsyncValidators, composeValidators } from
'./directives/shared';\nimport { AsyncValidatorFn, ValidationErrors, ValidatorFn } from
'./directives/validators';\nimport { toObservable } from './validators';\n\n/**\n * Reports that a FormControl is valid,
meaning that no errors exist in the input value.\n * @see `status`\n */\nexport const VALID = 'VALID';\n\n/**\n
* Reports that a FormControl is invalid, meaning that an error exists in the input value.\n * @see `status`\n

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*\nexport const INVALID = 'INVALID';\n\n/**\n * Reports that a FormControl is pending, meaning that that async
validation is occurring and\n * errors are not yet available for the input value.\n *\n * @see `markAsPending`\n *
@see `status`\n */\nexport const PENDING = 'PENDING';\n\n/**\n * Reports that a FormControl is disabled,
meaning that the control is exempt from ancestor\n * calculations of validity or value.\n *\n * @see
`markAsDisabled`\n * @see `status`\n */\nexport const DISABLED = 'DISABLED';\n\nfunction _find(control:
AbstractControl, path: Array<string|number> | string, delimiter: string) {\n if (path == null) return null;\n\n if
(!Array.isArray(path)) {\n path = path.split(delimiter);\n }\n if (Array.isArray(path) && path.length === 0)
return null;\n\n // Not using Array.reduce here due to a Chrome 80 bug\n //
https://bugs.chromium.org/p/chromium/issues/detail?id=1049982\n let controlToFind: AbstractControl|null =
control;\n path.forEach((name: string | number) => {\n if (controlToFind instanceof FormGroup) {\n
controlToFind = controlToFind.controls.hasOwnProperty(name as string) ?\n controlToFind.controls[name]
:\n null;\n } else if (controlToFind instanceof FormArray) {\n controlToFind =
controlToFind.at(<number>name) || null;\n } else {\n controlToFind = null;\n }\n });\n return
controlToFind;\n}\n\nfunction coerceToValidator(\n validatorOrOpts?: ValidatorFn | ValidatorFn[] |
AbstractControlOptions | null): ValidatorFn\n null {\n const validator =\n (isOptionsObj(validatorOrOpts) ?
(validatorOrOpts as AbstractControlOptions).validators :\n validatorOrOpts as ValidatorFn
|\n ValidatorFn[] | null;\n\n return Array.isArray(validator) ? composeValidators(validator) : validator ||
null;\n}\n\nfunction coerceToAsyncValidator(\n asyncValidator?: AsyncValidatorFn | AsyncValidatorFn[] | null,
validatorOrOpts?: ValidatorFn |\n ValidatorFn[] | AbstractControlOptions | null): AsyncValidatorFn|null {\n
const origAsyncValidator =\n (isOptionsObj(validatorOrOpts) ? (validatorOrOpts as
AbstractControlOptions).asyncValidators :\n asyncValidator) as AsyncValidatorFn |\n
AsyncValidatorFn | null;\n\n return Array.isArray(origAsyncValidator) ?
composeAsyncValidators(origAsyncValidator) :\n origAsyncValidator ||
null;\n}\n\nexport type FormHooks = 'change' | 'blur' | 'submit';\n\n/**\n * Interface for options provided to an
`AbstractControl`.\n *\n * @publicApi\n */\nexport interface AbstractControlOptions {\n /**\n * @description\n
* The list of validators applied to a control.\n *\n validators?: ValidatorFn|ValidatorFn[]|null;\n /**\n *
@description\n * The list of async validators applied to control.\n *\n asyncValidators?:
AsyncValidatorFn|AsyncValidatorFn[]|null;\n /**\n * @description\n * The event name for control to update
upon.\n *\n updateOn?: 'change'|'blur'|'submit';\n}\n\nfunction isOptionsObj(\n validatorOrOpts?: ValidatorFn
| ValidatorFn[] | AbstractControlOptions | null): boolean {\n return validatorOrOpts != null &&
!Array.isArray(validatorOrOpts) &&\n typeof validatorOrOpts === 'object';\n}\n\n/**\n * This is the base class
for `FormControl`, `FormGroup`, and `FormArray`.\n *\n * It provides some of the shared behavior that all controls
and groups of controls have, like\n * running validators, calculating status, and resetting state. It also defines the
properties\n * that are shared between all sub-classes, like `value`, `valid`, and `dirty`. It shouldn't be\n *
instantiated directly.\n *\n * @see [Forms Guide](/guide/forms)\n * @see [Reactive Forms Guide](/guide/reactive-forms)\n *
@see [Dynamic Forms Guide](/guide/dynamic-form)\n *\n * @publicApi\n */\nexport abstract class
AbstractControl {\n /** @internal */\n // TODO(issue/24571): remove '!'\n _pendingDirty !: boolean;\n\n /**
@internal */\n // TODO(issue/24571): remove '!'\n _pendingTouched !: boolean;\n\n /** @internal */\n
_onCollectionChange = () => {};\n\n /** @internal */\n // TODO(issue/24571): remove '!'\n _updateOn !:
FormHooks;\n\n // TODO(issue/24571): remove '!'\n private _parent !: FormGroup | FormArray;\n private
_asyncValidationSubscription: any;\n\n /**\n * The current value of the control.\n *\n * For a `FormControl`,
the current value.\n * For an enabled `FormGroup`, the values of enabled controls as an object\n * with a key-
value pair for each member of the group.\n * For a disabled `FormGroup`, the values of all controls as an object\n
* with a key-value pair for each member of the group.\n * For a `FormArray`, the values of enabled controls as
an array.\n *\n */\n public readonly value: any;\n\n /**\n * Initialize the AbstractControl instance.\n *\n *
@param validator The function that determines the synchronous validity of this control.\n * @param
asyncValidator The function that determines the asynchronous validity of this\n * control.\n *\n
constructor(public validator: ValidatorFn|null, public asyncValidator: AsyncValidatorFn|null) {\n\n /**\n * The

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parent control.\n *^/n get parent(): FormGroup|FormArray { return this._parent; }\n/n /**\n * The validation
status of the control. There are four possible\n * validation status values:\n * \n * **VALID**: This control has
passed all validation checks.\n * **INVALID**: This control has failed at least one validation check.\n * \n
* **PENDING**: This control is in the midst of conducting a validation check.\n * \n * **DISABLED**: This control
is exempt from validation checks.\n * \n * These status values are mutually exclusive, so a control cannot be\n *
both valid AND invalid or invalid AND disabled.\n *^/n // TODO(issue/24571): remove '!.\n public readonly
status!: string;\n/n /**\n * A control is `valid` when its `status` is `VALID`.\n * \n * @see {@link
AbstractControl.status}\n * \n * @returns True if the control has passed all of its validation tests,\n * false
otherwise.\n *^/n get valid(): boolean { return this.status === VALID; }\n/n /**\n * A control is `invalid` when
its `status` is `INVALID`.\n * \n * @see {@link AbstractControl.status}\n * \n * @returns True if this control
has failed one or more of its validation checks,\n * false otherwise.\n *^/n get invalid(): boolean { return
this.status === INVALID; }\n/n /**\n * A control is `pending` when its `status` is `PENDING`.\n * \n * @see
{@link AbstractControl.status}\n * \n * @returns True if this control is in the process of conducting a validation
check,\n * false otherwise.\n *^/n get pending(): boolean { return this.status == PENDING; }\n/n /**\n * A
control is `disabled` when its `status` is `DISABLED`.\n * \n * Disabled controls are exempt from validation
checks and\n * are not included in the aggregate value of their ancestor\n * controls.\n * \n * @see {@link
AbstractControl.status}\n * \n * @returns True if the control is disabled, false otherwise.\n *^/n get disabled():
boolean { return this.status === DISABLED; }\n/n /**\n * A control is `enabled` as long as its `status` is not
`DISABLED`.\n * \n * @returns True if the control has any status other than `DISABLED`,\n * false if the status
is `DISABLED`.\n * \n * @see {@link AbstractControl.status}\n * \n *^/n get enabled(): boolean { return
this.status !== DISABLED; }\n/n /**\n * An object containing any errors generated by failing validation,\n * or
null if there are no errors.\n *^/n // TODO(issue/24571): remove '!.\n public readonly errors!: ValidationErrors |
null;\n/n /**\n * A control is `pristine` if the user has not yet changed\n * the value in the UI.\n * \n * @returns
True if the user has not yet changed the value in the UI; compare `dirty`.\n * Programmatic changes to a control's
value do not mark it dirty.\n *^/n public readonly pristine: boolean = true;\n/n /**\n * A control is `dirty` if the
user has changed the value\n * in the UI.\n * \n * @returns True if the user has changed the value of this control
in the UI; compare `pristine`.\n * Programmatic changes to a control's value do not mark it dirty.\n *^/n get
dirty(): boolean { return !this.pristine; }\n/n /**\n * True if the control is marked as `touched`.\n * \n * A control
is marked `touched` once the user has triggered\n * a `blur` event on it.\n *^/n public readonly touched: boolean =
false;\n/n /**\n * True if the control has not been marked as touched\n * \n * A control is `untouched` if the user
has not yet triggered\n * a `blur` event on it.\n *^/n get untouched(): boolean { return !this.touched; }\n/n /**\n
* A multicasting observable that emits an event every time the value of the control changes, in\n * the UI or
programmatically. It also emits an event each time you call enable() or disable()\n * without passing along
{emitEvent: false} as a function argument.\n *^/n // TODO(issue/24571): remove '!.\n public readonly
valueChanges!: Observable<any>;\n/n /**\n * A multicasting observable that emits an event every time the
validation `status` of the control\n * recalculates.\n * \n * @see {@link AbstractControl.status}\n * \n *^/n //
TODO(issue/24571): remove '!.\n public readonly statusChanges!: Observable<any>;\n/n /**\n * Reports the
update strategy of the `AbstractControl` (meaning\n * the event on which the control updates itself).\n * Possible
values: `change` | `blur` | `submit`\n * Default value: `change`\n *^/n get updateOn(): FormHooks {\n return
this._updateOn ? this._updateOn : (this.parent ? this.parent.updateOn : 'change');\n }\n/n /**\n * Sets the
synchronous validators that are active on this control. Calling\n * this overwrites any existing sync validators.\n
*\n * When you add or remove a validator at run time, you must call\n * `updateValueAndValidity()` for the new
validation to take effect.\n * \n *^/n setValidators(newValidator: ValidatorFn|ValidatorFn[]|null): void {\n
this.validator = coerceToValidator(newValidator);\n }\n/n /**\n * Sets the async validators that are active on this
control. Calling this\n * overwrites any existing async validators.\n * \n * When you add or remove a validator at
run time, you must call\n * `updateValueAndValidity()` for the new validation to take effect.\n * \n *^/n
setAsyncValidators(newValidator: AsyncValidatorFn|AsyncValidatorFn[]|null): void {\n this.asyncValidator =
coerceToAsyncValidator(newValidator);\n }\n/n /**\n * Empties out the sync validator list.\n * \n * When you

```





```

@param opts Configuration options that determine how the control propagates
 * changes and emits events after
the control is disabled.
 * * `onlySelf`: When true, mark only this control. When false or not supplied,
 * marks
all direct ancestors. Default is false.
 * * `emitEvent`: When true or not supplied (the default), both the
`statusChanges` and
 * `valueChanges`
 * observables emit events with the latest status and value when the
control is disabled.
 * When false, no events are emitted.
 * ^/n disable(opts: {onlySelf?: boolean, emitEvent?:
boolean} = {}): void {
 // If parent has been marked artificially dirty we don't want to re-calculate the
 //
parent's dirtiness based on the children.
 const skipPristineCheck = this._parentMarkedDirty(opts.onlySelf);
 (this as {status: string}).status = DISABLED;
 (this as {errors: ValidationErrors | null}).errors = null;
 this._forEachChild(
 (control: AbstractControl) => { control.disable({...opts, onlySelf: true}); });
 this._updateValue();
 if (opts.emitEvent !== false) {
 (this.valueChanges as
EventEmitter<any>).emit(this.value);
 (this.statusChanges as EventEmitter<string>).emit(this.status);
 }
 this._updateAncestors({...opts, skipPristineCheck});
 this._onDisabledChange.forEach((changeFn) =>
changeFn(true));
}
/**
 * Enables the control. This means the control is included in validation checks and
 * the aggregate value of its parent. Its status recalculates based on its value and
 * its validators.
 * ^/n
 * By
default, if the control has children, all children are enabled.
 * ^/n
 * @see {@link AbstractControl.status}
 * ^/n
 * @param opts Configure options that control how the control propagates changes and
 * emits events when
marked as untouched
 * * * `onlySelf`: When true, mark only this control. When false or not supplied,
 * marks
all direct ancestors. Default is false.
 * * * `emitEvent`: When true or not supplied (the default), both the
`statusChanges` and
 * `valueChanges`
 * observables emit events with the latest status and value when the
control is enabled.
 * When false, no events are emitted.
 * ^/n
enable(opts: {onlySelf?: boolean, emitEvent?:
boolean} = {}): void {
 // If parent has been marked artificially dirty we don't want to re-calculate the
 //
parent's dirtiness based on the children.
 const skipPristineCheck = this._parentMarkedDirty(opts.onlySelf);
 (this as {status: string}).status = VALID;
 this._forEachChild(
 (control: AbstractControl) => {
control.enable({...opts, onlySelf: true}); });
 this.updateValueAndValidity({onlySelf: true, emitEvent:
opts.emitEvent});
 this._updateAncestors({...opts, skipPristineCheck});
 this._onDisabledChange.forEach((changeFn) => changeFn(false));
}
private _updateAncestors(
 opts:
{onlySelf?: boolean, emitEvent?: boolean, skipPristineCheck?: boolean}) {
 if (this._parent && !opts.onlySelf)
 {
 this._parent.updateValueAndValidity(opts);
 if (!opts.skipPristineCheck) {
 this._parent._updatePristine();
 }
 this._parent._updateTouched();
 }
}
/**
 * @param parent
Sets the parent of the control
 * ^/n
setParent(parent: FormGroup|FormArray): void { this._parent = parent; }
/**
 * Sets the value of the control. Abstract method (implemented in sub-classes).
 * ^/n
abstract
setValue(value: any, options?: Object): void;
/**
 * Patches the value of the control. Abstract method
(implemented in sub-classes).
 * ^/n
abstract patchValue(value: any, options?: Object): void;
/**
 * Resets
the control. Abstract method (implemented in sub-classes).
 * ^/n
abstract reset(value?: any, options?: Object):
void;
/**
 * Recalculates the value and validation status of the control.
 * ^/n
 * By default, it also updates
the value and validity of its ancestors.
 * ^/n
 * @param opts Configuration options determine how the control
propagates changes and emits events
 * after updates and validity checks are applied.
 * * * `onlySelf`: When
true, only update this control. When false or not supplied,
 * update all direct ancestors. Default is false.
 * * *
`emitEvent`: When true or not supplied (the default), both the `statusChanges` and
 * `valueChanges`
 * observables emit events with the latest status and value when the control is updated.
 * When false, no events are
emitted.
 * ^/n
updateValueAndValidity(opts: {onlySelf?: boolean, emitEvent?: boolean} = {}): void {
 this._setInitialStatus();
 this._updateValue();
 if (this.enabled) {
 this._cancelExistingSubscription();
 (this as {errors: ValidationErrors | null}).errors = this._runValidator();
 (this as {status: string}).status =
this._calculateStatus();
 }
 if (this.status === VALID || this.status === PENDING) {
 this._runAsyncValidator(opts.emitEvent);
 }
}
if (opts.emitEvent !== false) {
 (this.valueChanges
as EventEmitter<any>).emit(this.value);
 (this.statusChanges as EventEmitter<string>).emit(this.status);
}
if (this._parent && !opts.onlySelf) {
 this._parent.updateValueAndValidity(opts);
}
}
/**
@internal
 * ^/n
_updateTreeValidity(opts: {emitEvent?: boolean} = {emitEvent: true}) {

```

```

this._forEachChild((ctrl: AbstractControl) => ctrl._updateTreeValidity(opts));\n
this.updateValueAndValidity({onlySelf: true, emitEvent: opts.emitEvent});\n } \n\n private _setInitialStatus() {\n
(this as {status: string}).status = this._allControlsDisabled() ? DISABLED : VALID;\n } \n\n private
_runValidator(): ValidationErrors|null {\n return this.validator ? this.validator(this) : null;\n } \n\n private
_runAsyncValidator(emitEvent?: boolean): void {\n if (this.asyncValidator) {\n (this as {status: string}).status =
PENDING;\n const obs = toObservable(this.asyncValidator(this));\n this._asyncValidationSubscription =\n obs.subscribe((errors: ValidationErrors | null) => this.setErrors(errors, {emitEvent}));\n } \n } \n\n private
_cancelExistingSubscription(): void {\n if (this._asyncValidationSubscription) {\n
this._asyncValidationSubscription.unsubscribe();\n } \n } \n\n /**\n * Sets errors on a form control when running
validations manually, rather than automatically.\n *\n * Calling `setErrors` also updates the validity of the parent
control.\n *\n * @usageNotes\n * ### Manually set the errors for a control\n *\n * ```\n * const login = new
FormControl('someLogin');\n * login.setErrors({\n * notUnique: true\n * });\n *\n * expect(login.valid).toEqual(false);\n * expect(login.errors).toEqual({ notUnique: true });\n *\n * login.setValue('someOtherLogin');\n *\n * expect(login.valid).toEqual(true);\n * ```\n */\n setErrors(errors:
ValidationErrors|null, opts: {emitEvent?: boolean} = {}): void {\n (this as {errors: ValidationErrors | null}).errors
= errors;\n this._updateControlsErrors(opts.emitEvent !== false);\n } \n\n /**\n * Retrieves a child control given
the control's name or path.\n *\n * @param path A dot-delimited string or array of string/number values that
define the path to the\n * control.\n *\n * @usageNotes\n * ### Retrieve a nested control\n *\n * For
example, to get a `name` control nested within a `person` sub-group:\n *\n * * `this.form.get('person.name');`\n
*\n * -OR-\n *\n * * `this.form.get(['person', 'name']);`\n *\n */\n get(path: Array<string|number>|string):
AbstractControl|null { return _find(this, path, '.'); } \n\n /**\n * @description\n * Reports error data for the
control with the given path.\n *\n * @param errorCode The code of the error to check\n *\n * @param path A list of
control names that designates how to move from the current control\n * to the control that should be queried for
errors.\n *\n * @usageNotes\n * For example, for the following `FormGroup`:\n *\n * ```\n * form = new
FormGroup({\n * address: new FormGroup({ street: new FormControl() })\n * });\n * ```\n *\n * The path to
the 'street' control from the root form would be 'address' -> 'street'.\n *\n * It can be provided to this method in one
of two formats:\n *\n * 1. An array of string control names, e.g. `['address', 'street']`\n *\n * 1. A period-delimited list
of control names in one string, e.g. `address.street`\n *\n * @returns error data for that particular error. If the
control or error is not present,\n * null is returned.\n */\n getError(errorCode: string, path?:
Array<string|number>|string): any {\n const control = path ? this.get(path) : this;\n return control &&
control.errors ? control.errors[errorCode] : null;\n } \n\n /**\n * @description\n * Reports whether the control
with the given path has the error specified.\n *\n * @param errorCode The code of the error to check\n *\n
@param path A list of control names that designates how to move from the current control\n * to the control that
should be queried for errors.\n *\n * @usageNotes\n * For example, for the following `FormGroup`:\n *\n *
```\n * form = new FormGroup({\n * address: new FormGroup({ street: new FormControl() })\n * });\n * ```\n *\n
The path to the 'street' control from the root form would be 'address' -> 'street'.\n *\n * It can be provided
to this method in one of two formats:\n *\n * 1. An array of string control names, e.g. `['address', 'street']`\n *\n
1. A period-delimited list of control names in one string, e.g. `address.street`\n *\n * If no path is given, this method
checks for the error on the current control.\n *\n * @returns whether the given error is present in the control at the
given path.\n *\n * If the control is not present, false is returned.\n */\n hasError(errorCode: string, path?:
Array<string|number>|string): boolean {\n return !!this.getError(errorCode, path);\n } \n\n /**\n * Retrieves the
top-level ancestor of this control.\n */\n get root(): AbstractControl {\n let x: AbstractControl = this;\n\n while
(x._parent) {\n x = x._parent;\n } \n\n return x;\n } \n\n /**\n * @internal\n */\n _updateControlsErrors(emitEvent:
boolean): void {\n (this as {status: string}).status = this._calculateStatus();\n\n if (emitEvent) {\n
(this.statusChanges as EventEmitter<string>).emit(this.status);\n } \n\n if (this._parent) {\n
this._parent._updateControlsErrors(emitEvent);\n } \n } \n\n /**\n * @internal\n */\n _initObservables() {\n (this
as {valueChanges: Observable<any>}).valueChanges = new EventEmitter();\n (this as {statusChanges:
Observable<any>}).statusChanges = new EventEmitter();\n } \n\n\n private _calculateStatus(): string {\n if

```

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(this._allControlsDisabled()) return DISABLED;\n  if (this.errors) return INVALID;\n  if
(this._anyControlsHaveStatus(PENDING)) return PENDING;\n  if (this._anyControlsHaveStatus(INVALID))
return INVALID;\n  return VALID;\n } \n\n /** @internal */\n abstract _updateValue(): void;\n\n /** @internal
*/\n abstract _forEachChild(cb: Function): void;\n\n /** @internal */\n abstract _anyControls(condition:
Function): boolean;\n\n /** @internal */\n abstract _allControlsDisabled(): boolean;\n\n /** @internal */\n
abstract _syncPendingControls(): boolean;\n\n /** @internal */\n _anyControlsHaveStatus(status: string): boolean
{\n  return this._anyControls((control: AbstractControl) => control.status === status);\n } \n\n /** @internal */\n
_anyControlsDirty(): boolean {\n  return this._anyControls((control: AbstractControl) => control.dirty);\n } \n\n
/** @internal */\n _anyControlsTouched(): boolean {\n  return this._anyControls((control: AbstractControl) =>
control.touched);\n } \n\n /** @internal */\n _updatePristine(opts: {onlySelf?: boolean} = {}): void {\n  (this
as {pristine: boolean}).pristine = !this._anyControlsDirty();\n\n  if (this._parent && !opts.onlySelf) {\n
this._parent._updatePristine(opts);\n  } \n } \n\n /** @internal */\n _updateTouched(opts: {onlySelf?: boolean} =
{}): void {\n  (this as {touched: boolean}).touched = this._anyControlsTouched();\n\n  if (this._parent &&
!opts.onlySelf) {\n  this._parent._updateTouched(opts);\n  } \n } \n\n /** @internal */\n _onDisabledChange:
Function[] = [];\n\n /** @internal */\n _isBoxedValue(formState: any): boolean {\n  return typeof formState ===
'object' && formState !== null && \n    Object.keys(formState).length === 2 && 'value' in formState &&
'disabled' in formState;\n } \n\n /** @internal */\n _registerOnCollectionChange(fn: () => void): void {\n
this._onCollectionChange = fn; } \n\n /** @internal */\n _setUpdateStrategy(opts?:
ValidatorFn|ValidatorFn[]|AbstractControlOptions|null): void {\n  if (isOptionsObj(opts) && (opts as
AbstractControlOptions).updateOn !== null) {\n    this._updateOn = (opts as AbstractControlOptions).updateOn !;\n
  } \n } \n\n /**\n * Check to see if parent has been marked artificially dirty.\n * \n * @internal\n */\n private
_parentMarkedDirty(onlySelf?: boolean): boolean {\n  const parentDirty = this._parent && this._parent.dirty;\n
return !onlySelf && parentDirty && !this._parent._anyControlsDirty();\n } \n } \n\n /**\n * Tracks the value and
validation status of an individual form control.\n * \n * This is one of the three fundamental building blocks of
Angular forms, along with\n * `FormGroup` and `FormArray`. It extends the `AbstractControl` class that\n *
implements most of the base functionality for accessing the value, validation status,\n * user interactions and
events.\n * \n * @see `AbstractControl`\n * @see [Reactive Forms Guide](guide/reactive-forms)\n * @see [Usage
Notes](#usage-notes)\n * \n * @usageNotes\n * \n * ### Initializing Form Controls\n * \n * Instantiate a
`FormControl`, with an initial value.\n * \n * ```ts\n * const control = new FormControl('some value');\n *
console.log(control.value); // 'some value'\n * \n * The following example initializes the control with a form
state object. The `value` and `disabled` keys are required in this case.\n * \n * ```ts\n * const control = new
FormControl({ value: 'a', disabled: true });\n * console.log(control.value); // 'a'\n * console.log(control.status);
// 'DISABLED'\n * \n * The following example initializes the control with a sync validator.\n * \n * ```ts\n *
const control = new FormControl("", Validators.required);\n * console.log(control.value); // ""\n *
console.log(control.status); // 'INVALID'\n * \n * The following example initializes the control using an
options object.\n * \n * ```ts\n * const control = new FormControl("", {\n *   validators: Validators.required,\n *
  asyncValidators: myAsyncValidator\n * });\n * \n * ### Configure the control to update on a blur event\n * \n *
Set the `updateOn` option to `blur` to update on the blur `event`.\n * \n * ```ts\n * const control = new
FormControl("", { updateOn: 'blur' });\n * \n * ### Configure the control to update on a submit event\n * \n *
Set the `updateOn` option to `submit` to update on a submit `event`.\n * \n * ```ts\n * const control = new
FormControl("", { updateOn: 'submit' });\n * \n * ### Reset the control back to an initial value\n * \n * You
reset to a specific form state by passing through a standalone\n * value or a form state object that contains both a
value and a disabled state\n * (these are the only two properties that cannot be calculated).\n * \n * ```ts\n *
const control = new FormControl('Nancy');\n * console.log(control.value); // 'Nancy'\n * control.reset('Drew');\n
*\n * console.log(control.value); // 'Drew'\n * \n * ### Reset the control back to an initial value and disabled\n *
*\n * ```ts\n * const control = new FormControl('Nancy');\n * console.log(control.value); // 'Nancy'\n *
console.log(control.status); // 'VALID'\n * control.reset({ value: 'Drew', disabled: true });\n * \n *
console.log(control.value); // 'Drew'\n * console.log(control.status); // 'DISABLED'\n * \n * @publicApi\n

```

```

*\nexport class FormControl extends AbstractControl {\n  /** @internal *\n  _onChange: Function[] = [];\n  /**\n  @internal *\n  _pendingValue: any;\n  /** @internal *\n  _pendingChange: any;\n  /**\n  * Creates a new\n  `FormControl` instance.\n  *\n  * @param formState Initializes the control with an initial value,\n  * or an object that defines the initial value and disabled state.\n  *\n  * @param validatorOrOpts A synchronous validator function,\n  or an array of\n  * such functions, or an `AbstractControlOptions` object that contains validation functions\n  * and a validation trigger.\n  *\n  * @param asyncValidator A single async validator or array of async validator functions\n  *\n  */\n  constructor(\n    formState: any = null,\n    validatorOrOpts?:\n      ValidatorFn|ValidatorFn[]|AbstractControlOptions|null,\n    asyncValidator?:\n      AsyncValidatorFn|AsyncValidatorFn[]|null)\n  {\n    super(\n      coerceToValidator(validatorOrOpts),\n      coerceToAsyncValidator(asyncValidator, validatorOrOpts));\n    this._applyFormState(formState);\n    this._setUpdateStrategy(validatorOrOpts);\n    this.updateValueAndValidity({onlySelf: true, emitEvent: false});\n    this._initObservables();\n  }\n  /**\n  * Sets a new value for the form control.\n  *\n  * @param value The new value for the control.\n  *\n  * @param options Configuration options that determine how the control propagates changes\n  * and emits events when the value changes.\n  * The configuration options are passed to the {@link\n  AbstractControl#updateValueAndValidity\n  * updateValueAndValidity} method.\n  *\n  * * `onlySelf`: When true, each change only affects this control, and not its parent. Default is\n  * false.\n  * * `emitEvent`: When true or not supplied (the default), both the `statusChanges` and\n  * `valueChanges` observables emit events with the latest status and value when the control value is updated.\n  * When false, no events are emitted.\n  * * `emitModelToViewChange`: When true or not supplied (the default), each change triggers an\n  * `onChange` event to\n  * update the view.\n  * * `emitViewToModelChange`: When true or not supplied (the default), each change triggers an\n  * `ngModelChange` event to update the model.\n  *\n  */\n  setValue(value: any, options: {\n    onlySelf?: boolean,\n    emitEvent?: boolean,\n    emitModelToViewChange?: boolean,\n    emitViewToModelChange?: boolean\n  } = {}): void {\n    (this as {value: any}).value = this._pendingValue = value;\n    if (this._onChange.length && options.emitModelToViewChange !== false) {\n      this._onChange.forEach(\n        (changeFn) => changeFn(this.value, options.emitViewToModelChange !== false));\n    }\n    this.updateValueAndValidity(options);\n  }\n  /**\n  * Patches the value of a control.\n  *\n  * This function is functionally the same as {@link FormControl#setValue setValue} at this level.\n  * It exists for symmetry with {@link FormGroup#patchValue patchValue} on `FormGroups` and\n  * `FormArrays`, where it does behave differently.\n  *\n  * @see `setValue` for options\n  */\n  patchValue(value: any, options: {\n    onlySelf?: boolean,\n    emitEvent?: boolean,\n    emitModelToViewChange?: boolean,\n    emitViewToModelChange?: boolean\n  } = {}): void {\n    this.setValue(value, options);\n  }\n  /**\n  * Resets the form control, marking it `pristine` and `untouched`, and setting\n  * the value to null.\n  *\n  * @param formState Resets the control with an initial value,\n  * or an object that defines the initial value and disabled state.\n  *\n  * @param options Configuration options that determine how the control propagates changes\n  * and emits events after the value changes.\n  *\n  * * `onlySelf`: When true, each change only affects this control, and not its parent. Default is\n  * false.\n  * * `emitEvent`: When true or not supplied (the default), both the `statusChanges` and\n  * `valueChanges` observables emit events with the latest status and value when the control is reset.\n  * When false, no events are emitted.\n  */\n  reset(formState: any = null, options: {\n    onlySelf?: boolean,\n    emitEvent?: boolean\n  } = {}): void {\n    this._applyFormState(formState);\n    this.markAsPristine(options);\n    this.markAsUntouched(options);\n    this.setValue(this.value, options);\n    this._pendingChange = false;\n  }\n  /**\n  * @internal\n  */\n  _updateValue() {\n    /**\n    * @internal\n    */\n    _anyControls(condition: Function): boolean {\n      return false;\n    }\n    /**\n    * @internal\n    */\n    _allControlsDisabled(): boolean {\n      return this.disabled;\n    }\n    /**\n    * Register a listener for change events.\n    *\n    * @param fn The method that is called when the value changes\n    */\n    registerOnChange(fn: Function): void {\n      this._onChange.push(fn);\n    }\n    /**\n    * @internal\n    */\n    _clearChangeFns(): void {\n      this._onChange = [];\n      this._onDisabledChange = [];\n      this._onCollectionChange = () => {};\n    }\n    /**\n    * Register a listener for disabled events.\n    *\n    * @param fn The method that is called when the disabled status changes.\n    */\n    registerOnDisabledChange(fn: (isDisabled: boolean) => void): void {\n      this._onDisabledChange.push(fn);\n    }\n    /**\n    * @internal\n    */\n    _forEachChild(cb: Function): void {\n

```

```

/** @internal */
private _syncPendingControls(): boolean {
  if (this.updateOn === 'submit') {
    if (this._pendingDirty) this.markAsDirty();
    if (this._pendingTouched) this.markAsTouched();
    if (this._pendingChange) {
      this.setValue(this._pendingValue, {onlySelf: true, emitModelToViewChange: false});
      return true;
    }
  }
  return false;
}

private _applyFormState(formState: any) {
  if (this._isBoxedValue(formState)) {
    (this as {value: any}).value = this._pendingValue = formState.value;
    formState.disabled ? this.disable({onlySelf: true, emitEvent: false}) : this.enable({onlySelf: true, emitEvent: false});
  } else {
    (this as {value: any}).value = this._pendingValue = formState;
  }
}

/**
 * Tracks the value and validity state of a group of `FormControl` instances.
 * A `FormGroup` aggregates the values of each child `FormControl` into one object, with each control name as the key. It calculates its status by reducing the status values of its children. For example, if one of the controls in a group is invalid, the entire group becomes invalid.
 * `FormGroup` is one of the three fundamental building blocks used to define forms in Angular, along with `FormControl` and `FormArray`.
 * When instantiating a `FormGroup`, pass in a collection of child controls as the first argument. The key for each child registers the name for the control.
 * @usageNotes
 * ### Create a form group with 2 controls
 * ```ts
 * const form = new FormGroup({
 *   first: new FormControl('Nancy', Validators.minLength(2)),
 *   last: new FormControl('Drew'),
 * });
 * console.log(form.value); // {first: 'Nancy', last: 'Drew'}
 * console.log(form.status); // 'VALID'
 * ### Create a form group with a group-level validator
 * You include group-level validators as the second arg, or group-level async validators as the third arg. These come in handy when you want to perform validation that considers the value of more than one child control.
 * ```ts
 * const form = new FormGroup({
 *   password: new FormControl("", Validators.minLength(2)),
 *   passwordConfirm: new FormControl("", Validators.minLength(2)),
 * }, passwordMatchValidator);
 * function passwordMatchValidator(g: FormGroup) {
 *   return g.get('password').value === g.get('passwordConfirm').value ? null : {mismatch: true};
 * }
 * Like `FormControl` instances, you choose to pass in validators and async validators as part of an options object.
 * ```ts
 * const form = new FormGroup({
 *   password: new FormControl(""),
 *   passwordConfirm: new FormControl(""),
 * }, {
 *   validators: passwordMatchValidator,
 *   asyncValidators: otherValidator
 * });
 * ### Set the updateOn property for all controls in a form group
 * The options object is used to set a default value for each child control's `updateOn` property. If you set `updateOn` to `blur` at the group level, all child controls default to `blur`, unless the child has explicitly specified a different `updateOn` value.
 * ```ts
 * const c = new FormGroup({
 *   one: new FormControl(),
 * }, { updateOn: 'blur' });
 * @publicApi
 */
export class FormGroup extends AbstractControl {
  /**
   * Creates a new `FormGroup` instance.
   * @param controls A collection of child controls. The key for each child is the name under which it is registered.
   * @param validatorOrOpts A synchronous validator function, or an array of such functions, or an `AbstractControlOptions` object that contains validation functions and a validation trigger.
   * @param asyncValidator A single async validator or array of async validator functions
   */
  constructor(
    controls: {[key: string]: AbstractControl},
    validatorOrOpts?: ValidatorFn | ValidatorFn[] | AbstractControlOptions | null,
    asyncValidator?: AsyncValidatorFn | AsyncValidatorFn[] | null
  ) {
    super(
      coerceToValidator(validatorOrOpts),
      coerceToAsyncValidator(asyncValidator, validatorOrOpts)
    );
    this._initObservables();
    this._setUpdateStrategy(validatorOrOpts);
    this._setUpControls();
    this.updateValueAndValidity({onlySelf: true, emitEvent: false});
  }

  /**
   * Registers a control with the group's list of controls. This method does not update the value or validity of the control. Use {@link FormGroup#addControl addControl} instead.
   * @param name The control name to register in the collection
   * @param control Provides the control for the given name
   */
  registerControl(name: string, control: AbstractControl): AbstractControl {
    if (this.controls[name]) return this.controls[name];
    this.controls[name] = control;
    control.setParent(this);
    control._registerOnCollectionChange(this._onCollectionChange);
    return control;
  }

  /**
   * Add a control to this group. This method also updates the value and validity of the control.
   * @param name The control name to add to the collection
   * @param control Provides the control for the given name
   */
}

```

```

addControl(name: string, control: AbstractControl): void {\n  this.registerControl(name, control);\n
this.updateValueAndValidity();\n  this._onCollectionChange();\n }\n\n /**\n * Remove a control from this
group.\n * \n * @param name The control name to remove from the collection\n * \n removeControl(name:
string): void {\n  if (this.controls[name]) this.controls[name]._registerOnCollectionChange(() => {});\n  delete
(this.controls[name]);\n  this.updateValueAndValidity();\n  this._onCollectionChange();\n }\n\n /**\n *
Replace an existing control.\n * \n * @param name The control name to replace in the collection\n * @param
control Provides the control for the given name\n * \n setControl(name: string, control: AbstractControl): void {\n
if (this.controls[name]) this.controls[name]._registerOnCollectionChange(() => {});\n  delete
(this.controls[name]);\n  if (control) this.registerControl(name, control);\n  this.updateValueAndValidity();\n
this._onCollectionChange();\n }\n\n /**\n * Check whether there is an enabled control with the given name in the
group.\n * \n * Reports false for disabled controls. If you'd like to check for existence in the group\n * only, use
{@link AbstractControl#get get} instead.\n * \n * @param controlName The control name to check for existence
in the collection\n * \n * @returns false for disabled controls, true otherwise.\n * \n contains(controlName:
string): boolean {\n  return this.controls.hasOwnProperty(controlName) && this.controls[controlName].enabled;\n
}\n\n /**\n * Sets the value of the `FormGroup`. It accepts an object that matches\n * the structure of the group,
with control names as keys.\n * \n * @usageNotes\n * ### Set the complete value for the form group\n * \n *
```\n * const form = new FormGroup({\n *   first: new FormControl(),\n *   last: new FormControl()\n * });\n *
console.log(form.value); // {first: null, last: null}\n * \n * form.setValue({first: 'Nancy', last: 'Drew'});\n *
console.log(form.value); // {first: 'Nancy', last: 'Drew'}\n * ```\n * \n * @throws When strict checks fail, such
as setting the value of a control\n * that doesn't exist or if you exclude a value of a control that does exist.\n *
\n * @param value The new value for the control that matches the structure of the group.\n * @param options
Configuration options that determine how the control propagates changes\n * and emits events after the value
changes.\n * The configuration options are passed to the {@link AbstractControl#updateValueAndValidity\n *
updateValueAndValidity} method.\n * \n * * `onlySelf`: When true, each change only affects this control, and not
its parent. Default is\n * false.\n * * `emitEvent`: When true or not supplied (the default), both the
`statusChanges` and\n * `valueChanges`\n * observables emit events with the latest status and value when the
control value is updated.\n * When false, no events are emitted.\n * \n setValue(value: {[key: string]: any},
options: {onlySelf?: boolean, emitEvent?: boolean} = {}): void {\n this._checkAllValuesPresent(value);\n
Object.keys(value).forEach(name => {\n this._throwIfControlMissing(name);\n
this.controls[name].setValue(value[name], {onlySelf: true, emitEvent: options.emitEvent});\n });\n
this.updateValueAndValidity(options);\n }\n\n /**\n * Patches the value of the `FormGroup`. It accepts an object
with control\n * names as keys, and does its best to match the values to the correct controls\n * in the group.\n *
\n * It accepts both super-sets and sub-sets of the group without throwing an error.\n * \n * @usageNotes\n *
Patch the value for a form group\n * \n * ```\n * const form = new FormGroup({\n * first: new
FormControl(),\n * last: new FormControl()\n * });\n * console.log(form.value); // {first: null, last: null}\n *
\n * form.patchValue({first: 'Nancy'});\n * console.log(form.value); // {first: 'Nancy', last: null}\n * ```\n *
\n * @param value The object that matches the structure of the group.\n * @param options Configuration options that
determine how the control propagates changes and\n * emits events after the value is patched.\n * * `onlySelf`:
When true, each change only affects this control and not its parent. Default is\n * true.\n * * `emitEvent`: When
true or not supplied (the default), both the `statusChanges` and\n * `valueChanges`\n * observables emit events
with the latest status and value when the control value is updated.\n * When false, no events are emitted.\n * The
configuration options are passed to the {@link AbstractControl#updateValueAndValidity\n *
updateValueAndValidity} method.\n * \n patchValue(value: {[key: string]: any}, options: {onlySelf?: boolean,
emitEvent?: boolean} = {}): void {\n Object.keys(value).forEach(name => {\n if (this.controls[name]) {\n
 this.controls[name].patchValue(value[name], {onlySelf: true, emitEvent: options.emitEvent});\n }\n });\n
this.updateValueAndValidity(options);\n }\n\n /**\n * Resets the `FormGroup`, marks all descendants are marked
`pristine` and `untouched`, and\n * the value of all descendants to null.\n * \n * You reset to a specific form state
by passing in a map of states\n * that matches the structure of your form, with control names as keys. The state\n

```

\* is a standalone value or a form state object with both a value and a disabled status. @param value Resets the control with an initial value, or an object that defines the initial value and disabled state. @param options Configuration options that determine how the control propagates changes and emits events when the group is reset. \* `onlySelf`: When true, each change only affects this control, and not its parent. Default is false. \* `emitEvent`: When true or not supplied (the default), both the `statusChanges` and `valueChanges` observables emit events with the latest status and value when the control is reset. When false, no events are emitted. The configuration options are passed to the { @link AbstractControl#updateValueAndValidity updateValueAndValidity } method. @usageNotes

```

Reset the form group values
const form = new FormGroup({
 first: new FormControl('first name'),
 last: new FormControl('last name')
});
console.log(form.value); // {first: 'first name', last: 'last name'}
form.reset({ first: 'name', last: 'last name' });
console.log(form.value); // {first: 'name', last: 'last name'}

Reset the form group values and disabled status
const form = new FormGroup({
 first: new FormControl('first name'),
 last: new FormControl('last name')
});
form.reset({ first: { value: 'name', disabled: true }, last: 'last' });
console.log(this.form.value); // {first: 'name', last: 'last name'}
console.log(this.form.get('first').status); // 'DISABLED'

^ reset(value: any = {}, options: { onlySelf?: boolean, emitEvent?: boolean } = {}): void
 this._forEachChild((control: AbstractControl, name: string) => {
 control.reset(value[name], { onlySelf: true, emitEvent: options.emitEvent });
 });
 this._updatePristine(options);
 this._updateTouched(options);
 this.updateValueAndValidity(options);
}

/** The aggregate value of the `FormGroup`, including any disabled controls.
 * Retrieves all values regardless of disabled status.
 * The `value` property is the best way to get the value of the group, because it excludes disabled controls in the `FormGroup`.
 ^ getRawValue(): any
 return this._reduceChildren({}, (acc: {[k: string]: AbstractControl}, control: AbstractControl, name: string) => {
 acc[name] = control instanceof FormControl ? control.value : (<any>control).getRawValue();
 return acc;
 });

@internal
_syncPendingControls(): boolean
 let subtreeUpdated = this._reduceChildren(false, (updated: boolean, child: AbstractControl) => {
 return child._syncPendingControls() ? true : updated;
 });
 if (subtreeUpdated) this.updateValueAndValidity({ onlySelf: true });
 return subtreeUpdated;

@internal
_throwIfControlMissing(name: string): void
 if (!Object.keys(this.controls).length) {
 throw new Error(`There are no form controls registered with this group yet. If you're using ngModel, you may want to check next tick (e.g. use setTimeout).`);
 }
 if (!this.controls[name]) {
 throw new Error(`Cannot find form control with name: ${name}.`);
 }

@internal
_forEachChild(cb: (v: any, k: string) => void): void
 Object.keys(this.controls).forEach(k => cb(this.controls[k], k));

@internal
_setupControls(): void
 this._forEachChild((control: AbstractControl) => {
 control.setParent(this);
 control._registerOnCollectionChange(this._onCollectionChange);
 });

@internal
_updateValue(): void
 (this as { value: any }).value = this._reduceValue();

@internal
_anyControls(condition: Function): boolean
 let res = false;
 this._forEachChild((control: AbstractControl, name: string) => {
 res = res || (this.contains(name) && condition(control));
 });
 return res;

@internal
_reduceValue()
 return this._reduceChildren({}, (acc: {[k: string]: AbstractControl}, control: AbstractControl, name: string) => {
 if (control.enabled || this.disabled) {
 acc[name] = control.value;
 }
 return acc;
 });

@internal
_reduceChildren(initValue: any, fn: Function)
 let res = initValue;
 this._forEachChild((control: AbstractControl, name: string) => {
 res = fn(res, control, name);
 });
 return res;

@internal
_allControlsDisabled(): boolean
 for (const controlName of Object.keys(this.controls)) {
 if (this.controls[controlName].enabled) {
 return false;
 }
 }
 return Object.keys(this.controls).length > 0 || this.disabled;

@internal
_checkAllValuesPresent(value: any): void
 this._forEachChild((control: AbstractControl, name: string) => {
 if (value[name] === undefined) {
 throw new Error(`Must supply a value for form control with name: '${name}'.`);
 }
 });

* Tracks the value and validity state of an array of `FormControl`, `FormGroup` or `FormArray` instances.
* A `FormArray` aggregates the values of each child `FormControl`

```



into an array. It calculates its status by reducing the status values of its children. For example, if one of the controls in a `FormArray` is invalid, the entire array becomes invalid. `FormArray` is one of the three fundamental building blocks used to define forms in Angular, along with `FormControl` and `FormGroup`.

```

@usageNotes
Create an array of form controls
const arr = new FormArray([
 new FormControl('Nancy', Validators.minLength(2)),
 new FormControl('Drew')
]);
console.log(arr.value); // ['Nancy', 'Drew']
console.log(arr.status); // 'VALID'
Create a form array with array-level validators
You include array-level validators and async validators. These come in handy when you want to perform validation that considers the value of more than one child control.
The two types of validators are passed in separately as the second and third arg respectively, or together as part of an options object.
const arr = new FormArray([
 new FormControl('Nancy'),
 new FormControl('Drew')
], { validators: myValidator, asyncValidators: myAsyncValidator });
Set the updateOn property for all controls in a form array
The options object is used to set a default value for each child control's `updateOn` property. If you set `updateOn` to `blur` at the array level, all child controls default to `blur`, unless the child has explicitly specified a different `updateOn` value.
const arr = new FormArray([
 new FormControl(),
], { updateOn: 'blur' });
Adding or removing controls from a form array
To change the controls in the array, use the `push`, `insert`, `removeAt` or `clear` methods in `FormArray` itself. These methods ensure the controls are properly tracked in the form's hierarchy. Do not modify the array of `AbstractControl`s used to instantiate the `FormArray` directly, as that result in strange and unexpected behavior such as broken change detection.
@publicApi
export class FormArray extends AbstractControl {
 /**
 * Creates a new `FormArray` instance.
 * @param controls An array of child controls. Each child control is given an index where it is registered.
 * @param validatorOrOpts A synchronous validator function, or an array of such functions, or an `AbstractControlOptions` object that contains validation functions and a validation trigger.
 * @param asyncValidator A single async validator or array of async validator functions
 */
 constructor(
 public controls: AbstractControl[],
 validatorOrOpts?: ValidatorFn | ValidatorFn[] | AbstractControlOptions | null,
 asyncValidator?: AsyncValidatorFn | AsyncValidatorFn[] | null
) {
 super(
 coerceToValidator(validatorOrOpts),
 coerceToAsyncValidator(asyncValidator, validatorOrOpts)
);
 this._initObservables();
 this._setUpdateStrategy(validatorOrOpts);
 this._setUpControls();
 this.updateValueAndValidity({ onlySelf: true, emitEvent: false });
 }

 /**
 * Get the `AbstractControl` at the given `index` in the array.
 * @param index Index in the array to retrieve the control
 */
 at(index: number): AbstractControl {
 return this.controls[index];
 }

 /**
 * Insert a new `AbstractControl` at the end of the array.
 * @param control Form control to be inserted
 */
 push(control: AbstractControl): void {
 this.controls.push(control);
 this._registerControl(control);
 this.updateValueAndValidity();
 this._onCollectionChange();
 }

 /**
 * Insert a new `AbstractControl` at the given `index` in the array.
 * @param index Index in the array to insert the control
 * @param control Form control to be inserted
 */
 insert(index: number, control: AbstractControl): void {
 this.controls.splice(index, 0, control);
 this._registerControl(control);
 this.updateValueAndValidity();
 }

 /**
 * Remove the control at the given `index` in the array.
 * @param index Index in the array to remove the control
 */
 removeAt(index: number): void {
 if (this.controls[index]) this.controls[index]._registerOnCollectionChange(() => {});
 this.controls.splice(index, 1);
 this.updateValueAndValidity();
 }

 /**
 * Replace an existing control.
 * @param index Index in the array to replace the control
 * @param control The `AbstractControl` control to replace the existing control
 */
 setControl(index: number, control: AbstractControl): void {
 if (this.controls[index]) this.controls[index]._registerOnCollectionChange(() => {});
 this.controls.splice(index, 1);
 if (control) {
 this.controls.splice(index, 0, control);
 this._registerControl(control);
 }
 this.updateValueAndValidity();
 this._onCollectionChange();
 }

 /**
 * Length of the control array.
 */
 get length(): number {
 return this.controls.length;
 }

 /**
 * Sets the value of the `FormArray`. It accepts an array that matches the structure of the control. This method performs strict checks, and throws an error if you try to set the value of a control that doesn't exist or if you exclude the value of a control.

```

```

*\n * @usageNotes\n * ### Set the values for the controls in the form array\n *\n * ``\n * const arr = new
FormArray([\n * new FormControl(),\n * new FormControl()\n *]);\n * console.log(arr.value); // [null,
null]\n *\n * arr.setValue(['Nancy', 'Drew']);\n * console.log(arr.value); // ['Nancy', 'Drew']\n * ``\n *\n *
@param value Array of values for the controls\n * @param options Configure options that determine how the
control propagates changes and\n * emits events after the value changes\n *\n * * `onlySelf`: When true, each
change only affects this control, and not its parent. Default\n * is false.\n * * `emitEvent`: When true or not
supplied (the default), both the `statusChanges` and\n * `valueChanges`\n * observables emit events with the
latest status and value when the control value is updated.\n * When false, no events are emitted.\n * The
configuration options are passed to the {@link AbstractControl#updateValueAndValidity\n *
updateValueAndValidity} method.\n */\n setValue(value: any[], options: {onlySelf?: boolean, emitEvent?:
boolean} = {}): void {\n * this._checkAllValuesPresent(value);\n * value.forEach((newValue: any, index: number)
=> {\n * this._throwIfControlMissing(index);\n * this.at(index).setValue(newValue, {onlySelf: true, emitEvent:
options.emitEvent});\n * });\n * this.updateValueAndValidity(options);\n * }\n\n /**\n * Patches the value of the
`FormArray`. It accepts an array that matches the\n * structure of the control, and does its best to match the values
to the correct\n * controls in the group.\n *\n * It accepts both super-sets and sub-sets of the array without
throwing an error.\n *\n * @usageNotes\n * ### Patch the values for controls in a form array\n *\n * ``\n *\n *
const arr = new FormArray([\n * new FormControl(),\n * new FormControl()\n *]);\n *\n *
console.log(arr.value); // [null, null]\n *\n * arr.patchValue(['Nancy']);\n * console.log(arr.value); // ['Nancy',
null]\n * ``\n *\n * @param value Array of latest values for the controls\n * @param options Configure
options that determine how the control propagates changes and\n * emits events after the value changes\n *\n * *
`onlySelf`: When true, each change only affects this control, and not its parent. Default\n * is false.\n * *
`emitEvent`: When true or not supplied (the default), both the `statusChanges` and\n * `valueChanges`\n *
observables emit events with the latest status and value when the control value is updated.\n * When false, no
events are emitted.\n * The configuration options are passed to the {@link
AbstractControl#updateValueAndValidity\n * updateValueAndValidity} method.\n */\n patchValue(value:
any[], options: {onlySelf?: boolean, emitEvent?: boolean} = {}): void {\n * value.forEach((newValue: any, index:
number) => {\n * if (this.at(index)) {\n * this.at(index).patchValue(newValue, {onlySelf: true, emitEvent:
options.emitEvent});\n * }\n * });\n * this.updateValueAndValidity(options);\n * }\n\n /**\n * Resets the
`FormArray` and all descendants are marked `pristine` and `untouched`, and the\n * value of all descendants to null
or null maps.\n *\n * You reset to a specific form state by passing in an array of states\n * that matches the
structure of the control. The state is a standalone value\n * or a form state object with both a value and a disabled
status.\n *\n * @usageNotes\n * ### Reset the values in a form array\n *\n * ``ts\n * const arr = new
FormArray([\n * new FormControl(),\n * new FormControl()\n *]);\n * arr.reset(['name', 'last name']);\n *
*\n * console.log(this.arr.value); // ['name', 'last name']\n * ``\n *\n * ### Reset the values in a form array and
the disabled status for the first control\n *\n * ``\n *\n * this.arr.reset([\n * {value: 'name', disabled: true},\n *
'last'\n *]);\n * console.log(this.arr.value); // ['name', 'last name']\n * console.log(this.arr.get(0).status); //
'DISABLED'\n * ``\n *\n * @param value Array of values for the controls\n * @param options Configure
options that determine how the control propagates changes and\n * emits events after the value changes\n *\n * *
`onlySelf`: When true, each change only affects this control, and not its parent. Default\n * is false.\n * *
`emitEvent`: When true or not supplied (the default), both the `statusChanges` and\n * `valueChanges`\n *
observables emit events with the latest status and value when the control is reset.\n * When false, no events are
emitted.\n * The configuration options are passed to the {@link AbstractControl#updateValueAndValidity\n *
updateValueAndValidity} method.\n */\n reset(value: any = [], options: {onlySelf?: boolean, emitEvent?:
boolean} = {}): void {\n * this._forEachChild((control: AbstractControl, index: number) => {\n *
control.reset(value[index], {onlySelf: true, emitEvent: options.emitEvent});\n * });\n *
this._updatePristine(options);\n * this._updateTouched(options);\n * this.updateValueAndValidity(options);\n * }\n\n
/**\n * The aggregate value of the array, including any disabled controls.\n *\n * Reports all values regardless of
disabled status.\n *\n * For enabled controls only, the `value` property is the best way to get the value of the array.\n

```

```
*/\n getRawValue(): any[] {\n return this.controls.map((control: AbstractControl) => {\n return control\n instanceof FormControl ? control.value : (<any>control).getRawValue();\n });\n}\n\n/**\n * Remove all\n * controls in the `FormArray`.\n * @usageNotes\n * ### Remove all elements from a FormArray\n * ``\n * const arr = new FormArray([\n * new FormControl(),\n * new FormControl()\n *]);\n * console.log(arr.length); // 2\n * arr.clear();\n * console.log(arr.length); // 0\n * ``\n * It's a simpler\n * and more efficient alternative to removing all elements one by one:\n * ``\n * const arr = new\n * FormArray([\n * new FormControl(),\n * new FormControl()\n *]);\n * while (arr.length) {\n * arr.removeAt(0);\n * }\n * ``\n */\n clear(): void {\n if (this.controls.length < 1) return;\n this._forEachChild((control: AbstractControl) => control._registerOnCollectionChange(() => {}));\n this.controls.splice(0);\n this.updateValueAndValidity();\n}\n\n/** @internal */\n _syncPendingControls():\n boolean {\n let subtreeUpdated = this.controls.reduce((updated: boolean, child: AbstractControl) => {\n return\n child._syncPendingControls() ? true : updated;\n }, false);\n if (subtreeUpdated)\n this.updateValueAndValidity({onlySelf: true});\n return subtreeUpdated;\n}\n\n/** @internal */\n _throwIfControlMissing(index: number): void {\n if (!this.controls.length) {\n throw new Error(`\n There\n are no form controls registered with this array yet. If you're using ngModel,\n you may want to check next tick\n (e.g. use setTimeout).\n `);\n }\n if (!this.at(index)) {\n throw new Error(`Cannot find form control at\n index ${index}`);\n }\n}\n\n/** @internal */\n _forEachChild(cb: Function): void {\n this.controls.forEach((control: AbstractControl, index: number) => { cb(control, index); });\n}\n\n/** @internal\n * */\n _updateValue(): void {\n (this as {value: any}).value =\n this.controls.filter((control) => control.enabled\n || this.disabled)\n .map((control) => control.value);\n}\n\n/** @internal */\n _anyControls(condition:\n Function): boolean {\n return this.controls.some((control: AbstractControl) => control.enabled &&\n condition(control));\n}\n\n/** @internal */\n _setUpControls(): void {\n this._forEachChild((control:\n AbstractControl) => this._registerControl(control));\n}\n\n/** @internal */\n _checkAllValuesPresent(value:\n any): void {\n this._forEachChild((control: AbstractControl, i: number) => {\n if (value[i] === undefined) {\n throw new Error(`Must supply a value for form control at index: ${i}.`);\n }\n });\n}\n\n/** @internal */\n _allControlsDisabled(): boolean {\n for (const control of this.controls) {\n if (control.enabled) return false;\n }\n return this.controls.length > 0 || this.disabled;\n}\n\nprivate _registerControl(control: AbstractControl) {\n control.setParent(this);\n control._registerOnCollectionChange(this._onCollectionChange);\n}\n}\n\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-\n * style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport {AfterViewInit,\n Directive, EventEmitter, Inject, Input, Optional, Self, forwardRef} from '@angular/core';\nimport {\n AbstractControl, FormControl, FormGroup, FormHooks} from './model';\nimport {NG_ASYNC_VALIDATORS,\n NG_VALIDATORS} from './validators';\nimport {ControlContainer} from './control_container';\nimport {Form}\n from './form_interface';\nimport {NgControl} from './ng_control';\nimport {NgModel} from './ng_model';\nimport {\n NgModelGroup} from './ng_model_group';\nimport {composeAsyncValidators, composeValidators, removeDir,\n setUpControl, setUpFormContainer, syncPendingControls} from './shared';\n\nexport const formDirectiveProvider:\n any = {\n provide: ControlContainer,\n useExisting: forwardRef(() => NgForm)\n};\n\nconst resolvedPromise = ((\n => Promise.resolve(null));\n\n/**\n * @description\n * Creates a top-level `FormGroup` instance and binds it to a\n * form\n * to track aggregate form value and validation status.\n * As soon as you import the `FormsModule`, this\n * directive becomes active by default on\n * all `` tags. You don't need to add a special selector.\n * You\n * optionally export the directive into a local template variable using `ngForm` as the key\n * (ex:\n * `#myForm=ngForm`). This is optional, but useful. Many properties from the underlying\n * `FormGroup`\n * instance are duplicated on the directive itself, so a reference to it\n * gives you access to the aggregate value and\n * validity status of the form, as well as\n * user interaction properties like `dirty` and `touched`.\n * To register\n * child controls with the form, use `NgModel` with a `name` attribute. You may use `NgModelGroup` to create\n * sub-groups within the form.\n * If necessary, listen to the directive's `ngSubmit` event to be notified when the\n * user has\n * triggered a form submission. The `ngSubmit` event emits the original form\n * submission event.\n * In template driven forms, all `` tags are automatically tagged as `NgForm`.\n * To import the
```

`FormsModule` but skip its usage in some forms, for example, to use native HTML5 validation, add the `ngNoForm` and the `<form>` tags won't create an `NgForm` directive. In reactive forms, using `ngNoForm` is unnecessary because the `<form>` tags are inert. In that case, you would refrain from using the `formGroup` directive.

**@usageNotes**

**### Listening for form submission**

The following example shows how to capture the form values from the `'ngSubmit'` event.

**@example**

`forms/ts/simpleForm/simple_form_example.ts`

**region='Component'**

**### Setting the update options**

The following example shows you how to change the `'updateOn'` option from its default using `ngFormOptions`.

```

<html>
<form [ngFormOptions]="{updateOn: 'blur'}">
 <input name="one"
 ngModel>
 <!-- this ngModel will update on blur -->
</form>
</html>

```

**### Native DOM validation UI**

In order to prevent the native DOM form validation UI from interfering with Angular's form validation, Angular automatically adds the `novalidate` attribute on any `<form>` whenever `FormsModule` or `ReactiveFormsModule` are imported into the application. If you want to explicitly enable native DOM validation UI with Angular forms, you can add the `ngNativeValidate` attribute to the `<form>` element:

```

<html>
<form ngNativeValidate>
 ...
</form>

```

**@ngModule** `FormsModule`

**@publicApi**

**@Directive**

```

({
 selector: 'form:not([ngNoForm]):not([formGroup]),ng-form,[ngForm]',
 providers: [formDirectiveProvider],
 host: {'(submit)': 'onSubmit($event)', '(reset)': 'onReset()'},
 outputs: ['ngSubmit'],
 exportAs: 'ngForm'})
export class NgForm extends FormControl implements Form,
 AfterViewInit {
 /**
 * @description
 * Returns whether the form submission has been triggered.
 */
 public readonly submitted: boolean = false;

 private _directives: NgModel[] = [];

 /**
 * @description
 * The FormGroup instance created for this form.
 */
 form: FormGroup;

 /**
 * @description
 * Event emitter for the 'ngSubmit' event
 */
 ngSubmit = new EventEmitter();

 /**
 * @description
 * Tracks options for the NgForm instance.
 */
 /** updateOn: Sets the default 'updateOn' value for all child NgModels below it unless explicitly set by a child NgModel using ngModelOptions. Defaults to 'change'. Possible values: 'change' | 'blur' | 'submit'.
 */
 // TODO(issue/24571): remove '!'.
 @Input('ngFormOptions') options!: {updateOn?: FormHooks};

 constructor(
 @Optional() @Self()
 @Inject(NG_VALIDATORS) validators: any[],
 @Optional() @Self() @Inject(NG_ASYNC_VALIDATORS)
 asyncValidators: any[]) {
 super();
 this.form = new FormGroup({}, composeValidators(validators),
 composeAsyncValidators(asyncValidators));
 }

 /**
 * @description
 * Lifecycle method called after the view is initialized. For internal use only.
 */
 ngAfterViewInit() {
 this._setUpdateStrategy();
 }

 /**
 * @description
 * The directive instance.
 */
 get formDirective(): Form {
 return this;
 }

 /**
 * @description
 * The internal FormGroup instance.
 */
 get control(): FormGroup {
 return this.form;
 }

 /**
 * @description
 * Returns an array representing the path to this group. Because this directive always lives at the top level of a form, it is always an empty array.
 */
 get path(): string[] {
 return [];
 }

 /**
 * @description
 * Returns a map of the controls in this group.
 */
 get controls(): {[key: string]: FormControl} {
 return this.form.controls;
 }

 /**
 * @description
 * Method that sets up the control directive in this group, re-calculates its value and validity, and adds the instance to the internal list of directives.
 */
 /**
 * @param dir The NgModel directive instance.
 */
 addControl(dir: NgModel): void {
 resolvedPromise.then(() => {
 const container = this._findContainer(dir.path);
 (dir as {control: FormControl}).control = <FormControl>container.registerControl(dir.name, dir.control);
 setUpControl(dir.control, dir);
 dir.control.updateValueAndValidity({emitEvent: false});
 this._directives.push(dir);
 });
 }

 /**
 * @description
 * Retrieves the FormControl instance from the provided NgModel directive.
 */
 /**
 * @param dir The NgModel directive instance.
 */
 getControl(dir: NgModel): FormControl {
 return <FormControl>this.form.get(dir.path);
 }

 /**
 * @description
 * Removes the NgModel instance from the internal list of directives.
 */
 /**
 * @param dir The NgModel directive instance.
 */
 removeControl(dir: NgModel): void {
 resolvedPromise.then(() => {
 const container = this._findContainer(dir.path);
 if (container) {
 container.removeControl(dir.name);
 }
 removeDir<NgModel>(this._directives, dir);
 });
 }

 /**
 * @description
 * Adds a new NgModelGroup directive instance to the form.
 */
 /**
 * @param dir The NgModelGroup directive instance.

```

```

*\n addFormGroup(dir: NgModelGroup): void {\n resolvedPromise.then() => {\n const container =
this._findContainer(dir.path);\n const group = new FormGroup({});\n setUpFormContainer(group, dir);\n container.registerControl(dir.name, group);\n group.updateValueAndValidity({emitEvent: false});\n });\n}\n\n/**\n * @description\n * Removes the `NgModelGroup` directive instance from the form.\n *\n * @param dir The `NgModelGroup` directive instance.\n */\n removeFormGroup(dir: NgModelGroup): void {\n resolvedPromise.then() => {\n const container = this._findContainer(dir.path);\n if (container) {\n container.removeControl(dir.name);\n }\n });\n}\n\n/**\n * @description\n * Retrieves the `FormGroup` for a provided `NgModelGroup` directive instance\n *\n * @param dir The `NgModelGroup` directive instance.\n */\n getFormGroup(dir: NgModelGroup): FormGroup { return <FormGroup>this.form.get(dir.path); }\n\n/**\n * Sets the new value for the provided `NgControl` directive.\n *\n * @param dir The `NgControl` directive instance.\n * @param value The new value for the directive's control.\n */\n updateModel(dir: NgControl, value: any): void {\n resolvedPromise.then() => {\n const ctrl = <FormControl>this.form.get(dir.path !);\n ctrl.setValue(value);\n });\n}\n\n/**\n * @description\n * Sets the value for this `FormGroup`.\n *\n * @param value The new value\n */\n setValue(value: {[key: string]: any}): void { this.control.setValue(value); }\n\n/**\n * @description\n * Method called when the "submit" event is triggered on the form.\n * Triggers the `ngSubmit` emitter to emit the "submit" event as its payload.\n *\n * @param $event The "submit" event object\n */\n onSubmit($event: Event): boolean {\n (this as {submitted: boolean}).submitted = true;\n syncPendingControls(this.form, this._directives);\n this.ngSubmit.emit($event);\n return false;\n}\n\n/**\n * @description\n * Method called when the "reset" event is triggered on the form.\n */\n onReset(): void { this.resetForm(); }\n\n/**\n * @description\n * Resets the form to an initial value and resets its submitted status.\n *\n * @param value The new value for the form.\n */\n resetForm(value: any = undefined): void {\n this.form.reset(value);\n (this as {submitted: boolean}).submitted = false;\n}\n\n private _setUpdateStrategy() {\n if (this.options && this.options.updateOn != null) {\n this.form._updateOn = this.options.updateOn;\n }\n}\n\n/** @internal */\n _findContainer(path: string[]): FormGroup {\n path.pop();\n return path.length ? <FormGroup>this.form.get(path) : this.form;\n}\n}\n\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport { OnDestroy, OnInit } from '@angular/core';\nimport { FormGroup } from './model';\nimport { ControlContainer } from './control_container';\nimport { Form } from './form_interface';\nimport { composeAsyncValidators, composeValidators, controlPath } from './shared';\nimport { AsyncValidatorFn, ValidatorFn } from './validators';\n\n\n/**\n * @description\n * A base class for code shared between the `NgModelGroup` and `FormGroupName` directives.\n *\n * @publicApi\n */\nexport class AbstractFormGroupDirective extends ControlContainer implements OnInit, OnDestroy {\n /**\n * The parent control for the group\n *\n * @internal\n */\n // TODO(issue/24571): remove '!'.\n _parent!: ControlContainer;\n\n /**\n * An array of synchronous validators for the group\n *\n * @internal\n */\n // TODO(issue/24571): remove '!'.\n _validators!: any[];\n\n /**\n * An array of async validators for the group\n *\n * @internal\n */\n // TODO(issue/24571): remove '!'.\n _asyncValidators!: any[];\n\n /**\n * An internal callback method triggered on the instance after the inputs are set.\n */\n registers the group with its parent group.\n\n ngOnInit(): void {\n this._checkParentType();\n this.formDirective!.addFormGroup(this);\n }\n\n /**\n * An internal callback method triggered before the instance is destroyed.\n */\n Removes the group from its parent group.\n\n ngOnDestroy(): void {\n if (this.formDirective) {\n this.formDirective.removeFormGroup(this);\n }\n }\n\n /**\n * The `FormGroup` bound to this directive.\n */\n get control(): FormGroup {\n return this.formDirective!.getFormGroup(this);\n }\n\n /**\n * The path to this group from the top-level directive.\n */\n get path(): string[] {\n return controlPath(this.name == null ? this.name : this.name.toString(), this._parent);\n }\n\n /**\n * The top-level directive for this group if present, otherwise null.\n */\n get formDirective(): Form|null {\n return this._parent ? this._parent.formDirective : null;\n }\n\n /**\n * The synchronous validators registered with this group.\n */\n get validator(): ValidatorFn|null {\n return composeValidators(this._validators);\n }\n\n /**\n * The

```

```

async validators registered with this group.\n *^n get asyncValidator(): AsyncValidatorFn|null {\n return
composeAsyncValidators(this._asyncValidators);\n }\n\n /** @internal */\n _checkParentType(): void
{\n }\n\n", "/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * \n * Use of this source code is
governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n
*\n\nimport {FormErrorExamples as Examples} from './error_examples';\n\nexport class TemplateDrivenErrors {\n
static modelParentException(): void {\n throw new Error(`\n ngModel cannot be used to register form controls
with a parent formGroup directive. Try using\n formGroup's partner directive \"formControlName\" instead.
Example:\n\n ${Examples.formControlName}\n\n Or, if you'd like to avoid registering this form control,
indicate that it's standalone in ngModelOptions:\n\n Example:\n\n
${Examples.ngModelWithFormGroup}`);\n }\n\n static formGroupNameException(): void {\n throw new
Error(`\n ngModel cannot be used to register form controls with a parent formGroupName or formArrayName
directive.\n\n Option 1: Use formControlName instead of ngModel (reactive strategy):\n\n
${Examples.formGroupName}\n\n Option 2: Update ngModel's parent be ngModelGroup (template-driven
strategy):\n\n ${Examples.ngModelGroup}`);\n }\n\n static missingNameException() {\n throw new Error(`\n
If ngModel is used within a form tag, either the name attribute must be set or the form\n control must be
defined as 'standalone' in ngModelOptions.\n\n Example 1: <input [(ngModel)]=\"person.firstName\"
name=\"first\">\n Example 2: <input [(ngModel)]=\"person.firstName\" [ngModelOptions]=\"{standalone:
true}\">`);\n }\n\n static modelGroupParentException() {\n throw new Error(`\n ngModelGroup cannot be
used with a parent formGroup directive.\n\n Option 1: Use formGroupName instead of ngModelGroup (reactive
strategy):\n\n ${Examples.formGroupName}\n\n Option 2: Use a regular form tag instead of the formGroup
directive (template-driven strategy):\n\n ${Examples.ngModelGroup}`);\n }\n\n", "/*\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n * \n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nimport {Directive, Host, Inject, Input,
OnDestroy, OnInit, Optional, Self, SkipSelf, forwardRef} from '@angular/core';\n\nimport
{NG_ASYNC_VALIDATORS, NG_VALIDATORS} from './validators';\n\nimport
{AbstractFormGroupDirective} from './abstract_form_group_directive';\n\nimport {ControlContainer} from
'./control_container';\n\nimport {NgForm} from './ng_form';\n\nimport {TemplateDrivenErrors} from
'./template_driven_errors';\n\nexport const modelGroupProvider: any = {\n provide: ControlContainer,\n
useExisting: forwardRef(() => NgModelGroup);\n};\n\n/**\n * @description\n * Creates and binds a `FormGroup`
instance to a DOM element.\n * \n * This directive can only be used as a child of `NgForm` (within `<form>` tags).\n
*\n * Use this directive to validate a sub-group of your form separately from the\n * rest of your form, or if some
values in your domain model make more sense\n * to consume together in a nested object.\n * \n * Provide a name
for the sub-group and it will become the key\n * for the sub-group in the form's full value. If you need direct access,
export the directive into\n * a local template variable using `ngModelGroup` (ex:
`#myGroup=\"ngModelGroup\"`).\n * \n * @usageNotes\n * ### Consuming controls in a grouping\n * \n * The
following example shows you how to combine controls together in a sub-group\n * of the form.\n * \n * @example
forms/ts/ngModelGroup/ng_model_group_example.ts region='Component'\n * \n * @ngModule FormsModule\n *
@publicApi\n * \n * @Directive({selector: '[ngModelGroup]', providers: [modelGroupProvider], exportAs:
'ngModelGroup'})\n * \n * export class NgModelGroup extends AbstractFormGroupDirective implements OnInit,
OnDestroy {\n * \n * \n * @description\n * Tracks the name of the `NgModelGroup` bound to the directive. The
name corresponds\n * to a key in the parent `NgForm`.\n * \n * // TODO(issue/24571): remove '!.\n
@Input('ngModelGroup') name!: string;\n * \n * constructor(\n * \n * @Host() @SkipSelf() parent: ControlContainer,\n
@Optional() @Self() @Inject(NG_VALIDATORS) validators: any[],\n * \n * @Optional() @Self()
@Inject(NG_ASYNC_VALIDATORS) asyncValidators: any[]) {\n * \n * super();\n * \n * this._parent = parent;\n
this._validators = validators;\n * \n * this._asyncValidators = asyncValidators;\n * \n * }\n * \n * /** @internal */\n
_checkParentType(): void {\n * \n * if (!(this._parent instanceof NgModelGroup) && !(this._parent instanceof
NgForm)) {\n * \n * TemplateDrivenErrors.modelGroupParentException();\n * \n * }\n * \n * }\n * \n *", "/*\n *
@license\n * Copyright Google Inc. All Rights Reserved.\n * \n * Use of this source code is governed by an MIT-style license that

```

can be found in the LICENSE file at <https://angular.io/license>

```

import { Directive, EventEmitter, Host, Inject, Input, OnChanges, OnDestroy, Optional, Output, Self, SimpleChanges, forwardRef } from '@angular/core';
import { FormControl, FormHooks } from './model';
import { NG_ASYNC_VALIDATORS, NG_VALIDATORS } from './validators';
import { AbstractFormGroupDirective } from './abstract_form_group_directive';
import { ControlContainer } from './control_container';
import { ControlValueAccessor, NG_VALUE_ACCESSOR } from './control_value_accessor';
import { NgControl } from './ng_control';
import { NgForm } from './ng_form';
import { NgModelGroup } from './ng_model_group';
import { composeAsyncValidators, composeValidators, controlPath, isPropertyUpdated, selectValueAccessor, setUpControl } from './shared';
import { TemplateDrivenErrors } from './template_driven_errors';
import { AsyncValidator, AsyncValidatorFn, Validator, ValidatorFn } from './validators';
export const formControlBinding: any = {
 provide: NgControl,
 useExisting: forwardRef(() => NgModel),
};
`ngModel` forces an additional change detection run when its inputs change:
E.g.:
<div>{{ myModel.valid }}</div>
<input [(ngModel)]="myValue" #myModel="ngModel">
I.e. `ngModel` can export itself on the element and then be used in the template.
Normally, this would result in expressions before the `input` that use the exported directive to have and old value as they have been dirty checked before. As this is a very common case for `ngModel`, we added this second change detection run.
Notes:
- this is just one extra run no matter how many `ngModel` have been changed.
- this is a general problem when using `exportAs` for directives!
const resolvedPromise = (() => Promise.resolve(null))();
@description
Creates a `FormControl` instance from a domain model and binds it to a form control element.
The `FormControl` instance tracks the value, user interaction, and validation status of the control and keeps the view synced with the model. If used within a parent form, the directive also registers itself with the form as a child control.
This directive is used by itself or as part of a larger form. Use the `ngModel` selector to activate it.
It accepts a domain model as an optional `Input`. If you have a one-way binding to `ngModel` with `[]` syntax, changing the value of the domain model in the component class sets the value in the view. If you have a two-way binding with `[]` syntax (also known as 'banana-box syntax'), the value in the UI always syncs back to the domain model in your class.
To inspect the properties of the associated `FormControl` (like validity state), export the directive into a local template variable using `ngModel` as the key (ex: `#myVar="ngModel"`). You then access the control using the directive's `control` property, but most properties used (like `valid` and `dirty`) fall through to the control anyway for direct access.
See a full list of properties directly available in `AbstractControlDirective`.
@see `RadioControlValueAccessor`
@see `SelectControlValueAccessor`
@usageNotes
Using ngModel on a standalone control
The following examples show a simple standalone control using `ngModel`:
{@example forms/ts/simpleNgModel/simple_ng_model_example.ts region='Component'}
When using the `ngModel` within <form> tags, you'll also need to supply a `name` attribute so that the control can be registered with the parent form under that name.
In the context of a parent form, it's often unnecessary to include one-way or two-way binding, as the parent form syncs the value for you. You access its properties by exporting it into a local template variable using `ngForm` such as (#f="ngForm"). Use the variable where needed on form submission.
If you do need to populate initial values into your form, using a one-way binding for `ngModel` tends to be sufficient as long as you use the exported form's value rather than the domain model's value on submit.
Using ngModel within a form
The following example shows controls using `ngModel` within a form:
{@example forms/ts/simpleForm/simple_form_example.ts region='Component'}
Using a standalone ngModel within a group
The following example shows you how to use a standalone ngModel control within a form. This controls the display of the form, but doesn't contain form data.
html
<form>
 <input name="login" ngModel placeholder="Login">
 <input type="checkbox" ngModel [ngModelOptions]="{standalone: true}"> Show more options?
</form>

```

```

name `@Input` property serves a different purpose.\n *`html`<form>\n * <my-person-control
name="Nancy" ngModel [ngModelOptions]="{name: 'user'}">\n * </my-person-control>\n * </form>\n * <!--
form value: {user: "} -->\n *`@ngModule FormsModule` `@publicApi` `@Directive`({\n selector:
'[ngModel]:not([formControlName]):not([formControl])',\n providers: [formControlBinding],\n exportAs:
'ngModel'})\n)\nexport class NgModel extends NgControl implements OnChanges,\n OnDestroy {\n public
readonly control: FormControl = new FormControl();\n // At runtime we coerce arbitrary values assigned to the
\'disabled\' input to a \'boolean'.\n // This is not reflected in the type of the property because outside of templates,
consumers\n // should only deal with booleans. In templates, a string is allowed for convenience and to\n // match
the native \'disabled attribute\' semantics which can be observed on input elements.\n // This static member tells the
compiler that values of type \'string\' can also be assigned\n // to the input in a template.\n /** @nodoc */\n static
ngAcceptInputType_isDisabled: boolean|string;\n /** @internal */\n _registered = false;\n /**\n *
`@description` Internal reference to the view model value.\n */\n viewModel: any;\n /**\n *
`@description` Tracks the name bound to the directive. The parent form\n */\n * uses this name as a key to retrieve
this control's value.\n */\n // TODO(issue/24571): remove '!.\n @Input() name!: string;\n /**\n *
`@description` Tracks whether the control is disabled.\n */\n // TODO(issue/24571): remove '!.\n @Input('disabled') isDisabled!: boolean;\n /**\n *
`@description` Tracks the value bound to this directive.\n */\n @Input('ngModel') model: any;\n /**\n *
`@description` Tracks the configuration options for this
`ngModel` instance.\n */\n *`name`*: An alternative to setting the name attribute on the form control element.
See\n */\n * the [example](api/forms/NgModel#using-ngmodel-on-a-standalone-control) for using `NgModel`\n */\n * as a
standalone control.\n */\n *`standalone`*: When set to true, the `ngModel` will not register itself with its parent
form,\n */\n * and acts as if it's not in the form. Defaults to false.\n */\n *`updateOn`*: Defines the event upon
which the form control value and validity update.\n */\n * Defaults to 'change'. Possible values: `change` | `blur` |
`submit`.\n */\n */\n // TODO(issue/24571): remove '!.\n @Input('ngModelOptions') options!: {name?:
string, standalone?: boolean, updateOn?: FormHooks};\n /**\n *
`@description` Event emitter for producing
the `ngModelChange` event after\n */\n * the view model updates.\n */\n @Output('ngModelChange') update = new
EventEmitter();\n constructor(@Optional() @Host() parent: ControlContainer,\n @Optional() @Self()
@Inject(NG_VALIDATORS) validators: Array<Validator|ValidatorFn>,\n @Optional() @Self()
@Inject(NG_ASYNC_VALIDATORS) asyncValidators: Array<AsyncValidator|AsyncValidatorFn>,\n @Optional() @Self() @Inject(NG_VALUE_ACCESSOR)\n valueAccessors: ControlValueAccessor[]) {\n
 super();\n this._parent = parent;\n this._rawValidators = validators || [];\n
 this._rawAsyncValidators = asyncValidators || [];\n this.valueAccessor = selectValueAccessor(this,
valueAccessors);\n }\n /**\n *
`@description` A lifecycle method called when
the directive's inputs change. For internal use\n */\n * only.\n */\n * @param changes A object
of key/value pairs for the set of changed inputs.\n */\n ngOnChanges(changes: SimpleChanges) {\n
 this._checkForErrors();\n if (!this._registered) this._setUpControl();\n if ('isDisabled' in
changes) {\n this._updateDisabled(changes);\n }\n if (isPropertyUpdated(changes,
this.viewModel)) {\n this._updateValue(this.model);\n this.viewModel = this.model;\n
 }\n }\n /**\n *
`@description` Lifecycle method called before the directive's
instance is destroyed. For internal\n */\n * use only.\n */\n ngOnDestroy(): void {\n
 this.formDirective && this.formDirective.removeControl(this);\n }\n /**\n *
`@description`
Returns an array that represents the path from the top-level form to this control.\n */\n * Each index is the
string name of the control on that level.\n */\n getPath(): string[] {\n return this._parent ?
controlPath(this.name, this._parent) : [this.name];\n }\n /**\n *
`@description`
The top-level directive for this control if present, otherwise null.\n */\n */\n get formDirective(): any {\n
 return this._parent ? this._parent.formDirective : null;\n }\n /**\n *
`@description`
Synchronous validator function composed of all the synchronous validators\n */\n * registered with this
directive.\n */\n */\n get validator(): ValidatorFn|null {\n return composeValidators(this._rawValidators);\n
 }\n /**\n *
`@description` Async validator function composed of all the async

```



```

validators registered with this\n * directive.\n */\n get asyncValidator():
AsyncValidatorFn|null {\n return composeAsyncValidators(this._rawAsyncValidators);\n }\n /*\n * @description\n * Sets the new value for the view model and emits an
`ngModelChange` event.\n */\n * @param newValue The new value emitted by
`ngModelChange`.\n */\n viewToModelUpdate(newValue: any): void {\n this.viewModel
= newValue;\n this.update.emit(newValue);\n }\n private _setUpControl(): void {\n
 this._setUpUpdateStrategy();\n this._isStandalone() ? this._setUpStandalone() :\n
this.formDirective.addControl(this);\n this._registered = true;\n }\n private
_setUpdateStrategy(): void {\n if (this.options && this.options.updateOn != null) {\n
this.control._updateOn = this.options.updateOn;\n }\n }\n private _isStandalone():
boolean {\n return !this._parent || !(this.options && this.options.standalone);\n }\n
private _setUpStandalone(): void {\n setUpControl(this.control, this);\n
this.control.updateValueAndValidity({ emitEvent: false });\n }\n private _checkForErrors(): void
{\n if (!this._isStandalone()) {\n this._checkParentType();\n }\n
this._checkName();\n }\n private _checkParentType(): void {\n if (!(this._parent
instanceof NgModelGroup) &&\n this._parent instanceof AbstractFormGroupDirective) {\n
TemplateDrivenErrors.formGroupNameException();\n } else if (\n !(this._parent instanceof
NgModelGroup) && !(this._parent instanceof NgForm)) {\n
TemplateDrivenErrors.modelParentException();\n }\n }\n private _checkName(): void
{\n if (this.options && this.options.name) this.name = this.options.name;\n if
(!this._isStandalone() && !this.name) {\n TemplateDrivenErrors.missingNameException();\n
}\n }\n private _updateValue(value: any): void {\n resolvedPromise.then(\n
() => { this.control.setValue(value, { emitViewToModelChange: false }); });\n }\n private
_updateDisabled(changes: SimpleChanges) {\n const disabledValue =
changes['isDisabled'].currentValue;\n const isDisabled =\n disabledValue === " ||
(disabledValue && disabledValue !== 'false');\n resolvedPromise.then(() => {\n if (isDisabled
&& !this.control.disabled) {\n this.control.disable();\n } else if (!isDisabled &&
this.control.disabled) {\n this.control.enable();\n }\n });\n }\n }
}
\n\n", "/*\n *
@license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport {Directive} from
'@angular/core';\n\n/*\n * @description\n * Adds `novalidate` attribute to all forms by default.\n * `novalidate`
is used to disable browser's native form validation.\n * If you want to use native validation with
Angular forms, just add `ngNativeValidate` attribute:\n * ``\n * <form ngNativeValidate></form>\n * ``\n *
\n * @publicApi\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n */\n\n@Directive({\n
selector: 'form:not([ngNoForm]):not([ngNativeValidate])',\n host: {'novalidate': ''},\n})\nexport class
ÉµNgNoValidate {\n}\n\nexport {ÉµNgNoValidate as NgNoValidate};\n", "/*\n * @license\n * Copyright Google
Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found
in the LICENSE file at https://angular.io/license\n */\n\nimport {Directive, EventEmitter, Inject, InjectionToken,
Input, OnChanges, Optional, Output, Self, SimpleChanges, forwardRef} from '@angular/core';\n\nimport
{FormControl} from '../model';\nimport {NG_ASYNC_VALIDATORS, NG_VALIDATORS} from
'../validators';\nimport {ControlValueAccessor, NG_VALUE_ACCESSOR} from
'../control_value_accessor';\nimport {NgControl} from '../ng_control';\nimport {ReactiveErrors} from
'../reactive_errors';\nimport {_ngModelWarning, composeAsyncValidators, composeValidators, isPropertyUpdated,
selectValueAccessor, setUpControl} from '../shared';\nimport {AsyncValidator, AsyncValidatorFn, Validator,
ValidatorFn} from '../validators';\n\n/*\n * Token to provide to turn off the ngModel warning on formControl and
formControlName.\n */\nexport const NG_MODEL_WITH_FORM_CONTROL_WARNING =\n new
InjectionToken('NgModelWithFormControlWarning');\n\nexport const formControlBinding: any = {\n provide:
NgControl,\n useExisting: forwardRef(() => FormControlDirective)};\n\n", "/*\n * @description\n * Syncs a

```

standalone `FormControl` instance to a form control element.

`@see [Reactive Forms Guide](guide/reactive-forms)`

`@see `FormControl``

`@see `AbstractControl``

`@usageNotes`

### Registering a single form control

The following examples shows how to register a standalone control and set its value.

```
{ @example forms/ts/simpleFormControl/simple_form_control_example.ts region='Component' }
```

### Use with `ngModel`

Support for using the `ngModel` input property and `ngModelChange` event with reactive form directives has been deprecated in Angular v6 and will be removed in a future version of Angular.

Now deprecated:

```
<html>
<input [formControl]="control" [(ngModel)]="value">
this.value = 'some value';

```

This has been deprecated for a few reasons. First, developers have found this pattern confusing. It seems like the actual `ngModel` directive is being used, but in fact it's an input/output property named `ngModel` on the reactive form directive that simply approximates (some of) its behavior. Specifically, it allows getting/setting the value and intercepting value events. However, some of `ngModel`'s other features - like delaying updates with `ngModelOptions` or exporting the directive - simply don't work, which has understandably caused some confusion.

In addition, this pattern mixes template-driven and reactive forms strategies, which we generally don't recommend because it doesn't take advantage of the full benefits of either strategy. Setting the value in the template violates the template-agnostic principles behind reactive forms, whereas adding a `FormControl`/FormGroup`` layer in the class removes the convenience of defining forms in the template.

To update your code before support is removed, you'll want to decide whether to stick with reactive form directives (and get/set values using reactive forms patterns) or switch over to template-driven directives.

After (choice 1 - use reactive forms):

```
<html>
<input [formControl]="control">
this.control.setValue('some value');

```

After (choice 2 - use template-driven forms):

```
<html>
<input [(ngModel)]="value">
this.value = 'some value';

```

By default, when you use this pattern, you will see a deprecation warning once in dev mode. You can choose to silence this warning by providing a config for `ReactiveFormsModule`` at import time:

```
imports: [
 ReactiveFormsModule.withConfig({ warnOnNgModelWithFormControl: 'never' });
]
```

Alternatively, you can choose to surface a separate warning for each instance of this pattern with a config value of `"always"`. This may help to track down where in the code the pattern is being used as the code is being updated.

`@ngModule ReactiveFormsModule``

`@publicApi``

```
@Directive({ selector: '[formControl]', providers: [formControlBinding], exportAs: 'ngForm' })
export class FormControlDirective extends NgControl implements OnChanges {
 /** Internal reference to the view model value.
 viewModel: any;
 /** Tracks the `FormControl` instance bound to the directive.
 // TODO(issue/24571): remove '!'.
 @Input('formControl') form!: FormControl;
 /** Triggers a warning that this input should not be used with reactive forms.
 @Input('disabled') set isDisabled(isDisabled: boolean) {
 ReactiveErrors.disabledAttrWarning();
 }
 // TODO(kara): remove next 4 properties once deprecation period is over
 /** @deprecated as of v6
 @Input('ngModel') model: any;
 /** @deprecated as of v6
 @Output('ngModelChange') update = new EventEmitter();
 /** Static property used to track whether any ngModel warnings have been sent across all instances of FormControlDirective. Used to support warning config of "once".
 @internal
 static _ngModelWarningSentOnce = false;
 /** Instance property used to track whether an ngModel warning has been sent out for this particular `FormControlDirective` instance. Used to support warning config of "always".
 @internal
 _ngModelWarningSent = false;
 constructor(@Optional() @Self() @Inject(NG_VALIDATORS)
 validators: Array<Validator|ValidatorFn>,
 @Optional() @Self() @Inject(NG_ASYNC_VALIDATORS)
 asyncValidators: Array<AsyncValidator|AsyncValidatorFn>,
 @Optional() @Self()
 @Inject(NG_VALUE_ACCESSOR) valueAccessors: ControlValueAccessor[],
 @Optional()
 @Inject(NG_MODEL_WITH_FORM_CONTROL_WARNING) private _ngModelWarningConfig: string|null) {
 super();
 this._rawValidators = validators || [];
 this._rawAsyncValidators = asyncValidators || [];
 this.valueAccessor = selectValueAccessor(this, valueAccessors);
 }
 /** A lifecycle method called when the directive's inputs change. For
```

```

internal use\n * only.\n *\n * @param changes A object of key/value pairs for the set of
changed inputs.\n */\n ngOnChanges(changes: SimpleChanges): void {\n if
(this._isControlChanged(changes)) {\n setUpControl(this.form, this);\n if (this.control.disabled
&& this.valueAccessor !.setDisabledState) {\n this.valueAccessor !.setDisabledState !(true);\n
}\n this.form.updateValueAndValidity({emitEvent: false});\n }\n if
(isPropertyUpdated(changes, this.viewModel)) {\n _ngModelWarning(\n 'formControl',
FormControlDirective, this, this._ngModelWarningConfig);\n this.form.setValue(this.model);\n
this.viewModel = this.model;\n }\n }\n\n /**\n * @description\n *
Returns an array that represents the path from the top-level form to this control.\n * Each index is the string
name of the control on that level.\n */\n get path(): string[] { return []; }\n\n /**\n * @description\n * Synchronous validator function composed of all the synchronous validators\n *
registered with this directive.\n */\n get validator(): ValidatorFn|null { return
composeValidators(this._rawValidators); }\n\n /**\n * @description\n * Async validator
function composed of all the async validators registered with this\n * directive.\n */\n get
asyncValidator(): AsyncValidatorFn|null {\n return
composeAsyncValidators(this._rawAsyncValidators);\n }\n\n /**\n * @description\n * The `FormControl` bound to this directive.\n */\n get control(): FormControl { return this.form;
}\n\n /**\n * @description\n * Sets the new value for the view model and emits an
`ngModelChange` event.\n */\n * @param newValue The new value for the view model.\n
*/\n viewToModelUpdate(newValue: any): void {\n this.viewModel = newValue;\n
this.update.emit(newValue);\n }\n\n private _isControlChanged(changes: {[key: string]: any}):
boolean {\n return changes.hasOwnProperty('form');\n }\n\n }\n\n /**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n *
found in the LICENSE file at https://angular.io/license\n */\n\n import {Directive, EventEmitter, Inject, Input,
OnChanges, Optional, Output, Self, SimpleChanges, forwardRef} from '@angular/core';\n import {FormArray,
FormControl, FormGroup} from './model';\n import {NG_ASYNC_VALIDATORS, NG_VALIDATORS,
Validators} from './validators';\n import {ControlContainer} from './control_container';\n import {Form} from
'./form_interface';\n import {ReactiveErrors} from './reactive_errors';\n import {cleanUpControl,
composeAsyncValidators, composeValidators, removeDir, setUpControl, setUpFormContainer,
syncPendingControls} from './shared';\n import {FormControlName} from './form_control_name';\n import
{FormArrayName, FormGroupName} from './form_group_name';\n export const formDirectiveProvider: any = {\n
provide: ControlContainer,\n useExisting: forwardRef(() => FormGroupDirective)\n };\n\n /**\n * @description\n *
Binds an existing `FormGroup` to a DOM element.\n * This directive accepts an existing `FormGroup`
instance. It will then use this\n * `FormGroup` instance to match any child `FormControl`, `FormGroup`,\n * and
`FormArray` instances to child `FormControlName`, `FormGroupName`,\n * and `FormArrayName` directives.\n *
\n * @see [Reactive Forms Guide](guide/reactive-forms)\n * @see `AbstractControl`\n * ### Register Form
Group\n * The following example registers a `FormGroup` with first name and last name controls,\n * and
listens for the *ngSubmit* event when the button is clicked.\n * @example
forms/ts/simpleFormGroup/simple_form_group_example.ts region='Component'\n * @ngModule
ReactiveFormsModule\n * @publicApi\n */\n @Directive({\n selector: '[formGroup]',\n providers:
[formDirectiveProvider],\n host: {'(submit)': 'onSubmit($event)', '(reset)': 'onReset()'},\n exportAs:
'ngForm'\n })\n export class FormGroupDirective extends ControlContainer implements Form,\n OnChanges {\n
\n /**\n * @description\n * Reports whether the form submission has been triggered.\n */\n public readonly
submitted: boolean = false;\n // TODO(issue/24571): remove '!'.\n private _oldForm !: FormGroup;\n\n /**\n *
@description\n * Tracks the list of added `FormControlName` instances\n */\n directives: FormControlName[] =
[];\n\n /**\n * @description\n * Tracks the `FormGroup` bound to this directive.\n */\n @Input('formGroup')
form: FormGroup = null !;\n\n /**\n * @description\n * Emits an event when the form submission has been
triggered.\n */\n @Output() ngSubmit = new EventEmitter();\n\n constructor(\n @Optional() @Self()

```

```

@Inject(NG_VALIDATORS) private _validators: any[],\n @Optional() @Self()
@Inject(NG_ASYNC_VALIDATORS) private _asyncValidators: any[] {
 super();
}
/**
 *
 * @description
 * A lifecycle method called when the directive's inputs change. For internal use only.
 *
 * @param changes A object of key/value pairs for the set of changed inputs.
 */
 ngOnChanges(changes:
SimpleChanges): void {
 this._checkFormPresent();
 if (changes.hasOwnProperty('form')) {
 this._updateValidators();
 this._updateDomValue();
 this._updateRegistrations();
 }
}
/**
 *
 * @description
 * Returns this directive's instance.
 */
 get formDirective(): Form {
 return this;
}
/**
 *
 * @description
 * Returns the `FormGroup` bound to this directive.
 */
 get control(): FormGroup {
 return
this.form;
}
/**
 *
 * @description
 * Returns an array representing the path to this group. Because this
directive
 * always lives at the top level of a form, it always an empty array.
 */
 get path(): string[] {
 return
[];
}
/**
 *
 * @description
 * Method that sets up the control directive in this group, re-calculates its value
 * and validity, and adds the instance to the internal list of directives.
 */
 * @param dir The `FormControlName`
directive instance.
 */
 addControl(dir: FormControlName): FormControl {
 const ctrl: any =
this.form.get(dir.path);
 setUpControl(ctrl, dir);
 ctrl.updateValueAndValidity({emitEvent: false});
 this.directives.push(dir);
 return ctrl;
}
/**
 *
 * @description
 * Retrieves the `FormControl` instance
from the provided `FormControlName` directive
 */
 * @param dir The `FormControlName` directive
instance.
 */
 getControl(dir: FormControlName): FormControl {
 return <FormControl>this.form.get(dir.path);
}
/**
 *
 * @description
 * Removes the `FormControlName` instance from the internal list of directives
 */
 * @param dir The `FormControlName` directive instance.
 */
 removeControl(dir: FormControlName):
void {
 removeDir<FormControlName>(this.directives, dir);
}
/**
 *
 * @description
 * Adds a new `FormGroupName`
directive instance to the form.
 */
 * @param dir The `FormGroupName` directive instance.
 */
 addFormGroup(dir: FormGroupName): void {
 const ctrl: any = this.form.get(dir.path);
 setUpFormContainer(ctrl, dir);
 ctrl.updateValueAndValidity({emitEvent: false});
}
/**
 *
 * @description
 * No-op
method to remove the form group.
 */
 * @param dir The `FormGroupName` directive instance.
 */
 removeFormGroup(dir: FormGroupName): void {}
/**
 *
 * @description
 * Retrieves the `FormGroup` for
a provided `FormGroupName` directive instance
 */
 * @param dir The `FormGroupName` directive instance.
 */
 getFormGroup(dir: FormGroupName): FormGroup {
 return <FormGroup>this.form.get(dir.path);
}
/**
 *
 * @description
 * Adds a new `FormArrayName`
directive instance to the form.
 */
 * @param dir The `FormArrayName`
directive instance.
 */
 addFormArray(dir: FormArrayName): void {
 const ctrl: any =
this.form.get(dir.path);
 setUpFormContainer(ctrl, dir);
 ctrl.updateValueAndValidity({emitEvent: false});
}
/**
 *
 * @description
 * No-op
method to remove the form array.
 */
 * @param dir The `FormArrayName` directive
instance.
 */
 removeFormArray(dir: FormArrayName): void {}
/**
 *
 * @description
 * Retrieves the
`FormArray` for a provided `FormArrayName` directive instance.
 */
 * @param dir The `FormArrayName`
directive instance.
 */
 getFormArray(dir: FormArrayName): FormArray {
 return
<FormArray>this.form.get(dir.path);
}
/**
 *
 * @description
 * Sets the new value for the provided `FormControlName`
directive.
 */
 * @param dir The `FormControlName` directive instance.
 * @param value The new value for
the directive's control.
 */
 updateModel(dir: FormControlName, value: any): void {
 const ctrl =
<FormControl>this.form.get(dir.path);
 ctrl.setValue(value);
}
/**
 *
 * @description
 * Method called
with the "submit" event is triggered on the form.
 */
 * Triggers the `ngSubmit` emitter to emit the "submit" event
as its payload.
 */
 * @param $event The "submit" event object
 */
 onSubmit($event: Event): boolean {
 (this as {submitted: boolean}).submitted = true;
 syncPendingControls(this.form, this.directives);
 this.ngSubmit.emit($event);
 return false;
}
/**
 *
 * @description
 * Method called when the "reset"
event is triggered on the form.
 */
 onReset(): void {
 this.resetForm();
}
/**
 *
 * @description
 * Resets
the form to an initial value and resets its submitted status.
 */
 * @param value The new value for the form.
 */
 resetForm(value: any = undefined): void {
 this.form.reset(value);
 (this as {submitted:
boolean}).submitted = false;
}
/**
 *
 * @internal
 */
 _updateDomValue() {
 this.directives.forEach(dir =>
{
 const newCtrl: any = this.form.get(dir.path);
 if (dir.control !== newCtrl) {
 cleanUpControl(dir.control, dir);
 if (newCtrl) setUpControl(newCtrl, dir);
 }
 });
}
}

```

```

FormControl}).control = newCtrl;\n }\n });\n\n this.form._updateTreeValidity({emitEvent: false});\n }\n\n private _updateRegistrations() {\n this.form._registerOnCollectionChange() => this._updateDomValue();\n if\n (this._oldForm) this._oldForm._registerOnCollectionChange() => {};\n this._oldForm = this.form;\n }\n\n private _updateValidators() {\n const sync = composeValidators(this._validators);\n this.form.validator =\n Validators.compose([this.form.validator !, sync !]);\n\n const async =\n composeAsyncValidators(this._asyncValidators);\n this.form.asyncValidator =\n Validators.composeAsync([this.form.asyncValidator !, async !]);\n }\n\n private _checkFormPresent() {\n if\n (!this.form) {\n ReactiveErrors.missingFormException();\n }\n }\n}\n\n"/**\n * @license\n * Copyright\n Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport {Directive, Host, Inject, Input, OnDestroy,\n OnInit, Optional, Self, SkipSelf, forwardRef} from '@angular/core';\nimport {FormArray} from\n './../model';\nimport {NG_ASYNC_VALIDATORS, NG_VALIDATORS} from './../validators';\nimport\n {AbstractFormGroupDirective} from './abstract_form_group_directive';\nimport {ControlContainer} from\n './control_container';\nimport {ReactiveErrors} from './reactive_errors';\nimport {composeAsyncValidators,\n composeValidators, controlPath} from './shared';\nimport {AsyncValidatorFn, ValidatorFn} from\n './validators';\nimport {FormGroupDirective} from './form_group_directive';\n\nexport const\n formGroupNameProvider: any = {\n provide: ControlContainer,\n useExisting: forwardRef(() =>\n FormGroupName);\n};\n\n/**\n * @description\n *\n * Syncs a nested `FormGroup` to a DOM element.\n *\n * This directive can only be used with a parent `FormGroupDirective`.\n *\n * It accepts the string name of the nested\n `FormGroup` to link, and\n * looks for a `FormGroup` registered with that name in the parent\n `FormGroup`\n instance you passed into `FormGroupDirective`.\n *\n * Use nested form groups to validate a sub-group of a\n * form separately from the rest or to group the values of certain\n * controls into their own nested object.\n *\n * @see [Reactive Forms Guide](guide/reactive-forms)\n *\n * @usageNotes\n *\n * ### Access the group by name\n *\n * The following example uses the { @link AbstractControl#get get } method to access the\n * associated\n `FormGroup`\n *\n * \`\`\`ts\n * this.form.get('name');\n * \`\`\`\n *\n * ### Access individual controls in the group\n *\n * The following example uses the { @link AbstractControl#get get } method to access\n * individual controls\n within the group using dot syntax.\n *\n * \`\`\`ts\n * this.form.get('name.first');\n * \`\`\`\n *\n * ### Register a nested\n `FormGroup`\n *\n * The following example registers a nested *name* `FormGroup` within an existing\n `FormGroup`,\n * and provides methods to retrieve the nested `FormGroup` and individual controls.\n *\n * @example forms/ts/nestedFormGroup/nested_form_group_example.ts region='Component'\n *\n * @ngModule\n ReactiveFormsModule\n *\n * @publicApi\n */\n@Directive({selector: '[formGroupName]', providers:\n [formGroupNameProvider]})\nexport class FormGroupName extends AbstractFormGroupDirective implements\n OnInit, OnDestroy {\n /**\n * @description\n * Tracks the name of the `FormGroup` bound to the directive. The\n name corresponds\n * to a key in the parent `FormGroup` or `FormArray`.\n * Accepts a name as a string or a\n number.\n * The name in the form of a string is useful for individual forms,\n * while the numerical form allows\n for form groups to be bound\n * to indices when iterating over groups in a `FormArray`.\n *\n * @/\n * TODO(issue/24571): remove '!'\n */\n @Input('formGroupName') name!: string | number | null;\n\n constructor(\n @Optional() @Host() @SkipSelf() parent: ControlContainer,\n @Optional() @Self()\n @Inject(NG_VALIDATORS) validators: any[],\n @Optional() @Self() @Inject(NG_ASYNC_VALIDATORS)\n asyncValidators: any[]) {\n super();\n this._parent = parent;\n this._validators = validators;\n this._asyncValidators = asyncValidators;\n }\n\n /** @internal */\n _checkParentType(): void {\n if\n (_hasInvalidParent(this._parent)) {\n ReactiveErrors.groupParentException();\n }\n }\n}\n\nexport const\n formArrayNameProvider: any = {\n provide: ControlContainer,\n useExisting: forwardRef(() =>\n FormArrayName);\n};\n\n/**\n * @description\n *\n * Syncs a nested `FormArray` to a DOM element.\n *\n * This directive is designed to be used with a parent `FormGroupDirective` (selector:\n `*[formGroup]`).\n *\n * It accepts\n the string name of the nested `FormArray` you want to link, and\n * will look for a `FormArray` registered with that\n name in the parent\n `FormGroup` instance you passed into `FormGroupDirective`.\n *\n * @see [Reactive Forms\n Guide](guide/reactive-forms)\n *\n * @see `AbstractControl`\n *\n * @usageNotes\n *\n * ### Example\n *\n *

```

```

{ @example forms/ts/nestedFormArray/nested_form_array_example.ts region='Component'}\n *\n * @NgModule
ReactiveFormsModule\n * @publicApi\n */\n@Directive({ selector: '[formArrayName]', providers:
[formArrayNameProvider]})\nexport class FormArrayName extends ControlContainer implements OnInit,
OnDestroy {\n /** @internal */\n _parent: ControlContainer;\n\n /** @internal */\n _validators: any[];\n\n /**
@internal */\n _asyncValidators: any[];\n\n /**\n * @description\n * Tracks the name of the `FormArray` bound
to the directive. The name corresponds\n * to a key in the parent `FormGroup` or `FormArray`.\n * Accepts a
name as a string or a number.\n * The name in the form of a string is useful for individual forms,\n * while the
numerical form allows for form arrays to be bound\n * to indices when iterating over arrays in a `FormArray`.\n
*/\n // TODO(issue/24571): remove '!.\n @Input('formArrayName') name !: string | number | null;\n\n
constructor(\n @Optional() @Host() @SkipSelf() parent: ControlContainer,\n @Optional() @Self()
@Inject(NG_VALIDATORS) validators: any[],\n @Optional() @Self() @Inject(NG_ASYNC_VALIDATORS)
asyncValidators: any[]) {\n super();\n this._parent = parent;\n this._validators = validators;\n
this._asyncValidators = asyncValidators;\n }\n\n /**\n * @description\n * A lifecycle method called when the
directive's inputs are initialized. For internal use only.\n *\n * @throws If the directive does not have a valid
parent.\n */\n ngOnInit(): void {\n this._checkParentType();\n this.formDirective!.addFormArray(this);\n
}\n\n /**\n * @description\n * A lifecycle method called before the directive's instance is destroyed. For internal
use only.\n */\n ngOnDestroy(): void {\n if (this.formDirective) {\n
this.formDirective.removeFormArray(this);\n }\n }\n\n /**\n * @description\n * The `FormArray` bound to
this directive.\n */\n get control(): FormArray { return this.formDirective!.getFormArray(this); }\n\n /**\n *
@description\n * The top-level directive for this group if present, otherwise null.\n */\n get formDirective():
FormGroupDirective|null {\n return this._parent ? <FormGroupDirective>this._parent.formDirective : null;\n
}\n\n /**\n * @description\n * Returns an array that represents the path from the top-level form to this control.\n
* Each index is the string name of the control on that level.\n */\n get path(): string[] {\n return
controlPath(this.name == null ? this.name : this.name.toString(), this._parent);\n }\n\n /**\n * @description\n *
Synchronous validator function composed of all the synchronous validators registered with this\n * directive.\n
*/\n get validator(): ValidatorFn|null {\n return composeValidators(this._validators);\n }\n\n /**\n * @description\n
* Async validator function composed of all the async validators registered with this directive.\n */\n get
asyncValidator(): AsyncValidatorFn|null {\n return composeAsyncValidators(this._asyncValidators);\n }\n\n
private _checkParentType(): void {\n if (_hasInvalidParent(this._parent)) {\n
ReactiveErrors.arrayParentException();\n }\n }\n\n\nfunction _hasInvalidParent(parent: ControlContainer):
boolean {\n return !(parent instanceof FormGroupName) && !(parent instanceof FormGroupDirective) &&\n
!(parent instanceof FormArrayName);\n }\n\n", "/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n
*\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n */\n\nimport { Directive, EventEmitter, Host, Inject, Input, OnChanges, OnDestroy,
Optional, Output, Self, SimpleChanges, SkipSelf, forwardRef } from '@angular/core';\nimport { FormControl }
from '../model';\nimport { NG_ASYNC_VALIDATORS, NG_VALIDATORS } from '../validators';\nimport
{ AbstractFormGroupDirective } from './abstract_form_group_directive';\nimport { ControlContainer } from
'./control_container';\nimport { ControlValueAccessor, NG_VALUE_ACCESSOR } from
'./control_value_accessor';\nimport { NgControl } from './ng_control';\nimport { ReactiveErrors } from
'./reactive_errors';\nimport { _ngModelWarning, composeAsyncValidators, composeValidators, controlPath,
isPropertyUpdated, selectValueAccessor } from './shared';\nimport { AsyncValidator, AsyncValidatorFn, Validator,
ValidatorFn } from './validators';\nimport { NG_MODEL_WITH_FORM_CONTROL_WARNING } from
'./form_control_directive';\nimport { FormGroupDirective } from './form_group_directive';\nimport
{ FormArrayName, FormGroupName } from './form_group_name';\n\nexport const controlNameBinding: any = {\n
provide: NgControl,\n useExisting: forwardRef(() => FormControlName)\n};\n\n/**\n * @description\n * Syncs a
`FormControl` in an existing `FormGroup` to a form control\n * element by name.\n *\n * @see [Reactive Forms
Guide](guide/reactive-forms)\n * @see `FormControl`\n * @see `AbstractControl`\n *\n * @usageNotes\n *\n *
Register `FormControl` within a group\n *\n * The following example shows how to register multiple form

```

controls within a form group and set their value. @example forms/ts/simpleFormGroup/simple\_form\_group\_example.ts region='Component'} To see `formControlName` examples with different form control types, see: Radio buttons: `RadioControlValueAccessor` Selects: `SelectControlValueAccessor` Use with ngModel Support for using the `ngModel` input property and `ngModelChange` event with reactive form directives has been deprecated in Angular v6 and will be removed in a future version of Angular. Now deprecated:

```

<form [formGroup]="form">
 <input formControlName="first" [(ngModel)]="value">
</form>
this.value = 'some value';

```

This has been deprecated for a few reasons. First, developers have found this pattern confusing. It seems like the actual `ngModel` directive is being used, but in fact it's an input/output property named `ngModel` on the reactive form directive that simply approximates (some of) its behavior. Specifically, it allows getting/setting the value and intercepting value events. However, some of `ngModel`'s other features - like delaying updates with `ngModelOptions` or exporting the directive - simply don't work, which has understandably caused some confusion. In addition, this pattern mixes template-driven and reactive forms strategies, which we generally don't recommend because it doesn't take advantage of the full benefits of either strategy. Setting the value in the template violates the template-agnostic principles behind reactive forms, whereas adding a `FormControl`/`FormGroup` layer in the class removes the convenience of defining forms in the template. To update your code before support is removed, you'll want to decide whether to stick with reactive form directives (and get/set values using reactive forms patterns) or switch over to template-driven directives.

After (choice 1 - use reactive forms):

```

<form [formGroup]="form">
 <input formControlName="first">
</form>
this.form.get('first').setValue('some value');

```

After (choice 2 - use template-driven forms):

```

<input [(ngModel)]="value">
this.value = 'some value';

```

By default, when you use this pattern, you will see a deprecation warning once in dev mode. You can choose to silence this warning by providing a config for `ReactiveFormsModule` at import time:

```

ReactiveFormsModule.withConfig({ warnOnNgModelWithFormControl: 'never'})

```

Alternatively, you can choose to surface a separate warning for each instance of this pattern with a config value of `"always"`. This may help to track down where in the code the pattern is being used as the code is being updated.

```

@NgModule(ReactiveFormsModule)
@publicApi
@Directive({ selector: '[formControlName]', providers: [controlNameBinding] })
export class FormControlName extends NgControl
implements OnChanges, OnDestroy {
 private _added = false;
 /** @description Internal reference to the view model value. @internal */
 viewModel: any;
 /** @description Tracks the `FormControl` instance bound to the directive. */
 // TODO(issue/24571): remove '!'.
 readonly control!: FormControl;
 /** @description Tracks the name of the `FormControl` bound to the directive. The name corresponds to a key in the parent `FormGroup` or `FormArray`. */
 // Accepts a name as a string or a number. The name in the form of a string is useful for individual forms, while the numerical form allows for form controls to be bound to indices when iterating over controls in a `FormArray`.
 // TODO(issue/24571): remove '!'.
 @Input('formControlName') name!: string | number | null;
 /** @description Triggers a warning that this input should not be used with reactive forms. */
 @Input('disabled') set isDisabled(isDisabled: boolean) { ReactiveErrors.disabledAttrWarning(); }
 // TODO(kara): remove next 4 properties once deprecation period is over
 /** @deprecated as of v6 */
 @Input('ngModel') model: any;
 /** @deprecated as of v6 */
 @Output('ngModelChange') update = new EventEmitter();
 /** @description Static property used to track whether any ngModel warnings have been sent across all instances of FormControlName. Used to support warning config of "once". */
 @internal static _ngModelWarningSentOnce = false;
 /** @description Instance property used to track whether an ngModel warning has been sent out for this particular FormControlName instance. Used to support warning config of "always". */
 @internal _ngModelWarningSent = false;
 constructor(
 @Optional() @Host() @SkipSelf() parent: ControlContainer,
 @Optional() @Self() @Inject(NG_VALIDATORS) validators: Array<Validator|ValidatorFn>,
 @Optional() @Self()

```

```

@Inject(NG_ASYNC_VALIDATORS) asyncValidators: Array<AsyncValidator|AsyncValidatorFn>,
@Optional() @Self() @Inject(NG_VALUE_ACCESSOR) valueAccessors: ControlValueAccessor[],
@Optional() @Inject(NG_MODEL_WITH_FORM_CONTROL_WARNING) private _ngModelWarningConfig:
string | null {
 super();
 this._parent = parent;
 this._rawValidators = validators || [];
 this._rawAsyncValidators = asyncValidators || [];
 this.valueAccessor = selectValueAccessor(this,
valueAccessors);
}
/**
 * @description
 * A lifecycle method called when the directive's inputs change.
For internal use only.
 * @param changes A object of key/value pairs for the set of changed inputs.
 */
ngOnChanges(changes: SimpleChanges) {
 if (!this._added) this._setUpControl();
 if (isPropertyUpdated(changes, this.viewModel)) {
 this._ngModelWarning('formControlName', FormControlName,
this, this._ngModelWarningConfig);
 this.viewModel = this.model;
 this.formDirective.updateModel(this,
this.model);
 }
}
/**
 * @description
 * Lifecycle method called before the directive's instance is
destroyed. For internal use only.
 */
ngOnDestroy(): void {
 if (this.formDirective) {
 this.formDirective.removeControl(this);
 }
}
/**
 * @description
 * Sets the new value for the view
model and emits an `ngModelChange` event.
 * @param newValue The new value for the view model.
 */
viewToModelUpdate(newValue: any): void {
 this.viewModel = newValue;
 this.update.emit(newValue);
}
/**
 * @description
 * Returns an array that represents the path from the
top-level form to this control.
 * Each index is the string name of the control on that level.
 */
getPath(): string[] {
 return controlPath(this.name == null ? this.name : this.name.toString(), this._parent!);
}
/**
 * @description
 * The top-level directive for this group if present, otherwise null.
 */
get formDirective(): any {
 return this._parent ? this._parent.formDirective : null;
}
/**
 * @description
 * Synchronous
validator function composed of all the synchronous validators
 * registered with this directive.
 */
get validator(): ValidatorFn | null {
 return composeValidators(this._rawValidators);
}
/**
 * @description
 * Async
validator function composed of all the async validators registered with this
 * directive.
 */
get asyncValidator(): AsyncValidatorFn {
 return composeAsyncValidators(this._rawAsyncValidators)!;
}
private _checkParentType(): void {
 if (!(this._parent instanceof FormGroupName) && this._parent
instanceof AbstractFormGroupDirective) {
 ReactiveErrors.ngModelGroupException();
 } else if (!(this._parent instanceof FormGroupName) && !(this._parent instanceof FormGroupDirective) &&
!(this._parent instanceof FormArrayName)) {
 ReactiveErrors.controlParentException();
 }
}
private
setUpControl() {
 this._checkParentType();
 (this as {control: FormControl}).control =
this.formDirective.addControl(this);
 if (this.control.disabled && this.valueAccessor!.setDisabledState) {
 this.valueAccessor!.setDisabledState!(true);
 }
 this._added = true;
}
}
}
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that
can be
 * found in the LICENSE file at https://angular.io/license
 */
import {Directive, Input, OnChanges,
SimpleChanges, StaticProvider, forwardRef} from '@angular/core';
import {Observable} from 'rxjs';
import {AbstractControl} from '../model';
import {NG_VALIDATORS, Validators} from '../validators';
/**
 * @description
 * Defines the map of errors returned from failed validation checks.
 * @publicApi
 */
export
type ValidationErrors = {
 [key: string]: any;
};
/**
 * @description
 * An interface implemented by classes
that perform synchronous validation.
 * @usageNotes
 * ### Provide a custom validator
 * The
following example implements the `Validator` interface to create a
 * validator directive with a custom error key.
 */
/**
 * @Directive
 */
@Directive({
 selector: '[customValidator]',
 providers: [
 {provide:
NG_VALIDATORS, useExisting: CustomValidatorDirective, multi: true}
]
})
class
CustomValidatorDirective implements Validator {
 validate(control: AbstractControl): ValidationErrors | null {
 return {'custom': true};
 }
}
/**
 * @publicApi
 */
export
interface Validator {
 /**
 * @description
 * Method that performs synchronous validation against the provided control.
 * @param
control The control to validate against.
 * @returns
A map of validation errors if validation fails,
 * otherwise null.
 */
validate(control: AbstractControl): ValidationErrors | null;
 /**
 * @description
 * Registers a callback function to call when the validator inputs change.
 * @param
fn The callback function
 */
registerOnValidatorChange?(fn: () => void): void;
}
/**
 * @description
 * An interface implemented

```



```

by classes that perform asynchronous validation.\n *\n * @usageNotes\n *\n * ### Provide a custom async validator
directive\n *\n * The following example implements the `AsyncValidator` interface to create an\n * async validator
directive with a custom error key.\n *\n * ```typescript\n * import { of as observableOf } from 'rxjs';\n *\n * @Directive({\n * selector: '[customAsyncValidator]',\n * providers: [{provide: NG_ASYNC_VALIDATORS,\n * useExisting: CustomAsyncValidatorDirective, multi: true}]\n * })\n * class CustomAsyncValidatorDirective
implements AsyncValidator {\n * validate(control: AbstractControl): Observable<ValidationErrors|null> {\n *
return observableOf({'custom': true});\n * }\n * }\n * ```\n *\n * @publicApi\n * ^\n * export interface AsyncValidator
extends Validator {\n * /**\n * @description\n * Method that performs async validation against the provided
control.\n * @param control The control to validate against.\n * @returns A promise or observable that
resolves a map of validation errors\n * if validation fails, otherwise null.\n * ^\n * validate(control:
AbstractControl):\n * Promise<ValidationErrors|null>Observable<ValidationErrors|null>;\n * }\n * /**\n * @description\n * Provider which adds `RequiredValidator` to the `NG_VALIDATORS` multi-provider list.\n * ^\n * export const REQUIRED_VALIDATOR: StaticProvider = {\n * provide: NG_VALIDATORS,\n * useExisting:
forwardRef(() => RequiredValidator),\n * multi: true\n * };\n * /**\n * @description\n * Provider which adds
`CheckboxRequiredValidator` to the `NG_VALIDATORS` multi-provider list.\n * ^\n * export const
CHECKBOX_REQUIRED_VALIDATOR: StaticProvider = {\n * provide: NG_VALIDATORS,\n * useExisting:
forwardRef(() => CheckboxRequiredValidator),\n * multi: true\n * };\n * }\n * /**\n * @description\n * A directive that
adds the `required` validator to any controls marked with the\n * `required` attribute. The directive is provided with
the `NG_VALIDATORS` multi-provider list.\n * @see [Form Validation](guide/form-validation)\n * @usageNotes\n * \n * ### Adding a required validator using template-driven forms\n * \n * ```\n * <input
name="fullName" ngModel required>\n * ```\n * @ngModule FormsModule\n * @ngModule
ReactiveFormsModule\n * @publicApi\n * ^\n * @Directive({\n * selector:\n *
':not([type=checkbox])[required][formControlName],:not([type=checkbox])[required][formControl],:not([type=checkbox])[required][ngModel]',\n * providers: [REQUIRED_VALIDATOR],\n * host: {'[attr.required]': 'required ? \'"\n *
null'}\n * })\n * export class RequiredValidator implements Validator {\n * // TODO(issue/24571): remove '!.\n * private
_required!: boolean;\n * // TODO(issue/24571): remove '!.\n * private _onChange!: () => void;\n * /**\n * @description\n * Tracks changes to the required attribute bound to this directive.\n * ^\n * @Input()\n * get
required(): boolean|string { return this._required; }\n * set required(value: boolean|string) {\n * this._required =
value != null && value !== false && `${value}` !== 'false';\n * if (this._onChange) this._onChange();\n * }\n * /**\n * @description\n * Method that validates whether the control is empty.\n * Returns the validation result if
enabled, otherwise null.\n * ^\n * validate(control: AbstractControl): ValidationErrors|null {\n * return this.required ?
Validators.required(control) : null;\n * }\n * /**\n * @description\n * Registers a callback function to call when
the validator inputs change.\n * @param fn The callback function\n * ^\n * registerOnValidatorChange(fn: ()
=> void): void { this._onChange = fn; }\n * }\n * /**\n * A Directive that adds the `required` validator to checkbox
controls marked with the\n * `required` attribute. The directive is provided with the `NG_VALIDATORS` multi-
provider list.\n * @see [Form Validation](guide/form-validation)\n * @usageNotes\n * \n * ### Adding a
required checkbox validator using template-driven forms\n * \n * The following example shows how to add a
checkbox required validator to an input attached to an ngModel binding.\n * \n * ```\n * <input type="checkbox"\n *
name="active" ngModel required>\n * ```\n * @publicApi\n * @ngModule FormsModule\n * @ngModule
ReactiveFormsModule\n * ^\n * @Directive({\n * selector:\n *
'input[type=checkbox][required][formControlName],input[type=checkbox][required][formControl],input[type=checkbox][required][ngModel]',\n * providers: [CHECKBOX_REQUIRED_VALIDATOR],\n * host: {'[attr.required]':
'required ? \'"\n * null'}\n * })\n * export class CheckboxRequiredValidator extends RequiredValidator {\n * /**\n * @description\n * Method that validates whether or not the checkbox has been checked.\n * Returns the validation
result if enabled, otherwise null.\n * ^\n * validate(control: AbstractControl): ValidationErrors|null {\n * return
this.required ? Validators.requiredTrue(control) : null;\n * }\n * }\n * /**\n * @description\n * Provider which adds
`EmailValidator` to the `NG_VALIDATORS` multi-provider list.\n * ^\n * export const EMAIL_VALIDATOR: any =
{\n * provide: NG_VALIDATORS,\n * useExisting: forwardRef(() => EmailValidator),\n * multi: true\n * };\n * }\n * /**\n * A

```

```

directive that adds the `email` validator to controls marked with the `email` attribute. The directive is provided
with the `NG_VALIDATORS` multi-provider list.
 * @see [Form Validation](guide/form-validation)
 * @usageNotes
 * ### Adding an email validator
 * The following example shows how to add an email
validator to an input attached to an ngModel binding.
 * <input type="email" name="email"
ngModel email>
 * <input type="email" name="email" ngModel email="true">
 * <input type="email"
name="email" ngModel [email]="true">
 * @publicApi
 * @ngModule FormsModule
 * @ngModule ReactiveFormsModule
 * @Directive({
 selector:
'[email][formControlName],[email][formControl],[email][ngModel]',
 providers:
[EMAIL_VALIDATOR])
})
export class EmailValidator implements Validator {
 // TODO(issue/24571):
remove '!
 private _enabled!: boolean;
 // TODO(issue/24571):
remove '!
 private _onChange!: () =>
void;
 /**
 * @description
 * Tracks changes to the email attribute bound to this directive.
 * @Input()
 set email(value: boolean|string) {
 this._enabled = value === " || value === true || value === 'true';
 }
 if (this._onChange) this._onChange();
}
 /**
 * @description
 * Method that validates whether an email
address is valid.
 * Returns the validation result if enabled, otherwise null.
 * @validate(control:
AbstractControl): ValidationErrors|null {
 return this._enabled ? Validators.email(control) : null;
}
 /**
 * @description
 * Registers a callback function to call when the validator inputs change.
 * @param fn
The callback function
 * @registerOnValidatorChange(fn: () => void): void {
 this._onChange = fn;
}
 /**
 * @description
 * A function that receives a control and synchronously returns a map of
validation errors if
present, otherwise null.
 * @publicApi
 * @export interface ValidatorFn {
 (control: AbstractControl):
ValidationErrors|null;
}
 /**
 * @description
 * A function that receives a control and returns a Promise or
observable
 * that emits validation errors if present, otherwise null.
 * @publicApi
 * @export interface
AsyncValidatorFn {
 (control: AbstractControl):
Promise<ValidationErrors|null>|Observable<ValidationErrors|null>;
}
 /**
 * @description
 * Provider which
adds `MinLengthValidator` to the `NG_VALIDATORS` multi-provider list.
 * @export const
MIN_LENGTH_VALIDATOR: any = {
 provide: NG_VALIDATORS,
 useExisting: forwardRef(() =>
MinLengthValidator),
 multi: true
};
 /**
 * A directive that adds minimum length validation to controls
marked with the `minlength` attribute. The directive is provided with the `NG_VALIDATORS` multi-provider
list.
 * @see [Form Validation](guide/form-validation)
 * @usageNotes
 * ### Adding a minimum
length validator
 * The following example shows how to add a minimum length validator to an input attached
to an
 * ngModel binding.
 * <input name="firstName" ngModel minlength="4">
 * @ngModule ReactiveFormsModule
 * @ngModule FormsModule
 * @publicApi
 * @Directive({
 selector: '[minlength][formControlName],[minlength][formControl],[minlength][ngModel]',
 providers:
[MIN_LENGTH_VALIDATOR],
 host: {'[attr.minlength]': 'minlength ? minlength : null'}
})
export class
MinLengthValidator implements Validator,
 OnChanges {
 // TODO(issue/24571):
remove '!
 private
_validator!: ValidatorFn;
 // TODO(issue/24571):
remove '!
 private _onChange!: () => void;
 /**
 * @description
 * Tracks changes to the the minimum length bound to this directive.
 * @Input()
 minlength!: string | number;
 /**
 * @description
 * A
lifecycle method called when the directive's inputs change. For internal use
 * only.
 * @param changes
A
object of key/value pairs for the set of changed inputs.
 * @ngOnChanges(changes: SimpleChanges): void {
 if ('minlength' in changes) {
 this._createValidator();
 }
 if (this._onChange) this._onChange();
}
 /**
 * @description
 * Method that validates whether the value meets a minimum length
requirement.
 * Returns the validation result if enabled, otherwise null.
 * @validate(control: AbstractControl):
ValidationErrors|null {
 return this.minlength == null ? null : this._validator(control);
}
 /**
 * @description
 * Registers a callback function to call when the validator inputs change.
 * @param fn
The
callback function
 * @registerOnValidatorChange(fn: () => void): void {
 this._onChange = fn;
}
 private
_createValidator(): void {
 this._validator = Validators.minLength(
 typeof this.minlength === 'number' ?
this.minlength : parseInt(this.minlength, 10));
}
 /**
 * @description
 * Provider which adds
`MaxLengthValidator` to the `NG_VALIDATORS` multi-provider list.
 * @export const

```

```

MAX_LENGTH_VALIDATOR: any = {\n provide: NG_VALIDATORS,\n useExisting: forwardRef(() =>
MaxLengthValidator),\n multi: true\n};\n\n/**\n * A directive that adds max length validation to controls marked
with the\n * `maxlength` attribute. The directive is provided with the `NG_VALIDATORS` multi-provider list.\n *
\n * @see [Form Validation](guide/form-validation)\n * \n * @usageNotes\n * \n * ### Adding a maximum length
validator\n * \n * The following example shows how to add a maximum length validator to an input attached to an\n *
ngModel binding.\n * \n * ```html\n * <input name="firstName" ngModel maxlength="25">\n * ```\n * \n *
\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n * \n * @Directive({\n selector:
'[maxlength][formControlName],[maxlength][formControl],[maxlength][ngModel]',\n providers:
[MAX_LENGTH_VALIDATOR],\n host: {'[attr.maxlength]': 'maxlength ? maxlength : null'}\n})\n\nexport class
MaxLengthValidator implements Validator,\n OnChanges {\n // TODO(issue/24571): remove '!.\n private
_validator !: ValidatorFn;\n // TODO(issue/24571): remove '!.\n private _onChange !: () => void;\n\n /**\n *
\n * @description\n * Tracks changes to the the maximum length bound to this directive.\n * \n //
\n * @Input() maxlength !: string | number;\n\n /**\n * @description\n * A
\n * lifecycle method called when the directive's inputs change. For internal use\n * only.\n * \n * @param changes A
object of key/value pairs for the set of changed inputs.\n * \n ngOnChanges(changes: SimpleChanges): void {\n
if ('maxlength' in changes) {\n this._createValidator();\n if (this._onChange) this._onChange();\n }\n }\n\n
/**\n * @description\n * Method that validates whether the value exceeds\n * the maximum length
requirement.\n * \n validate(control: AbstractControl): ValidationErrors|null {\n return this.maxlength != null ?
this._validator(control) : null;\n }\n\n /**\n * @description\n * Registers a callback function to call when the
validator inputs change.\n * \n * @param fn The callback function\n * \n registerOnValidatorChange(fn: () =>
void): void { this._onChange = fn; }\n\n private _createValidator(): void {\n this._validator =
Validators.maxLength(\n typeof this.maxlength === 'number' ? this.maxlength : parseInt(this.maxlength, 10));\n
}\n}\n\n/**\n * @description\n * Provider which adds `PatternValidator` to the `NG_VALIDATORS` multi-
provider list.\n * \n\nexport const PATTERN_VALIDATOR: any = {\n provide: NG_VALIDATORS,\n
useExisting: forwardRef(() => PatternValidator),\n multi: true\n};\n\n\n/**\n * @description\n * A directive that
adds regex pattern validation to controls marked with the\n * `pattern` attribute. The regex must match the entire
control value.\n * The directive is provided with the `NG_VALIDATORS` multi-provider list.\n * \n * @see [Form
Validation](guide/form-validation)\n * \n * @usageNotes\n * \n * ### Adding a pattern validator\n * \n * The
following example shows how to add a pattern validator to an input attached to an\n * ngModel binding.\n * \n *
```html\n * <input name="firstName" ngModel pattern="[a-zA-Z]*">\n * ```\n * \n *
\n * @ngModule
ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n * \n * @Directive({\n selector:
'[pattern][formControlName],[pattern][formControl],[pattern][ngModel]',\n providers:
[PATTERN_VALIDATOR],\n host: {'[attr.pattern]': 'pattern ? pattern : null'}\n})\n\nexport class PatternValidator
implements Validator,\n OnChanges {\n // TODO(issue/24571): remove '!.\n private _validator !: ValidatorFn;\n
// TODO(issue/24571): remove '!.\n private _onChange !: () => void;\n\n /**\n * @description\n * Tracks
changes to the pattern bound to this directive.\n * \n // TODO(issue/24571): remove '!.\n @Input() pattern !:
string | RegExp;\n\n /**\n * @description\n * A lifecycle method called when the directive's inputs change. For
internal use\n * only.\n * \n * @param changes A object of key/value pairs for the set of changed inputs.\n *
\n ngOnChanges(changes: SimpleChanges): void {\n if ('pattern' in changes) {\n this._createValidator();\n if
(this._onChange) this._onChange();\n }\n }\n\n /**\n * @description\n * Method that validates whether the
value matches the\n * the pattern requirement.\n * \n validate(control: AbstractControl): ValidationErrors|null {\n
return this._validator(control); }\n\n /**\n * @description\n * Registers a callback function to call when the
validator inputs change.\n * \n * @param fn The callback function\n * \n registerOnValidatorChange(fn: () =>
void): void { this._onChange = fn; }\n\n private _createValidator(): void {\n this._validator =
Validators.pattern(this.pattern); }\n}\n\n",\n\n /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *
\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n * \n\nimport {NgModule, Type} from '@angular/core';\nimport
{CheckboxControlValueAccessor} from './directives/checkbox_value_accessor';\nimport {DefaultValueAccessor}

```

```

from './directives/default_value_accessor';\nimport {NgControlStatus, NgControlStatusGroup} from
 './directives/ng_control_status';\nimport {NgForm} from './directives/ng_form';\nimport {NgModel} from
 './directives/ng_model';\nimport {NgModelGroup} from './directives/ng_model_group';\nimport {NgNoValidate}
 from './directives/ng_no_validate_directive';\nimport {NumberValueAccessor} from
 './directives/number_value_accessor';\nimport {RadioControlValueAccessor} from
 './directives/radio_control_value_accessor';\nimport {RangeValueAccessor} from
 './directives/range_value_accessor';\nimport {FormControlDirective} from
 './directives/reactive_directives/form_control_directive';\nimport {FormControlName} from
 './directives/reactive_directives/form_control_name';\nimport {FormGroupDirective} from
 './directives/reactive_directives/form_group_directive';\nimport {FormArrayName, FormGroupName} from
 './directives/reactive_directives/form_group_name';\nimport {NgSelectOption, SelectControlValueAccessor} from
 './directives/select_control_value_accessor';\nimport {NgSelectMultipleOption,
 SelectMultipleControlValueAccessor} from './directives/select_multiple_control_value_accessor';\nimport
 {CheckboxRequiredValidator, EmailValidator, MaxLengthValidator, MinLengthValidator, PatternValidator,
 RequiredValidator} from './directives/validators';\n\nexport {CheckboxControlValueAccessor} from
 './directives/checkbox_value_accessor';\nexport {ControlValueAccessor} from
 './directives/control_value_accessor';\nexport {DefaultValueAccessor} from
 './directives/default_value_accessor';\nexport {NgControl} from './directives/ng_control';\nexport {NgControlStatus,
 NgControlStatusGroup} from './directives/ng_control_status';\nexport {NgForm} from
 './directives/ng_form';\nexport {NgModel} from './directives/ng_model';\nexport {NgModelGroup} from
 './directives/ng_model_group';\nexport {NumberValueAccessor} from './directives/number_value_accessor';\nexport
 {RadioControlValueAccessor} from './directives/radio_control_value_accessor';\nexport {RangeValueAccessor}
 from './directives/range_value_accessor';\nexport {FormControlDirective,
 NG_MODEL_WITH_FORM_CONTROL_WARNING} from
 './directives/reactive_directives/form_control_directive';\nexport {FormControlName} from
 './directives/reactive_directives/form_control_name';\nexport {FormGroupDirective} from
 './directives/reactive_directives/form_group_directive';\nexport {FormArrayName, FormGroupName} from
 './directives/reactive_directives/form_group_name';\nexport {NgSelectOption, SelectControlValueAccessor} from
 './directives/select_control_value_accessor';\nexport {NgSelectMultipleOption,
 SelectMultipleControlValueAccessor} from './directives/select_multiple_control_value_accessor';\n\nexport const
 SHARED_FORM_DIRECTIVES: Type<any>[] = [\n NgNoValidate,\n NgSelectOption,\n
 NgSelectMultipleOption,\n DefaultValueAccessor,\n NumberValueAccessor,\n RangeValueAccessor,\n
 CheckboxControlValueAccessor,\n SelectControlValueAccessor,\n SelectMultipleControlValueAccessor,\n
 RadioControlValueAccessor,\n NgControlStatus,\n NgControlStatusGroup,\n RequiredValidator,\n
 MinLengthValidator,\n MaxLengthValidator,\n PatternValidator,\n CheckboxRequiredValidator,\n
 EmailValidator,\n];\n\nexport const TEMPLATE_DRIVEN_DIRECTIVES: Type<any>[] = [NgModel,
 NgModelGroup, NgForm];\n\nexport const REACTIVE_DRIVEN_DIRECTIVES: Type<any>[] =\n
 [FormControlDirective, FormGroupDirective, FormControlName, FormGroupName, FormArrayName];\n\n/**\n *
 Internal module used for sharing directives between FormsModule and ReactiveFormsModule\n
 *\n @NgModule({\n declarations: SHARED_FORM_DIRECTIVES,\n exports:
 SHARED_FORM_DIRECTIVES,\n})\nexport class ÉµInternalFormsSharedModule {\n}\n\nexport
 {ÉµInternalFormsSharedModule as InternalFormsSharedModule};\n", "/*\n * @license\n * Copyright Google Inc.
 All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in
 the LICENSE file at https://angular.io/license\n *\n\nimport {Injectable} from '@angular/core';\n\nimport
 {AsyncValidatorFn, ValidatorFn} from './directives/validators';\nimport {AbstractControl, AbstractControlOptions,
 FormArray, FormControl, FormGroup, FormHooks} from './model';\n\nfunction isAbstractControlOptions(options:
 AbstractControlOptions | {[key: string]: any}):\n options is AbstractControlOptions {\n return
 (<AbstractControlOptions>options).asyncValidators !== undefined ||\n

```

```

(<AbstractControlOptions>options).validators !== undefined ||\n    (<AbstractControlOptions>options).updateOn
!== undefined;\n}\n\n/**\n * @description\n * Creates an `AbstractControl` from a user-specified configuration.\n * \n * The `FormBuilder` provides syntactic sugar that shortens creating instances of a `FormControl`,\n * `FormGroup`, or `FormArray`. It reduces the amount of boilerplate needed to build complex\n * forms.\n *\n * @see [Reactive Forms Guide](/guide/reactive-forms)\n *\n * @publicApi\n */\n\n@injectable()\nexport class
FormBuilder {\n  /**\n   * @description\n   * Construct a new `FormGroup` instance.\n   *\n   * @param
controlsConfig A collection of child controls. The key for each child is the name\n   * under which it is registered.\n   *\n   * @param options Configuration options object for the `FormGroup`. The object can\n   * have two shapes:\n   *\n   * 1) `AbstractControlOptions` object (preferred), which consists of:\n   * * `validators`: A synchronous
validator function, or an array of validator functions\n   * * `asyncValidators`: A single async validator or array of
async validator functions\n   * * `updateOn`: The event upon which the control should be updated (options: 'change'
| 'blur' |\n   * submit)\n   *\n   * 2) Legacy configuration object, which consists of:\n   * * `validator`: A synchronous
validator function, or an array of validator functions\n   * * `asyncValidator`: A single async validator or array of
async validator functions\n   *\n   */\n   group(\n    controlsConfig: {[key: string]: any},\n    options:
AbstractControlOptions|[key: string]: any|null = null): FormGroup {\n    const controls =
this._reduceControls(controlsConfig);\n\n    let validators: ValidatorFn|ValidatorFn[]|null = null;\n    let
asyncValidators: AsyncValidatorFn|AsyncValidatorFn[]|null = null;\n    let updateOn: FormHooks|undefined =
undefined;\n\n    if (options !== null) {\n      if (isAbstractControlOptions(options)) {\n        // `options` are
`AbstractControlOptions`\n        validators = options.validators !== null ? options.validators : null;\n       
asyncValidators = options.asyncValidators !== null ? options.asyncValidators : null;\n        updateOn =
options.updateOn !== null ? options.updateOn : undefined;\n      } else {\n        // `options` are legacy form group
options\n        validators = options['validator'] !== null ? options['validator'] : null;\n        asyncValidators =
options['asyncValidator'] !== null ? options['asyncValidator'] : null;\n      }\n    }\n\n    return new
FormGroup(controls, {asyncValidators, updateOn, validators});\n  }\n\n  /**\n   * @description\n   * Construct a
new `FormControl` with the given state, validators and options.\n   *\n   * @param formState Initializes the control
with an initial state value, or\n   * with an object that contains both a value and a disabled status.\n   *\n   * @param
validatorOrOpts A synchronous validator function, or an array of\n   * such functions, or an
`AbstractControlOptions` object that contains\n   * validation functions and a validation trigger.\n   *\n   * @param
asyncValidator A single async validator or array of async validator\n   * functions.\n   *\n   * @usageNotes\n   *\n   * ### Initialize a control as disabled\n   *\n   * The following example returns a control with an initial value in a
disabled state.\n   *\n   * <code-example path="/forms/ts/formBuilder/form_builder_example.ts" region="disabled-control">\n   * </code-example>\n   */\n   control(\n    formState: any, validatorOrOpts?:
ValidatorFn|ValidatorFn[]|AbstractControlOptions|null,\n    asyncValidator?:
AsyncValidatorFn|AsyncValidatorFn[]|null): FormControl {\n    return new FormControl(formState,
validatorOrOpts, asyncValidator);\n  }\n\n  /**\n   * Constructs a new `FormArray` from the given array of
configurations,\n   * validators and options.\n   *\n   * @param controlsConfig An array of child controls or control
configs. Each\n   * child control is given an index when it is registered.\n   *\n   * @param validatorOrOpts A
synchronous validator function, or an array of\n   * such functions, or an `AbstractControlOptions` object that
contains\n   * validation functions and a validation trigger.\n   *\n   * @param asyncValidator A single async
validator or array of async validator\n   * functions.\n   */\n   array(\n    controlsConfig: any[],\n    validatorOrOpts?: ValidatorFn|ValidatorFn[]|AbstractControlOptions|null,\n    asyncValidator?:
AsyncValidatorFn|AsyncValidatorFn[]|null): FormArray {\n    const controls = controlsConfig.map(c =>
this._createControl(c));\n    return new FormArray(controls, validatorOrOpts, asyncValidator);\n  }\n\n  /**\n   * @internal\n   */\n   _reduceControls(controlsConfig: {[k: string]: any}): {[key: string]: AbstractControl} {\n    const
controls: {[key: string]: AbstractControl} = {};\n    Object.keys(controlsConfig).forEach(controlName => {\n
controls[controlName] = this._createControl(controlsConfig[controlName]);\n    });\n    return controls;\n  }\n\n  /**\n   * @internal\n   */\n   _createControl(controlConfig: any): AbstractControl {\n    if (controlConfig instanceof FormControl
|| controlConfig instanceof FormGroup ||\n    controlConfig instanceof FormArray) {\n      return

```


Éµangular_packages_forms_forms_p,formControlBinding as Éµangular_packages_forms_forms_q} from './src/directives/reactive_directives/form_control_directive';\nextport {controlNameBinding as Éµangular_packages_forms_forms_r} from './src/directives/reactive_directives/form_control_name';\nextport {formDirectiveProvider as Éµangular_packages_forms_forms_s} from './src/directives/reactive_directives/form_group_directive';\nextport {formArrayNameProvider as Éµangular_packages_forms_forms_u,formGroupNameProvider as Éµangular_packages_forms_forms_t} from './src/directives/reactive_directives/form_group_name';\nextport {SELECT_VALUE_ACCESSOR as Éµangular_packages_forms_forms_v} from './src/directives/select_control_value_accessor';\nextport {NgSelectMultipleOption as Éµangular_packages_forms_forms_x,SELECT_MULTIPLE_VALUE_ACCESSOR as Éµangular_packages_forms_forms_w} from './src/directives/select_multiple_control_value_accessor';\nextport {CHECKBOX_REQUIRED_VALIDATOR as Éµangular_packages_forms_forms_ba,EMAIL_VALIDATOR as Éµangular_packages_forms_forms_bb,MAX_LENGTH_VALIDATOR as Éµangular_packages_forms_forms_bd,MIN_LENGTH_VALIDATOR as Éµangular_packages_forms_forms_bc,PATTERN_VALIDATOR as Éµangular_packages_forms_forms_be,REQUIRED_VALIDATOR as Éµangular_packages_forms_forms_z} from './src/directives/validators';"],"names":["getDOM","isPromise","isObservable","Examples","looseIdentical","_buildValueString","_extractId","resolvedPromise","formControlBinding","formDirectiveProvider","NgNoValidate","NgSelectMultipleOption","InternalFormsSharedModule"],"mappings":":;AAsBA,mCA6GC;IAxFC,+DAA2B;IAmC3B,oEAAgC;IAiChC,qEAAiC;IAmBjC,4EAA6C;AAU/C,MAAA,iBAAiB,GAAG,IAAI,cAAc,CAAuB,iBAAiB,CAAC;AChI5F,MAAA,uBAAuB,GAAQ;IAC1C,OAAO,EAAE,iBAAiB;IAC1B,WAAW,EAAE,UAAU;;IAAC,MAAM,4BAA4B,EAAc;IAC3D,KAAK,EAAE,IAAI;CACZ;AA+BD,MAAA,4BAA4B;IAavC,YAAoB,SAAoB,EA AU,WAAuB;QAARd,cAAS,GAAT,SAAS,CAAW;QAAU,gBAAW,GAAX,WAAW,CAAY;;QARzE,aAAQ;;QAAG,CAAC,CAAM,QAAO,EAAc;;QAM1B,cAAS;;QAAG,SAAQ,EAAc;KAEwD;IAO7E,UAAU,CAAC,KAAU;QACnB,IAAI,CAAC,SAAS,CAAC,WAAW,CAAC,IAAI,CAAC,WAAW,CAAC,aAAa,EAAE,SAAS,EA AE,KAAK,CAAC,CAAC;KAC9E;IAQD,gBAAgB,CAAC,EAAkB,IAAU,IAAI,CAAC,QAAQ,GAAG,EAAE,CAAC,EAAE;;IAQIE,iBAAiB,CAAC,EAAY,IAAU,IAAI,CAAC,SAAS,GAAG,EAAE,CAAC,EAAE;;IAO9D,gBAAgB,CAAC,UAAmB;QACIC,IAAI,CAAC,SAAS,CAAC,WAAW,CAAC,IAAI,CAAC,WAAW,CAAC,aAAa,EAAE,UAAU,EAAE,UAAU,CAAC,CAAC;KACpF;;YArDF,SAAS,SAAC;gBACT,QAAQ,EACJ,uGAAuG;gBAC3G,IAAI,EAAE,EAAC,UAAU,EAAE,iCAAiC,EAAE,QAAQ,EAAE,aAAa,EAAC;gBAC9E,SAAS,EAAE,CAAC,uBAAuB,CAAC;aACrC;;YAtC8B,SAAS;YAArB,UAAU;;IA4C3B,gDAA0B;IAM1B,iDAAqB;IAET,iDAA4B;;IAAE,mDAA+B;;AChD3E,MAAA,sBAAsB,GAAQ;IACzC,OAAO,EAAE,iBAAiB;IAC1B,WAAW,EAAE,UAAU;;IAAC,MAAM,oBAAoB,EAAC;IACnD,KAAK,EAAE,IAAI;CACZ;AAMD,SAAS,UAAU;;UACX,SAAS,GAAGA,OAAM,EAAE,GAAGA,OAAM,EAAE,CAAC,YAAY,EAAE,GAAG,EAAE;IACzD,OAAO,eAAe,CAAC,IAAI,CAAC,SAAS,CAAC,WAAW,EAAE,CAAC,CAAC;CACtD;AAQD,MAAA,uBAAuB,GAAG,IAAI,cAAc,CAAU,sBAAsB,CAAC;AAyC1F,MAAA,oBAAoB;IAGb/B,YACY,SAAoB,EAAU,WAAuB,EACR,gBAAyB;QADtE,cAAS,GAAT,SAAS,CAAW;QAAU,gBAAW,GAAX,WAAW,CAAY;QACR,qBAAgB,GAAhB,gBAAgB,CAAS;;QAbIF,aAAQ;;QAAG,CAAC,CAAM,QAAO,EAAc;;QAM1B,cAAS;;QAAG,SAAQ,EAAc;;QAGb,eAAU,GAAG,KAAK,CAAC;QAKzB,IAAI,IAAI,CAAC,gBAAgB,IAAI,IAAI,EAAE;YACjC,IAAI,CAAC,gBAAgB,GAAG,CAAC,UAAU,EAAE,CAAC;SACvC;KACF;;IAOD,UAAU,CAAC,KAAU;;cACb,eAAe,GAAG,KAAK,IAAI,IAAI,GAAG,EAAE,GAAG,KAAK;QACID,IAAI,CAAC,SAAS,CAAC,WAAW,CAAC,IAAI,CAAC,WAAW,CAAC,aAAa,EAAE,OAAO,EAAE,eAAe,CAAC,CAAC;KACtF;IAQD,gBAAgB,CAAC,EAAoB,IAAU,IAAI,CAAC,QAAQ,GAAG,EAAE,CAAC,EAAE;;IAQpE,iBAAiB,CAAC,EAAc,IAAU,IAAI,CAAC,SAAS,GAAG,EAAE,CAAC,EAAE;;IAOhE,gBAAgB,CAAC,UAAmB;QACIC,IAAI,CAAC,SAAS,CAAC,WAAW,CAAC,IAAI,CAAC,WAAW,CAAC,aAAa,EAAE,UAAU,EAAE,UAAU,CAAC,CAAC;KACpF;;IAGD,YAAY,CAAC,KAAU;QACrB,IAAI,CAAC,IAAI,CAAC,gBAAgB,KAAK,IAAI,CAAC,gBAAgB,IAAI,CAAC,IAAI,CAAC,UAAU,CAAC,EAAE;YACzE,IAAI,CAAC,QAAQ,CAAC,KAAK,CAAC,CAAC;SACtB;KACF;;IAGD,iBAAiB,KAAW,IAAI,CAAC,UAAU,GAAG,IAAI,CAAC,EAAE;;IA

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+B,eAAe/C,EAAS,aAAc,CAAE6D,OAAO", "sourcesContent":["/*\n * @license Angular v9.0.7\n * (c) 2010-2020
Google LLC. https://angular.io\n * License: MIT\n */\n\n(function (global, factory) {\n typeof exports ===
'object' && typeof module !== 'undefined' ? factory(exports, require('@angular/core'), require('@angular/common'),
require('rxjs'), require('rxjs/operators')) :\n typeof define === 'function' && define.amd ? define('@angular/forms',
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global.rxjs.operators));\n})(this, (function (exports, core, common, rxjs, operators) { 'use strict';\n\n


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FITNESS FOR A PARTICULAR PURPOSE,\r\n MERCHANTABILITY OR NON-INFRINGEMENT.\r\n\r\n See the Apache Version 2.0 License for specific language governing permissions\r\n and limitations under the
License.\r\n ***** */\r\n
/* global Reflect, Promise */\r\n\r\n var extendStatics = function(d, b) {\r\n    extendStatics =
Object.setPrototypeOf ||\r\n        ({ __proto__: [] } instanceof Array && function (d, b) { d.__proto__ = b; }) ||\r\n        function (d, b) { for (var p in b) if (b.hasOwnProperty(p)) d[p] = b[p]; }; \r\n    return extendStatics(d, b);\r\n};\r\n\r\n function __extends(d, b) {\r\n    extendStatics(d, b);\r\n    function __() { this.constructor = d; }\r\n    d.prototype = b === null ? Object.create(b) : (__proto__ = b.prototype, new __());\r\n}\r\n\r\n var __assign
= function() {\r\n    __assign = Object.assign || function __assign(t) {\r\n        for (var s, i = 1, n =
arguments.length; i < n; i++) {\r\n            s = arguments[i];\r\n            for (var p in s) if
(Object.prototype.hasOwnProperty.call(s, p)) t[p] = s[p];\r\n        }\r\n        return
__assign.apply(this, arguments);\r\n    };\r\n\r\n    function __rest(s, e) {\r\n        var t = {};\r\n        for (var p in s) if
(Object.prototype.hasOwnProperty.call(s, p) && e.indexOf(p) < 0)\r\n            t[p] = s[p];\r\n        if (s != null &&
typeof Object.getPrototypeOf === "function")\r\n            for (var i = 0, p =
Object.getPrototypeOf(s); i < p.length; i++) {\r\n                if (e.indexOf(p[i]) < 0 &&
Object.prototype.propertyIsEnumerable.call(s, p[i]))\r\n                    t[p[i]] = s[p[i]];\r\n            }\r\n        return t;\r\n    }\r\n\r\n    function __decorate(decorators, target, key, desc) {\r\n        var c = arguments.length, r = c < 3 ? target :
desc === null ? desc = Object.getOwnPropertyDescriptor(target, key) : desc, d;\r\n        if (typeof Reflect ===
"object" && typeof Reflect.decorate === "function") r = Reflect.decorate(decorators, target, key, desc);\r\n        else for (var i = decorators.length - 1; i >= 0; i--) if (d = decorators[i]) r = (c < 3 ? d(r) : c > 3 ? d(target, key, r) :
d(target, key)) || r;\r\n        return c > 3 && r && Object.defineProperty(target, key, r, r);\r\n    }\r\n\r\n    function
__param(paramIndex, decorator) {\r\n        return function (target, key) { decorator(target, key, paramIndex); }\r\n    }\r\n\r\n    function __metadata(metadataKey, metadataValue) {\r\n        if (typeof Reflect === "object" && typeof
Reflect.metadata === "function") return Reflect.metadata(metadataKey, metadataValue);\r\n    }\r\n\r\n    function __awaiter(thisArg, _arguments, P, generator) {\r\n        return new (P || (P = Promise))(function (resolve, reject) {\r\n            function fulfilled(value) { try { step(generator.next(value)); } catch (e) { reject(e); } }\r\n            function
rejected(value) { try { step(generator["throw"](value)); } catch (e) { reject(e); } }\r\n            function step(result) {
result.done ? resolve(result.value) : new P(function (resolve) { resolve(result.value); }).then(fulfilled, rejected); }\r\n            step((generator = generator.apply(thisArg, _arguments || [])).next());\r\n        });\r\n    }\r\n\r\n    function
__generator(thisArg, body) {\r\n        var _ = { label: 0, sent: function() { if (t[0] & 1) throw t[1]; return t[1]; }, trys:
[], ops: [] }, f, y, t, g;\r\n        return g = { next: verb(0), "throw": verb(1), "return": verb(2) }, typeof Symbol ===
"function" && (g[Symbol.iterator] = function() { return this; }), g;\r\n        function verb(n) { return function (v) {
return step([n, v]); }; }\r\n        function step(op) {\r\n            if (f) throw new TypeError("Generator is already
executing.");\r\n            while (__) try {\r\n                if (f = 1, y && (t = op[0] & 2 ? y["return"] : op[0] ?
y["throw"] || ((t = y["return"]) && t.call(y), 0) : y.next) && !(t = t.call(y, op[1])).done) return t;\r\n                if (y
= 0, t) op = [op[0] & 2, t.value];\r\n                switch (op[0]) {\r\n                    case 0: case 1: t = op; break;\r\n                    case 4: _.label++; return { value: op[1], done: false }; \r\n                    case 5: _.label++; y = op[1]; op = [0];
continue;\r\n                    case 7: op = _.ops.pop(); _.trys.pop(); continue;\r\n                    default: \r\n                        if
(! (t = _.trys, t = t.length > 0 && t[t.length - 1]) && (op[0] === 6 || op[0] === 2)) { _ = 0; continue; }\r\n                        if (op[0] === 3 && (! t || (op[1] > t[0] && op[1] < t[3]))) { _.label = op[1]; break; }\r\n                        if (op[0] ===
6 && _.label < t[1]) { _.label = t[1]; t = op; break; }\r\n                        if (t && _.label < t[2]) { _.label = t[2];
_.ops.push(op); break; }\r\n                        if (t[2] _ops.pop();\r\n                        _trys.pop(); continue;\r\n                    }
}

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    } catch (e) { op = [6, e]; y = 0; } finally { f = t = 0; }
    if (op[0] & 5) throw op[1]; return { value: op[0] ? op[1] : void 0, done: true };
  }
}

function __exportStar(m, exports) {
  for (var p in m) if (!exports.hasOwnProperty(p)) exports[p] = m[p];
}

function __values(o) {
  var m = typeof Symbol === "function" && o[Symbol.iterator], i = 0;
  if (m) return m.call(o);
  return {
    next: function () {
      if (o && i >= o.length) o = void 0;
      return { value: o && o[i++], done: !o };
    }
  };
}

function __read(o, n) {
  var m = typeof Symbol === "function" && o[Symbol.iterator];
  if (!m) return o;
  var i = m.call(o), r, ar = [], e;
  try {
    while ((n === void 0 || n-- > 0) && !(r = i.next()).done)
      ar.push(r.value);
  } catch (error) { e = { error: error }; }
  finally {
    try {
      if (r && !r.done && (m = i["return"])) m.call(i);
    } finally { if (e) throw e.error; }
  }
  return ar;
}

function __spread() {
  for (var ar = [], i = 0; i < arguments.length; i++)
    ar = ar.concat(__read(arguments[i]));
  return ar;
}

function __spreadArrays() {
  for (var s = 0, i = 0, il = arguments.length; i < il; i++)
    s += arguments[i].length;
  for (var r = Array(s), k = 0, i = 0; i < il; i++)
    for (var a = arguments[i], j = 0, jl = a.length; j < jl; j++, k++)
      r[k] = a[j];
  return r;
}

function __await(v) {
  return this instanceof __await ? (this.v = v, this) : new __await(v);
}

function __asyncGenerator(thisArg, arguments, generator) {
  if (!Symbol.asyncIterator) throw new TypeError("Symbol.asyncIterator is not defined.");
  var g = generator.apply(thisArg, arguments || []), i, q = [];
  return i = {}, verb("next"), verb("throw"), verb("return"), i[Symbol.asyncIterator] = function () { return this; }, i;
  function verb(n) {
    if (g[n]) i[n] = function (v) { return new Promise(function (a, b) { q.push([n, v, a, b]) > 1 || resume(n, v); }); };
  }
  function resume(n, v) {
    try { step(g[n](v)); } catch (e) { settle(q[0][3], e); }
    function step(r) { r.value instanceof __await ? Promise.resolve(r.value.v).then(fulfill, reject) : settle(q[0][2], r); }
    function fulfill(value) { resume("next", value); }
    function reject(value) { resume("throw", value); }
    function settle(f, v) { if (f(v), q.shift(), q.length) resume(q[0][0], q[0][1]); }
  }
}

function __asyncDelegator(o) {
  var i, p;
  return i = {}, verb("next"), verb("throw"), function (e) { throw e; }, verb("return"), i[Symbol.iterator] = function () { return this; }, i;
  function verb(n, f) { i[n] = o[n] ? function (v) { return (p = !p) ? { value: __await(o[n](v)), done: n === "return" } : f ? f(v) : v; } : f; }
}

function __asyncValues(o) {
  if (!Symbol.asyncIterator) throw new TypeError("Symbol.asyncIterator is not defined.");
  var m = o[Symbol.asyncIterator], i;
  return m ? m.call(o) : (o = typeof __values === "function" ? __values(o) : o[Symbol.iterator], i = {}, verb("next"), verb("throw"), verb("return"), i[Symbol.asyncIterator] = function () { return this; }, i);
  function verb(n) { i[n] = o[n] && function (v) { return new Promise(function (resolve, reject) { v = o[n](v), settle(resolve, reject, v.done, v.value); }); }; }
  function settle(resolve, reject, d, v) { Promise.resolve(v).then(function(v) { resolve({ value: v, done: d }); }, reject); }
}

function __makeTemplateObject(cooked, raw) {
  if (Object.defineProperty) { Object.defineProperty(cooked, "raw", { value: raw }); } else { cooked.raw = raw; }
  return cooked;
}

function __importStar(mod) {
  if (mod && mod.__esModule) return mod;
  var result = {};
  if (mod != null) for (var k in mod) if (Object.hasOwnProperty.call(mod, k)) result[k] = mod[k];
  result.default = mod;
  return result;
}

function __importDefault(mod) {
  return (mod && mod.__esModule) ? mod : { default: mod };
}

/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license
 * Used to provide a `ControlValueAccessor` for form controls.
 * See `DefaultValueAccessor` for how to implement one.
 * @publicApi
 * var
 * NG_VALUE_ACCESSOR = new core.InjectionToken('NgValueAccessor');
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license
 * var
 * CHECKBOX_VALUE_ACCESSOR = {
 *   provide: NG_VALUE_ACCESSOR,
 *   useExisting:
 *     core.forwardRef(function () { return CheckboxControlValueAccessor; }),
 *   multi: true,
 * };
 * @description
 * A `ControlValueAccessor` for writing a value and listening to changes on a checkbox input

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* element.\n * \n * @usageNotes\n * \n * ### Using a checkbox with a reactive form.\n * \n * The
following example shows how to use a checkbox with a reactive form.\n * \n * ```ts\n * const
rememberLoginControl = new FormControl();\n * ```\n * \n * ```\n * <input type="checkbox"
[formControl]="rememberLoginControl">\n * ```\n * \n * @ngModule ReactiveFormsModule\n *
@ngModule FormsModule\n * @publicApi\n * \n var CheckboxControlValueAccessor = /** @class */
(function () {\n * function CheckboxControlValueAccessor(_renderer, _elementRef) {\n * this._renderer =
_renderer;\n * this._elementRef = _elementRef;\n * /**\n * * @description\n * * The
registered callback function called when a change event occurs on the input element.\n * * \n
this.onChange = function (_) { }; \n * /**\n * * @description\n * * The registered callback function
called when a blur event occurs on the input element.\n * * \n * this.onTouched = function () { }; \n
}\n * /**\n * * Sets the "checked" property on the input element.\n * * \n * @param value The
checked value\n * * \n * CheckboxControlValueAccessor.prototype.writeValue = function (value) {\n
this._renderer.setProperty(this._elementRef.nativeElement, 'checked', value);\n * }; \n * /**\n *
* @description\n * * Registers a function called when the control value changes.\n * * \n * @param fn The
callback function\n * * \n * CheckboxControlValueAccessor.prototype.registerOnChange = function (fn) {\n
this.onChange = fn; }; \n * /**\n * * @description\n * * Registers a function called when the control is
touched.\n * * \n * @param fn The callback function\n * * \n
CheckboxControlValueAccessor.prototype.registerOnTouched = function (fn) {\n * this.onTouched = fn; }; \n
/**\n * * Sets the "disabled" property on the input element.\n * * \n * @param isDisabled The disabled value\n
* * \n * CheckboxControlValueAccessor.prototype.setDisabledState = function (isDisabled) {\n
this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n * }; \n
CheckboxControlValueAccessor = __decorate([\n * core.Directive({\n * selector:
'input[type=checkbox][formControlName],input[type=checkbox][formControl],input[type=checkbox][ngModel]',\n
host: {\n * '(change)': 'onChange($event.target.checked)',\n * '(blur)': 'onTouched()' },\n * providers:
[CHECKBOX_VALUE_ACCESSOR]\n * }]),\n * __metadata({"design:paramtypes": [core.Renderer2,
core.ElementRef]}),\n * CheckboxControlValueAccessor);\n * return CheckboxControlValueAccessor;\n
}());\n * \n * /**\n * * @license\n * * Copyright Google Inc. All Rights Reserved.\n * * \n * Use of this source
code is governed by an MIT-style license that can be\n * * found in the LICENSE file at https://angular.io/license\n
* \n * \n * var DEFAULT_VALUE_ACCESSOR = {\n * provide: NG_VALUE_ACCESSOR,\n * useExisting:
core.forwardRef(function () { return DefaultValueAccessor; }),\n * multi: true\n * }; \n * /**\n * * We must
check whether the agent is Android because composition events\n * * behave differently between iOS and
Android.\n * * \n * function _isAndroid() {\n * var userAgent = common.getDOM() ?
common.getDOM().getUserAgent() : ""; \n * return /android(\\d+)/.test(userAgent.toLowerCase());\n * } \n * \n * /**\n *
* @description\n * * Provide this token to control if form directives buffer IME input until\n * * the
"compositionend" event occurs.\n * * \n * @publicApi\n * * \n * var COMPOSITION_BUFFER_MODE = new
core.InjectionToken('CompositionEventMode'); \n * \n * /**\n * * @description\n * * The default
`ControlValueAccessor` for writing a value and listening to changes on input\n * * elements. The accessor is used
by the `FormControlDirective`, `FormControlName`, and\n * * `NgModel` directives.\n * * \n * @usageNotes\n
* \n * ### Using the default value accessor\n * * \n * The following example shows how to use an input
element that activates the default value accessor\n * * (in this case, a text field).\n * * \n * ```ts\n * const
firstNameControl = new FormControl();\n * ```\n * \n * ```\n * <input type="text"
[formControl]="firstNameControl">\n * ```\n * \n * @ngModule ReactiveFormsModule\n * @ngModule
FormsModule\n * @publicApi\n * \n var DefaultValueAccessor = /** @class */ (function () {\n * function
DefaultValueAccessor(_renderer, _elementRef, _compositionMode) {\n * this._renderer = _renderer;\n
this._elementRef = _elementRef;\n * this._compositionMode = _compositionMode;\n * /**\n * *
@description\n * * The registered callback function called when an input event occurs on the input element.\n
* * \n * \n * this.onChange = function (_) { }; \n * /**\n * * @description\n * * The registered
callback function called when a blur event occurs on the input element.\n * * \n * \n * this.onTouched =

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function () { };\n      /** Whether the user is creating a composition string (IME events). */\n
this._composing = false;\n      if (this._compositionMode == null) {\n          this._compositionMode =
!_isAndroid();\n      }\n      /**\n      * Sets the \"value\" property on the input element.\n      */\n
* @param value The checked value\n      */\n      DefaultValueAccessor.prototype.writeValue = function (value)
{\n      var normalizedValue = value == null ? \"\" : value;\n
this._renderer.setProperty(this._elementRef.nativeElement, 'value', normalizedValue);\n      };\n      /**\n      *
@description\n      * Registers a function called when the control value changes.\n      */\n      * @param fn The
callback function\n      */\n      DefaultValueAccessor.prototype.registerOnChange = function (fn) {
this.onChange = fn; };\n      /**\n      * @description\n      * Registers a function called when the control is
touched.\n      */\n      * @param fn The callback function\n      */\n
DefaultValueAccessor.prototype.registerOnTouched = function (fn) { this.onTouched = fn; };\n      /**\n      *
Sets the \"disabled\" property on the input element.\n      */\n      * @param isDisabled The disabled value\n
*/\n      DefaultValueAccessor.prototype.setDisabledState = function (isDisabled) {\n
this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n      };\n      /** @internal */\n
      DefaultValueAccessor.prototype._handleInput = function (value) {\n      if (!this._compositionMode ||
(this._compositionMode && !this._composing)) {\n          this.onChange(value);\n      }\n      };\n      /**
@internal */\n      DefaultValueAccessor.prototype._compositionStart = function () { this._composing = true; };\n
      /** @internal */\n      DefaultValueAccessor.prototype._compositionEnd = function (value) {\n
this._composing = false;\n      this._compositionMode && this.onChange(value);\n      };\n
DefaultValueAccessor = __decorate([\n      core.Directive({\n          selector:
'input:not([type=checkbox])[formControlName],textarea[formControlName],input:not([type=checkbox])[formContr
ol],textarea[formControl],input:not([type=checkbox])[ngModel],textarea[ngModel],[ngDefaultControl]'\n
// TODO: vsavkin replace the above selector with the one below it once\n      //
https://github.com/angular/angular/issues/3011 is implemented\n      // selector:
'[ngModel],[formControl],[formControlName]',\n          host: {\n              '(input)':
'$any(this)._handleInput($event.target.value)',\n              '(blur)': 'onTouched()',\n
              '(compositionstart)': '$any(this)._compositionStart()',\n              '(compositionend)':
'$any(this)._compositionEnd($event.target.value)'\n          },\n          providers:
[DEFAULT_VALUE_ACCESSOR]\n      }],\n      __param(2, core.Optional()), __param(2,
core.Inject(COMPOSITION_BUFFER_MODE)),\n      __metadata(\"design:paramtypes\", [core.Renderer2,
core.ElementRef, Boolean])\n      ], DefaultValueAccessor);\n      return DefaultValueAccessor;\n      }());\n
/**\n      * @license\n      * Copyright Google Inc. All Rights Reserved.\n      */\n      * Use of this source code is
governed by an MIT-style license that can be\n      * found in the LICENSE file at https://angular.io/license\n      */\n
/**\n      * @description\n      * Base class for control directives.\n      */\n      * This class is only used internally in the
`ReactiveFormsModule` and the `FormsModule`.\n      */\n      * @publicApi\n      */\n      var AbstractControlDirective
= /** @class */ (function () {\n      function AbstractControlDirective() {\n      }\n
Object.defineProperty(AbstractControlDirective.prototype, \"value\", {\n      /**\n      * @description\n
      * Reports the value of the control if it is present, otherwise null.\n      */\n      */\n      get: function () { return
this.control ? this.control.value : null; },\n      enumerable: true,\n      configurable: true\n      });\n
Object.defineProperty(AbstractControlDirective.prototype, \"valid\", {\n      /**\n      * @description\n
      * Reports whether the control is valid. A control is considered valid if no\n      * validation errors exist with the
current value.\n      * If the control is not present, null is returned.\n      */\n      */\n      get: function () { return
this.control ? this.control.valid : null; },\n      enumerable: true,\n      configurable: true\n      });\n
Object.defineProperty(AbstractControlDirective.prototype, \"invalid\", {\n      /**\n      * @description\n
      * Reports whether the control is invalid, meaning that an error exists in the input value.\n      * If the control
is not present, null is returned.\n      */\n      */\n      get: function () { return this.control ? this.control.invalid : null;
},\n      enumerable: true,\n      configurable: true\n      });\n
Object.defineProperty(AbstractControlDirective.prototype, \"pending\", {\n      /**\n      * @description\n

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    * Reports whether a control is pending, meaning that that async validation is occurring and
    * errors are not yet available for the input value. If the control is not present, null is
    * returned.
    get: function () { return this.control ? this.control.pending : null; },
    enumerable: true,
    configurable: true
  });
  Object.defineProperty(AbstractControlDirective.prototype, "disabled", {
    /**
     * @description
     * Reports whether the control is disabled, meaning that the control is disabled
     * in the UI and is exempt from validation checks and excluded from aggregate
     * values of ancestor controls. If the control is not present, null is returned.
     */
    get: function () { return this.control ? this.control.disabled : null; },
    enumerable: true,
    configurable: true
  });
  Object.defineProperty(AbstractControlDirective.prototype, "enabled", {
    /**
     * @description
     * Reports whether the control is enabled, meaning that the control is included in ancestor
     * calculations of validity or value. If the control is not present, null is returned.
     */
    get: function () { return this.control ? this.control.enabled : null; },
    enumerable: true,
    configurable: true
  });
  Object.defineProperty(AbstractControlDirective.prototype, "errors", {
    /**
     * @description
     * Reports the control's validation errors. If the control is not present, null is returned.
     */
    get: function () { return this.control ? this.control.errors : null; },
    enumerable: true,
    configurable: true
  });
  Object.defineProperty(AbstractControlDirective.prototype, "pristine", {
    /**
     * @description
     * Reports whether the control is pristine, meaning that the user has not yet changed
     * the value in the UI. If the control is not present, null is returned.
     */
    get: function () { return this.control ? this.control.pristine : null; },
    enumerable: true,
    configurable: true
  });
  Object.defineProperty(AbstractControlDirective.prototype, "dirty", {
    /**
     * @description
     * Reports whether the control is dirty, meaning that the user has changed
     * the value in the UI. If the control is not present, null is returned.
     */
    get: function () { return this.control ? this.control.dirty : null; },
    enumerable: true,
    configurable: true
  });
  Object.defineProperty(AbstractControlDirective.prototype, "touched", {
    /**
     * @description
     * Reports whether the control is touched, meaning that the user has triggered
     * a `blur` event on it. If the control is not present, null is returned.
     */
    get: function () { return this.control ? this.control.touched : null; },
    enumerable: true,
    configurable: true
  });
  Object.defineProperty(AbstractControlDirective.prototype, "status", {
    /**
     * @description
     * Reports the validation status of the control. Possible values include:
     * 'VALID', 'INVALID', 'DISABLED', and 'PENDING'.
     * If the control is not present, null is returned.
     */
    get: function () { return this.control ? this.control.status : null; },
    enumerable: true,
    configurable: true
  });
  Object.defineProperty(AbstractControlDirective.prototype, "untouched", {
    /**
     * @description
     * Reports whether the control is untouched, meaning that the user has not yet triggered
     * a `blur` event on it. If the control is not present, null is returned.
     */
    get: function () { return this.control ? this.control.untouched : null; },
    enumerable: true,
    configurable: true
  });
  Object.defineProperty(AbstractControlDirective.prototype, "statusChanges", {
    /**
     * @description
     * Returns a multicasting observable that emits a validation status whenever it is
     * calculated for the control. If the control is not present, null is returned.
     */
    get: function () {
      return this.control ? this.control.statusChanges : null;
    },
    enumerable: true,
    configurable: true
  });
  Object.defineProperty(AbstractControlDirective.prototype, "valueChanges", {
    /**
     * @description
     * Returns a multicasting observable of value changes for the control that emits every
     * time the
     * value of the control changes in the UI or programmatically.
     * If the control is not present, null is returned.
     */
    get: function () {
      return this.control ? this.control.valueChanges : null;
    },
    enumerable: true,
    configurable: true
  });
  Object.defineProperty(AbstractControlDirective.prototype, "path", {
    /**
     * @description
     * Returns an array that represents the path from the top-level form to this control.
     * Each index is the string name of the control on that level.
     */
    get: function () { return null; },
    enumerable: true,
    configurable: true
  });
  /**
   * @description
   * Resets the control with the provided value
  */

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if the control is present.\n      *\n      AbstractControlDirective.prototype.reset = function (value) {\n      if\n      (value === void 0) { value = undefined; }\n      if (this.control)\n      this.control.reset(value);\n      };\n      /**\n      * @description\n      * Reports whether the control with the given path has the error specified.\n      *\n      * @param errorCode The code of the error to check\n      * @param path A list of control names that\n      designates how to move from the current control\n      * to the control that should be queried for errors.\n      *\n      * @usageNotes\n      * For example, for the following `FormGroup`:\n      *\n      * ```\n      * form = new\n      FormGroup({\n      * address: new FormGroup({ street: new FormControl() })\n      * });\n      * ```\n      *\n      * The path to the 'street' control from the root form would be 'address' -> 'street'.\n      *\n      * It can be\n      provided to this method in one of two formats:\n      *\n      * 1. An array of string control names, e.g. `['address',\n      'street']`\n      * 1. A period-delimited list of control names in one string, e.g. `address.street`\n      *\n      * If\n      no path is given, this method checks for the error on the current control.\n      *\n      * @returns whether the\n      given error is present in the control at the given path.\n      *\n      * If the control is not present, false is\n      returned.\n      *\n      AbstractControlDirective.prototype.hasError = function (errorCode, path) {\n      return\n      this.control ? this.control.hasError(errorCode, path) : false;\n      };\n      /**\n      * @description\n      * Reports error data for the control with the given path.\n      *\n      * @param errorCode The code of the error to\n      check\n      * @param path A list of control names that designates how to move from the current control\n      * to the control that should be queried for errors.\n      *\n      * @usageNotes\n      * For example, for the\n      following `FormGroup`:\n      *\n      * ```\n      * form = new FormGroup({\n      * address: new\n      FormGroup({ street: new FormControl() })\n      * });\n      * ```\n      *\n      * The path to the 'street' control\n      from the root form would be 'address' -> 'street'.\n      *\n      * It can be provided to this method in one of two\n      formats:\n      *\n      * 1. An array of string control names, e.g. `['address', 'street']`\n      * 1. A period-\n      delimited list of control names in one string, e.g. `address.street`\n      *\n      * @returns error data for that\n      particular error. If the control or error is not present,\n      * null is returned.\n      *\n      AbstractControlDirective.prototype.getError = function (errorCode, path) {\n      return this.control ?\n      this.control.getError(errorCode, path) : null;\n      };\n      return AbstractControlDirective;\n      }());\n      /**\n      * @license\n      * Copyright Google Inc. All Rights Reserved.\n      *\n      * Use of this source code is governed by\n      an MIT-style license that can be\n      * found in the LICENSE file at https://angular.io/license\n      *\n      *\n      *\n      * @description\n      * A base class for directives that contain multiple registered instances of `NgControl`. Only\n      used by the forms module.\n      *\n      * @publicApi\n      *\n      *\n      var ControlContainer = /** @class */ (function\n      (_super) {\n      __extends(ControlContainer, _super);\n      function ControlContainer() {\n      return _super\n      !== null && _super.apply(this, arguments) || this;\n      }\n      Object.defineProperty(ControlContainer.prototype,\n      \"formDirective\", {\n      /**\n      * @description\n      * The top-level form directive for the control.\n      *\n      * @returns\n      *\n      * get: function () { return null; },\n      enumerable: true,\n      configurable: true\n      });\n      Object.defineProperty(ControlContainer.prototype, \"path\", {\n      /**\n      * @description\n      * The path to this group.\n      *\n      * @returns\n      *\n      * get: function () { return null; },\n      enumerable: true,\n      configurable: true\n      });\n      return ControlContainer;\n      })(AbstractControlDirective);\n      /**\n      * @license\n      * Copyright Google Inc. All Rights Reserved.\n      *\n      * Use of this source code is governed by an\n      MIT-style license that can be\n      * found in the LICENSE file at https://angular.io/license\n      *\n      *\n      function\n      unimplemented() {\n      throw new Error('unimplemented');\n      }\n      /**\n      * @description\n      * A base class\n      that all control `FormControl`-based directives extend. It binds a `FormControl`\n      * object to a DOM element.\n      *\n      * @publicApi\n      *\n      *\n      var NgControl = /** @class */ (function (_super) {\n      __extends(NgControl,\n      _super);\n      function NgControl() {\n      var _this = _super !== null && _super.apply(this, arguments) ||\n      this;\n      /**\n      * @description\n      * The parent form for the control.\n      *\n      * @returns\n      *\n      * @internal\n      *\n      * _this._parent = null;\n      /**\n      * @description\n      * The name for\n      the control\n      *\n      * _this.name = null;\n      /**\n      * @description\n      * The value\n      accessor for the control\n      *\n      * _this.valueAccessor = null;\n      /**\n      * @description\n      * The uncomposed array of synchronous validators for the control\n      *\n      * @internal\n      *\n      * _this._rawValidators = [];\n      /**\n      * @description\n      * The uncomposed array of async

```

```

validators for the control\n
    *\n
    * @internal\n
    */\n
    _this._rawAsyncValidators = [];\n
    return _this;\n
  }\n
  Object.defineProperty(NgControl.prototype, "validator", {\n
    /**\n
    * @description\n
    * The registered synchronous validator function for the control\n
    *\n
    * @throws An exception that this method is not implemented\n
    */\n
    get: function () { return\n
    unimplemented(); },\n
    enumerable: true,\n
    configurable: true\n
  });\n
  Object.defineProperty(NgControl.prototype, "asyncValidator", {\n
    /**\n
    * @description\n
    * The registered async validator function for the control\n
    *\n
    * @throws An exception that this\n
    method is not implemented\n
    */\n
    get: function () { return unimplemented(); },\n
    enumerable:\n
    true,\n
    configurable: true\n
  });\n
  return NgControl;\n
})(AbstractControlDirective);\n\n /**\n
 * @license\n
 * Copyright Google Inc. All Rights Reserved.\n
 *\n
 * Use of this source code is governed by an\n
 MIT-style license that can be\n
 * found in the LICENSE file at https://angular.io/license\n
 */\n
var\n
AbstractControlStatus = /** @class */ (function () {\n
  function AbstractControlStatus(cd) {\n
    this._cd =\n
    cd;\n
  }\n
  Object.defineProperty(AbstractControlStatus.prototype, "ngClassUntouched", {\n
    get:\n
    function () { return this._cd.control ? this._cd.control.untouched : false; },\n
    enumerable: true,\n
    configurable: true\n
  });\n
  Object.defineProperty(AbstractControlStatus.prototype, "ngClassTouched", {\n
    get: function () { return this._cd.control ? this._cd.control.touched : false; },\n
    enumerable: true,\n
    configurable: true\n
  });\n
  Object.defineProperty(AbstractControlStatus.prototype, "ngClassPristine", {\n
    get: function () { return this._cd.control ? this._cd.control.pristine : false; },\n
    enumerable: true,\n
    configurable: true\n
  });\n
  Object.defineProperty(AbstractControlStatus.prototype, "ngClassDirty", {\n
    get: function () { return this._cd.control ? this._cd.control.dirty : false; },\n
    enumerable: true,\n
    configurable: true\n
  });\n
  Object.defineProperty(AbstractControlStatus.prototype, "ngClassValid", {\n
    get: function () { return this._cd.control ? this._cd.control.valid : false; },\n
    enumerable: true,\n
    configurable: true\n
  });\n
  Object.defineProperty(AbstractControlStatus.prototype, "ngClassInvalid", {\n
    get: function () { return this._cd.control ? this._cd.control.invalid : false; },\n
    enumerable: true,\n
    configurable: true\n
  });\n
  Object.defineProperty(AbstractControlStatus.prototype, "ngClassPending", {\n
    get: function () { return this._cd.control ? this._cd.control.pending : false; },\n
    enumerable: true,\n
    configurable: true\n
  });\n
  return AbstractControlStatus;\n
})();\n
var NgControlStatusHost = {\n
  'class.ng-untouched': 'ngClassUntouched',\n
  'class.ng-touched': 'ngClassTouched',\n
  'class.ng-pristine':\n
  'ngClassPristine',\n
  'class.ng-dirty': 'ngClassDirty',\n
  'class.ng-valid': 'ngClassValid',\n
  'class.ng-\n
  invalid': 'ngClassInvalid',\n
  'class.ng-pending': 'ngClassPending',\n
  }; \n\n /**\n
 * @description\n
 * Directive automatically applied to Angular form controls that sets CSS classes\n
 * based on control status.\n
 *\n
 * @usageNotes\n
 *\n
 * ### CSS classes applied\n
 *\n
 * The following classes are applied as the\n
 properties become true:\n
 *\n
 * * ng-valid\n
 * * ng-invalid\n
 * * ng-pending\n
 * * ng-pristine\n
 * *\n
 * * ng-dirty\n
 * * ng-untouched\n
 * * ng-touched\n
 *\n
 * @ngModule ReactiveFormsModule\n
 *\n
 * @ngModule FormsModule\n
 * @publicApi\n
 */\n
var NgControlStatus = /** @class */ (function (_super)\n
  {\n
    __extends(NgControlStatus, _super);\n
    function NgControlStatus(cd) {\n
      return _super.call(this,\n
      cd) || this;\n
    }\n
    NgControlStatus = __decorate([\n
      core.Directive({ selector:\n
      '[formControlName],[ngModel],[formControl]', host: NgControlStatusHost }),\n
      __param(0, core.Self()),\n
      __metadata({"design:paramtypes", [NgControl]})\n
    ], NgControlStatus);\n
    return NgControlStatus;\n
  })(AbstractControlStatus);\n\n /**\n
 * @description\n
 * Directive automatically applied to Angular form\n
 groups that sets CSS classes\n
 * based on control status (valid/invalid/dirty/etc).\n
 *\n
 * @see\n
 `NgControlStatus`\n
 *\n
 * @ngModule ReactiveFormsModule\n
 * @ngModule FormsModule\n
 *\n
 * @publicApi\n
 */\n
var NgControlStatusGroup = /** @class */ (function (_super) {\n
  __extends(NgControlStatusGroup, _super);\n
  function NgControlStatusGroup(cd) {\n
    return\n
    _super.call(this, cd) || this;\n
  }\n
  NgControlStatusGroup = __decorate([\n
    core.Directive({\n
    selector: '[formGroupName],[formArrayName],[ngModelGroup],[formGroup],form:not([ngNoForm]),[ngForm]',\n
    host: NgControlStatusHost\n
    }),\n
    __param(0, core.Self()),\n
    __metadata({"design:paramtypes", [ControlContainer]})\n
  ], NgControlStatusGroup);\n
  return

```

```

NgControlStatusGroup;
})(AbstractControlStatus));
/**
 * @license
 * Copyright Google Inc. All
Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be
 * found
in the LICENSE file at https://angular.io/license
 * function isEmptyInputValue(value) {
 // we don't
check for string here so it also works with arrays
return value == null || value.length === 0;
}
/**
 * @description
 * An `InjectionToken` for registering additional synchronous validators used with
`AbstractControl`s.
 * @see `NG_ASYNC_VALIDATORS`
 * @usageNotes
 * ###
Providing a custom validator
 * The following example registers a custom validator directive. Adding the
validator to the
 * existing collection of validators requires the `multi: true` option.
 * ``typescript
 * @Directive({
 * selector: '[customValidator]',
 * providers: [{provide: NG_VALIDATORS,
useExisting: CustomValidatorDirective, multi: true}]}
 * })
 * class CustomValidatorDirective implements
Validator {
 * validate(control: AbstractControl): ValidationErrors | null {
return { 'custom': true };
}
 * }
 * ``
 * @publicApi
 * ^
var NG_VALIDATORS = new
core.InjectionToken('NgValidators');
/**
 * @description
 * An `InjectionToken` for registering
additional asynchronous validators used with `AbstractControl`s.
 * @see `NG_VALIDATORS`
 * @publicApi
 * ^
var NG_ASYNC_VALIDATORS = new core.InjectionToken('NgAsyncValidators');
/**
 * A regular expression that matches valid e-mail addresses.
 * At a high level, this regexp matches
e-mail addresses of the format `local-part@tld`, where:
 * - `local-part` consists of one or more of the allowed
characters (alphanumeric and some
 * punctuation symbols).
 * - `local-part` cannot begin or end with a
period (`.`).
 * - `local-part` cannot be longer than 64 characters.
 * - `tld` consists of one or more `labels`
separated by periods (`.`). For example `localhost` or `foo.com`.
 * - A `label` consists of one or more of
the allowed characters (alphanumeric, dashes (`-`) and
 * periods (`.`)).
 * - A `label` cannot begin or end
with a dash (`-`) or a period (`.`).
 * - A `label` cannot be longer than 63 characters.
 * - The whole address
cannot be longer than 254 characters.
 * ## Implementation background
 * This regexp was
ported over from AngularJS (see there for git history):
 *
https://github.com/angular/angular.js/blob/c133ef836/src/ng/directive/input.js#L27
 * It is based on the
 * [WHATWG version](https://html.spec.whatwg.org/multipage/input.html#valid-e-mail-address) with
 * some
enhancements to incorporate more RFC rules (such as rules related to domain names and the
 * lengths of
different parts of the address). The main differences from the WHATWG version are:
 * - Disallow `local-part`
to begin or end with a period (`.`).
 * - Disallow `local-part` length to exceed 64 characters.
 * - Disallow
total address length to exceed 254 characters.
 * See [this
commit](https://github.com/angular/angular.js/commit/f3f5cf72e) for more details.
 * ^
var
EMAIL_REGEXP = /^(?=.{1,254}$)(?=.{1,64}@)[a-zA-Z0-9!#$%&'*/+=?^_{}~]+(?:\[a-zA-Z0-
9!#$%&'*/+=?^_{}~]+)*@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(?:\[a-zA-Z0-9](?:[a-zA-Z0-9-
]{0,61}[a-zA-Z0-9])?)*$/;
/**
 * @description
 * Provides a set of built-in validators that can be used by
form controls.
 * A validator is a function that processes a `FormControl` or collection of
 * controls
and returns an error map or null. A null map means that validation has passed.
 * @see [Form
Validation](/guide/form-validation)
 * @publicApi
 * ^
var Validators = /** @class */ (function ()
{
function Validators() {
}
/**
 * @description
 * Validator that requires the control's
value to be greater than or equal to the provided number.
 * The validator exists only as a function and not as a
directive.
 * @usageNotes
 * ### Validate against a minimum of 3
 * ``typescript
 * const control = new FormControl(2, Validators.min(3));
 * console.log(control.errors); // {min: {min: 3, actual: 2}}
 * ``
 * @returns A validator function
that returns an error map with the
 * `min` property if the validation check fails, otherwise `null`.
 * @see `updateValueAndValidity()`
 * ^
Validators.min = function (min) {
return
function (control) {
if (isEmptyInputValue(control.value) || isEmptyInputValue(min)) {
return null;
// don't validate empty values to allow optional controls
}
var value =
parseFloat(control.value);
// Controls with NaN values after parsing should be treated as not having a
// minimum, per the HTML forms spec: https://www.w3.org/TR/html5/forms.html#attr-input-min

```



```

return isNaN(value) && value < min ? { 'min': { 'min': min, 'actual': control.value } } : null;
};
};
/**
 * @description
 * Validator that requires the control's value to be less than or equal to the
provided number.
 * The validator exists only as a function and not as a directive.
 *
 * @usageNotes
 * ### Validate against a maximum of 15
 * ```typescript
 * const
control = new FormControl(16, Validators.max(15));
 * console.log(control.errors); // {max: {max:
15, actual: 16}}
 * ```
 * @returns A validator function that returns an error map with the
 * `max` property if the validation check fails, otherwise `null`.
 * @see
updateValueAndValidity()
 * \n Validators.max = function (max) {
return function
(control) {
if (isEmptyInputValue(control.value) || isEmptyInputValue(max)) {
return null;
// don't validate empty values to allow optional controls
}
var value =
parseFloat(control.value);
// Controls with NaN values after parsing should be treated as not having a
// maximum, per the HTML forms spec: https://www.w3.org/TR/html5/forms.html#attr-input-max
return isNaN(value) && value > max ? { 'max': { 'max': max, 'actual': control.value } } : null;
};
};
/**
 * @description
 * Validator that requires the control have a non-empty value.
 *
 * @usageNotes
 * ### Validate that the field is non-empty
 * ```typescript
 * const control = new FormControl("", Validators.required);
 * console.log(control.errors); // {required:
true}
 * ```
 * @returns An error map with the `required` property
 * if the validation
check fails, otherwise `null`.
 * @see updateValueAndValidity()
 * \n
Validators.required = function (control) {
return isEmptyInputValue(control.value) ? { 'required': true } :
null;
};
/**
 * @description
 * Validator that requires the control's value be true. This
validator is commonly
 * used for required checkboxes.
 * @usageNotes
 * ###
Validate that the field value is true
 * ```typescript
 * const control = new FormControl("",
Validators.requiredTrue);
 * console.log(control.errors); // {required: true}
 * ```
 * @returns An error map that contains the `required` property
 * set to `true` if the validation check fails,
otherwise `null`.
 * @see updateValueAndValidity()
 * \n
Validators.requiredTrue = function (control) {
return control.value === true ? null : { 'required': true };
};
/**
 * @description
 * Validator that requires the control's value pass an email validation
test.
 * Tests the value using a [regular expression](https://developer.mozilla.org/en-
US/docs/Web/JavaScript/Guide/Regular_Expressions)
 * pattern suitable for common usecases. The pattern is
based on the definition of a valid email
 * address in the [WHATWG HTML
specification](https://html.spec.whatwg.org/multipage/input.html#valid-e-mail-address)
 * with some
enhancements to incorporate more RFC rules (such as rules related to domain names and
 * the lengths of
different parts of the address).
 * The differences from the WHATWG version include:
 * - Disallow `local-part` (the part before the `@` symbol) to begin or end with a period (`.`).
 * - Disallow `local-part` to be longer than 64 characters.
 * - Disallow the whole address to be longer than 254 characters.
 *
 * If this pattern does not satisfy your business needs, you can use `Validators.pattern()` to
 * validate
the value against a different pattern.
 * @usageNotes
 * ### Validate that the field
matches a valid email pattern
 * ```typescript
 * const control = new FormControl('bad@',
Validators.email);
 * console.log(control.errors); // {email: true}
 * ```
 * @returns An error map with the `email` property
 * if the validation check fails, otherwise `null`.
 * @see updateValueAndValidity()
 * \n
Validators.email = function (control) {
if
(isEmptyInputValue(control.value)) {
return null;
// don't validate empty values to allow optional
controls
}
return EMAIL_REGEXP.test(control.value) ? null : { 'email': true };
};
/**
 * @description
 * Validator that requires the length of the control's value to be greater than or
equal
 * to the provided minimum length. This validator is also provided by default if you use the
 * the
HTML5 `minlength` attribute.
 * @usageNotes
 * ### Validate that the field has a
minimum of 3 characters
 * ```typescript
 * const control = new FormControl('ng',
Validators.minLength(3));
 * console.log(control.errors); // {minlength: {requiredLength: 3,

```

```

actualLength: 2}}\n      * ```\n      *\n      * ```html\n      * <input minlength="5">\n      * ```\n      *\n      * @returns A validator function that returns an error map with the\n      * `minlength` if the validation check fails,\n      otherwise `null`.\n      *\n      * @see `updateValueAndValidity()`\n      *\n      *\n      Validators.minLength\n      = function (minLength) {\n      return function (control) {\n      if (isEmptyInputValue(control.value)) {\n      return null; // don't validate empty values to allow optional controls\n      }\n      var length =\n      control.value ? control.value.length : 0;\n      return length < minLength ?\n      {\n      'minlength': {\n      'requiredLength': minLength, 'actualLength': length } : null;\n      }\n      };\n      };\n      /**\n      *\n      * @description\n      * Validator that requires the length of the control's value to be less than or equal\n      * to the\n      provided maximum length. This validator is also provided by default if you use the\n      * the HTML5\n      `maxlength` attribute.\n      *\n      * @usageNotes\n      *\n      * ### Validate that the field has maximum of\n      5 characters\n      *\n      * ```typescript\n      * const control = new FormControl('Angular',\n      Validators.maxLength(5));\n      *\n      * console.log(control.errors); // {maxlength: {requiredLength: 5,\n      actualLength: 7}}\n      * ```\n      *\n      * ```html\n      * <input maxlength="5">\n      * ```\n      *\n      * @returns A validator function that returns an error map with the\n      * `maxlength` property if the validation\n      check fails, otherwise `null`.\n      *\n      * @see `updateValueAndValidity()`\n      *\n      *\n      Validators.maxLength = function (maxLength) {\n      return function (control) {\n      var length =\n      control.value ? control.value.length : 0;\n      return length > maxLength ?\n      {\n      'maxlength': {\n      'requiredLength': maxLength, 'actualLength': length } : null;\n      }\n      };\n      };\n      /**\n      *\n      * @description\n      * Validator that requires the control's value to match a regex pattern. This validator is also\n      * provided by default if you use the HTML5 `pattern` attribute.\n      *\n      * @usageNotes\n      *\n      * ### Validate that the field only contains letters or spaces\n      *\n      * ```typescript\n      * const control = new\n      FormControl('1', Validators.pattern('[a-zA-Z]*'));\n      *\n      * console.log(control.errors); // {pattern:\n      {requiredPattern: '^[a-zA-Z]*$', actualValue: '1'}}\n      * ```\n      *\n      * ```html\n      * <input\n      pattern="[a-zA-Z]*">\n      * ```\n      *\n      * @param pattern A regular expression to be used as is to test\n      the values, or a string.\n      * If a string is passed, the `^` character is prepended and the `$` character is\n      * appended to the provided string (if not already present), and the resulting regular\n      * expression is used to test\n      the values.\n      *\n      * @returns A validator function that returns an error map with the\n      * `pattern`\n      property if the validation check fails, otherwise `null`.\n      *\n      * @see `updateValueAndValidity()`\n      *\n      *\n      *\n      Validators.pattern = function (pattern) {\n      if (!pattern)\n      return\n      Validators.nullValidator;\n      var regex;\n      var regexStr;\n      if (typeof pattern === 'string') {\n      regexStr = ";\n      if (pattern.charAt(0) !== '^')\n      regexStr += '^';\n      regexStr +=\n      pattern;\n      if (pattern.charAt(pattern.length - 1) !== '$')\n      regexStr += '$';\n      regex =\n      new RegExp(regexStr);\n      } else {\n      regexStr = pattern.toString();\n      regex =\n      pattern;\n      }\n      return function (control) {\n      if (isEmptyInputValue(control.value)) {\n      return null; // don't validate empty values to allow optional controls\n      }\n      var value =\n      control.value;\n      return regex.test(value) ? null :\n      {\n      'pattern': {\n      'requiredPattern': regexStr,\n      'actualValue': value } };\n      };\n      };\n      /**\n      *\n      * @description\n      * Validator that performs no\n      operation.\n      *\n      * @see `updateValueAndValidity()`\n      *\n      *\n      *\n      Validators.nullValidator =\n      function (control) {\n      return null;\n      };\n      Validators.compose = function (validators) {\n      if (!validators)\n      return null;\n      var presentValidators = validators.filter(isPresent);\n      if (presentValidators.length ===\n      0)\n      return null;\n      return function (control) {\n      return\n      _mergeErrors(_executeValidators(control, presentValidators));\n      };\n      };\n      /**\n      *\n      * @description\n      * Compose multiple async validators into a single function that returns the union\n      * of\n      the individual error objects for the provided control.\n      *\n      * @returns A validator function that returns an\n      error map with the\n      * merged error objects of the async validators if the validation check fails, otherwise\n      `null`.\n      *\n      * @see `updateValueAndValidity()`\n      *\n      *\n      *\n      Validators.composeAsync =\n      function (validators) {\n      if (!validators)\n      return null;\n      var presentValidators =\n      validators.filter(isPresent);\n      if (presentValidators.length === 0)\n      return null;\n      return

```

```

function (control) {\n      var observables = _executeAsyncValidators(control,\n
presentValidators).map(toObservable);\n      return\n
rxjs.forkJoin(observables).pipe(operators.map(_mergeErrors));\n    };\n  };\n  return Validators;\n
}());\n  function isPresent(o) {\n    return o != null;\n  }\n  function toObservable(r) {\n    var obs =\n
core.isPromise(r) ? rxjs.from(r) : r;\n    if (!(core.isObservable(obs))) {\n      throw new Error("\Expected\n
validator to return Promise or Observable.");\n    }\n    return obs;\n  }\n  function\n
_executeValidators(control, validators) {\n    return validators.map(function (v) { return v(control); });\n  }\n
function _executeAsyncValidators(control, validators) {\n    return validators.map(function (v) { return\n
v(control); });\n  }\n  function _mergeErrors(arrayOfErrors) {\n    var res = {};\n    // Not using Array.reduce\n
here due to a Chrome 80 bug\n    // https://bugs.chromium.org/p/chromium/issues/detail?id=1049982\n
arrayOfErrors.forEach(function (errors) {\n      res = errors != null ? __assign(__assign({}, res), errors) : res;\n
    });\n    return Object.keys(res).length === 0 ? null : res;\n  }\n\n  /**\n   * @license\n   * Copyright Google\n
Inc. All Rights Reserved.\n   * Use of this source code is governed by an MIT-style license that can be\n   *\n
found in the LICENSE file at https://angular.io/license\n   */\n  function normalizeValidator(validator) {\n    if\n
(validator.validate) {\n      return function (c) { return validator.validate(c); };\n    } else {\n      return\n
validator;\n    }\n  }\n  function normalizeAsyncValidator(validator) {\n    if (validator.validate) {\n      return\n
function (c) { return validator.validate(c); };\n    } else {\n      return validator;\n    }\n  }\n\n  /**\n   * @license\n   * Copyright Google Inc. All Rights Reserved.\n   * Use of this source code is\n
governed by an MIT-style license that can be\n   * found in the LICENSE file at https://angular.io/license\n   */\n
var NUMBER_VALUE_ACCESSOR = {\n    provide: NG_VALUE_ACCESSOR,\n    useExisting:\n
core.forwardRef(function () { return NumberValueAccessor; }),\n    multi: true\n  };\n\n  /**\n   * @description\n   * The `ControlValueAccessor` for writing a number value and listening to number input\n
changes.\n   * The value accessor is used by the `FormControlDirective`, `FormControlName`, and `NgModel`\n
directives.\n   * @usageNotes\n   * ### Using a number input with a reactive form.\n   * The following example shows how to use a number input with a reactive form.\n   * ``ts\n   * const\n
totalCountControl = new FormControl();\n   * ``\n   * ``\n   * <input type="number"\n
[formControl]="totalCountControl">\n   * ``\n   * @ngModule ReactiveFormsModule\n   * @ngModule\n
FormsModule\n   * @publicApi\n   */\n  var NumberValueAccessor = /** @class */ (function () {\n
function NumberValueAccessor(_renderer, _elementRef) {\n      this._renderer = _renderer;\n
this._elementRef = _elementRef;\n      /**\n       * @description\n       * The registered callback function\n
called when a change or input event occurs on the input\n       * element.\n       */\n      this.onChange =\n
function (_) { };\n      /**\n       * @description\n       * The registered callback function called when a\n
blur event occurs on the input element.\n       */\n      this.onTouched = function () { };\n      /**\n       *\n
Sets the "value" property on the input element.\n       */\n      @param value The checked value\n       */\n
      NumberValueAccessor.prototype.writeValue = function (value) {\n          // The value needs to be normalized for\n
IE9, otherwise it is set to 'null' when null\n          var normalizedValue = value == null ? " " : value;\n
this._renderer.setProperty(this._elementRef.nativeElement, 'value', normalizedValue);\n      };\n      /**\n       *\n
Registers a function called when the control value changes.\n       */\n      @param fn The\n
callback function\n       */\n      NumberValueAccessor.prototype.registerOnChange = function (fn) {\n
this.onChange = function (value) { fn(value == " " ? null : parseFloat(value)); };\n      };\n      /**\n       *\n
Registers a function called when the control is touched.\n       */\n      @param fn The\n
callback function\n       */\n      NumberValueAccessor.prototype.registerOnTouched = function (fn) {\n
this.onTouched = fn; };\n      /**\n       * Sets the "disabled" property on the input element.\n       */\n      *\n
@param isDisabled The disabled value\n       */\n      NumberValueAccessor.prototype.setDisabledState =\n
function (isDisabled) {\n          this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n
      };\n      NumberValueAccessor = __decorate([\n          core.Directive({\n              selector:\n
'input[type=number][formControlName],input[type=number][formControl],input[type=number][ngModel]',\n
              host: {\n                  '(change)': 'onChange($event.target.value)',\n                  '(input)':

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'onChange($event.target.value)',\n          '(blur)': 'onTouched()\n          },\n          providers:\n    [NUMBER_VALUE_ACCESSOR]\n    },\n    __metadata({"design:paramtypes": [core.Renderer2,\n    core.ElementRef])\n    ], NumberValueAccessor);\n    return NumberValueAccessor;\n  }());\n  /**\n   * @license\n   * Copyright Google Inc. All Rights Reserved.\n   * Use of this source code is governed by an\n   * MIT-style license that can be\n   * found in the LICENSE file at https://angular.io/license\n   */\n  var\n  RADIO_VALUE_ACCESSOR = {\n    provide: NG_VALUE_ACCESSOR,\n    useExisting:\n    core.forwardRef(function () { return RadioControlValueAccessor; })),\n    multi: true\n  }; \n  /**\n   * @description\n   * Class used by Angular to track radio buttons. For internal use only.\n   */\n  var\n  RadioControlRegistry = /** @class */ (function () {\n    function RadioControlRegistry() {\n      this._accessors = [];\n    }\n    /**\n     * @description\n     * Adds a control to the internal registry. For\n     * internal use only.\n     */\n    RadioControlRegistry.prototype.add = function (control, accessor) {\n      this._accessors.push([control, accessor]);\n    }; \n    /**\n     * @description\n     * Removes a control from\n     * the internal registry. For internal use only.\n     */\n    RadioControlRegistry.prototype.remove = function\n    (accessor) {\n      for (var i = this._accessors.length - 1; i >= 0; --i) {\n        if (this._accessors[i][1] ===\n        accessor) {\n          this._accessors.splice(i, 1);\n          return;\n        }\n      }\n    }; \n    /**\n     * @description\n     * Selects a radio button. For internal use only.\n     */\n    RadioControlRegistry.prototype.select = function (accessor) {\n      var _this = this;\n      this._accessors.forEach(function (c) {\n        if (_this._isSameGroup(c, accessor) && c[1] !== accessor) {\n          c[1].fireUncheck(accessor.value);\n        }\n      });\n    }; \n    RadioControlRegistry.prototype._isSameGroup = function (controlPair, accessor) {\n      if\n      (!controlPair[0].control)\n        return false;\n      return controlPair[0]._parent ===\n      accessor._control._parent &&\n      controlPair[1].name === accessor.name;\n    }; \n    RadioControlRegistry = __decorate([\n      core.Injectable()\n    ], RadioControlRegistry);\n    return\n    RadioControlRegistry;\n  }());\n  /**\n   * @description\n   * The `ControlValueAccessor` for writing radio\n   * control values and listening to radio control\n   * changes. The value accessor is used by the\n   * `FormControlDirective`, `FormControlName`, and\n   * `NgModel` directives.\n   */\n  /**\n   * @usageNotes\n   */\n  /**\n   * ### Using radio buttons with reactive form directives\n   */\n  /**\n   * The follow example shows how to use radio\n   * buttons in a reactive form. When using radio buttons in\n   * a reactive form, radio buttons in the same group\n   * should have the same `formControlName`.\n   * Providing a `name` attribute is optional.\n   */\n  /**\n   * @example\n   * forms/ts/reactiveRadioButtons/reactive_radio_button_example.ts\n   * region='Reactive'\n   */\n  /**\n   * @ngModule\n   * ReactiveFormsModule\n   */\n  /**\n   * @ngModule\n   * FormsModule\n   */\n  /**\n   * @publicApi\n   */\n  var\n  RadioControlValueAccessor = /** @class */ (function () {\n    function RadioControlValueAccessor(_renderer,\n    _elementRef, _registry, _injector) {\n      this._renderer = _renderer;\n      this._elementRef = _elementRef;\n      this._registry = _registry;\n      this._injector = _injector;\n    }\n    /**\n     * @description\n     * The registered callback function called when a change event occurs on the input element.\n     */\n    this.onChange = function () { }; \n    /**\n     * @description\n     * The registered callback function\n     * called when a blur event occurs on the input element.\n     */\n    this.onTouched = function () { }; \n    /**\n     * @description\n     * A lifecycle method called when the directive is initialized. For internal\n     * use only.\n     */\n    RadioControlValueAccessor.prototype.ngOnInit = function () {\n      this._control =\n      this._injector.get(NgControl);\n      this._checkName();\n      this._registry.add(this._control, this);\n    }; \n    /**\n     * @description\n     * Lifecycle method called before the directive's instance is destroyed. For\n     * internal use only.\n     */\n    RadioControlValueAccessor.prototype.ngOnDestroy = function () {\n      this._registry.remove(this); \n    }; \n    /**\n     * @description\n     * Sets the `"checked"` property value on the\n     * radio input element.\n     */\n    /**\n     * @param\n     * value The checked value\n     */\n    RadioControlValueAccessor.prototype.writeValue = function (value) {\n      this._state = value === this.value;\n      this._renderer.setProperty(this._elementRef.nativeElement, 'checked', this._state);\n    }; \n    /**\n     * @description\n     * Registers a function called when the control value changes.\n     */\n    /**\n     * @param\n     * fn The\n     * callback function\n     */\n    RadioControlValueAccessor.prototype.registerOnChange = function (fn) {\n

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var _this = this;\n      this._fn = fn;\n      this.onChange = function () {\n          fn(_this.value);\n      }\n      _this._registry.select(_this);\n      }\n      }\n      /**\n       * Sets the \"value\" on the radio input element and\n       * unchecks it.\n       * @param value\n       */\n      RadioControlValueAccessor.prototype.fireUncheck =\n      function (value) { this.writeValue(value); }\n      /**\n       * @description\n       * Registers a function called\n       * when the control is touched.\n       * @param fn The callback function\n       */\n      RadioControlValueAccessor.prototype.registerOnTouched = function (fn) { this.onTouched = fn; }\n      /**\n       * Sets the \"disabled\" property on the input element.\n       * @param isDisabled The disabled value\n       */\n      RadioControlValueAccessor.prototype.setDisabledState = function (isDisabled) {\n      this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n      }\n      RadioControlValueAccessor.prototype._checkName = function () {\n      if (this.name &&\n      this.formControlName && this.name !== this.formControlName) {\n          this._throwNameError();\n      }\n      if (!this.name && this.formControlName)\n          this.name = this.formControlName;\n      }\n      RadioControlValueAccessor.prototype._throwNameError = function () {\n      throw new Error(\"\\n If you\n      define both a name and a formControlName attribute on your radio button, their values\n      must match. Ex: <input\n      type=\\\"radio\\\" formControlName=\\\"food\\\" name=\\\"food\\\">\\n \");\n      }\n      __decorate([\n      core.Input(),\n      __metadata(\"design:type\", String)\n      ], RadioControlValueAccessor.prototype, \"name\",\n      void 0);\n      __decorate([\n      core.Input(),\n      __metadata(\"design:type\", String)\n      ],\n      RadioControlValueAccessor.prototype, \"formControlName\", void 0);\n      __decorate([\n      core.Input(),\n      __metadata(\"design:type\", Object)\n      ], RadioControlValueAccessor.prototype, \"value\", void 0);\n      RadioControlValueAccessor = __decorate([\n      core.Directive({\n      selector:\n      'input[type=radio][formControlName],input[type=radio][formControl],input[type=radio][ngModel]',\n      host: { '(change)': 'onChange()', '(blur)': 'onTouched()' },\n      providers: [RADIO_VALUE_ACCESSOR]\n      }),\n      __metadata(\"design:paramtypes\", [core.Renderer2, core.ElementRef,\n      RadioControlRegistry, core.Injector])\n      ], RadioControlValueAccessor);\n      return\n      RadioControlValueAccessor;\n      }());\n      /**\n       * @license\n       * Copyright Google Inc. All Rights\n       * Reserved.\n       * Use of this source code is governed by an MIT-style license that can be\n       * found in the\n       * LICENSE file at https://angular.io/license\n       */\n      var RANGE_VALUE_ACCESSOR = {\n      provide:\n      NG_VALUE_ACCESSOR,\n      useExisting: core.forwardRef(function () { return RangeValueAccessor; }),\n      multi: true\n      };\n      /**\n       * @description\n       * The `ControlValueAccessor` for writing a range value and\n       * listening to range input changes.\n       * The value accessor is used by the `FormControlDirective`,\n       * `FormControlName`, and `NgModel`\n       * directives.\n       * @usageNotes\n       * ### Using a range\n       * input with a reactive form\n       * The following example shows how to use a range input with a reactive\n       * form.\n       * ```ts\n       * const ageControl = new FormControl();\n       * ```\n       * ```\n       * <input\n       * type=\"range\" [formControl]=\"ageControl\">\n       * ```\n       * @ngModule ReactiveFormsModule\n       * @ngModule FormsModule\n       * @publicApi\n       */\n      var RangeValueAccessor = /** @class */ (function () {\n      function RangeValueAccessor(_renderer, _elementRef) {\n      this._renderer = _renderer;\n      this._elementRef = _elementRef;\n      /**\n       * @description\n       * The registered callback function\n       * called when a change or input event occurs on the input\n       * element.\n       */\n      this.onChange =\n      function (_) { }\n      /**\n       * @description\n       * The registered callback function called when a\n       * blur event occurs on the input element.\n       */\n      this.onTouched = function () { }\n      }\n      /**\n       * Sets the \"value\" property on the input element.\n       * @param value The checked value\n       */\n      RangeValueAccessor.prototype.writeValue = function (value) {\n      this._renderer.setProperty(this._elementRef.nativeElement, 'value', parseFloat(value));\n      }\n      /**\n       * @description\n       * Registers a function called when the control value changes.\n       * @param fn The\n       * callback function\n       */\n      RangeValueAccessor.prototype.registerOnChange = function (fn) {\n      this.onChange = function (value) { fn(value == \" ? null : parseFloat(value)); }\n      }\n      /**\n       * @description\n       * Registers a function called when the control is touched.\n       * @param fn The\n       * callback function\n       */\n      RangeValueAccessor.prototype.registerOnTouched = function (fn) {

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this.onTouched = fn; }; \n      /** \n      * Sets the "disabled" property on the range input element. \n      * \n      * @param isDisabled The disabled value \n      * \n      * RangeValueAccessor.prototype.setDisabledState =
function (isDisabled) { \n      this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled); \n      }; \n      RangeValueAccessor = __decorate([\n      core.Directive({ \n      selector:
'input[type=range][formControlName],input[type=range][formControl],input[type=range][ngModel]', \n
host: { \n      '(change)': 'onChange($event.target.value)', \n      '(input)':
'onChange($event.target.value)', \n      '(blur)': 'onTouched()' \n      }, \n      providers:
[RANGE_VALUE_ACCESSOR] \n      }], \n      __metadata({"design:paramtypes": [core.Renderer2,
core.ElementRef]}), \n      RangeValueAccessor); \n      return RangeValueAccessor; \n      }); \n      /** \n      *
@license \n      * Copyright Google Inc. All Rights Reserved. \n      * \n      * Use of this source code is governed by an
MIT-style license that can be \n      * found in the LICENSE file at https://angular.io/license \n      * \n      var
FormErrorExamples = { \n      formControlName: ` \n      <div [formGroup]=`myGroup`> \n      <input
formControlName=`firstName`> \n      </div> \n      \n      In your class: \n      \n      this.myGroup = new FormGroup({ \n
firstName: new FormControl() \n      }); \n      \n      formGroupName: ` \n      <div [formGroup]=`myGroup`> \n
<div formGroupName=`person`> \n      <input formControlName=`firstName`> \n      </div> \n
</div> \n      \n      In your class: \n      \n      this.myGroup = new FormGroup({ \n      person: new FormGroup({
firstName:
new FormControl() \n      }) \n      }); \n      \n      formArrayName: ` \n      <div [formGroup]=`myGroup`> \n
<div
formArrayName=`cities`> \n      <div *ngFor=`let city of cityArray.controls; index as i`> \n      <input
[formControlName]=`i`> \n      </div> \n      </div> \n      </div> \n      \n      In your class: \n      \n      this.cityArray =
new FormArray([new FormControl('SF')]); \n      this.myGroup = new FormGroup({ \n      cities: this.cityArray \n
}); \n      \n      ngModelGroup: ` \n      <form> \n      <div ngModelGroup=`person`> \n      <input
[(ngModel)]=`person.name` name=`firstName`> \n      </div> \n      </form> \n      \n      ngModelWithFormGroup: ` \n
<div [formGroup]=`myGroup`> \n      <input
formControlName=`firstName`> \n      <input [(ngModel)]=`showMoreControls`
[ngModelOptions]=`{standalone: true}`> \n      </div> \n      \n      `; \n      \n      /** \n      * @license \n      * Copyright
Google Inc. All Rights Reserved. \n      * \n      * Use of this source code is governed by an MIT-style license that can
be \n      * found in the LICENSE file at https://angular.io/license \n      * \n      var ReactiveErrors = /** @class */
(function () { \n      function ReactiveErrors() { \n      } \n      ReactiveErrors.controlParentException = function ()
{ \n      throw new Error(`formControlName must be used with a parent formGroup directive. You'll want to
add a formGroup \n      directive and pass it an existing FormGroup instance (you can create one in your
class). \n      \n      Example: \n      \n      ` + FormErrorExamples.formControlName); \n      }; \n
ReactiveErrors.ngModelGroupException = function () { \n      throw new Error(`formControlName cannot be
used with an ngModelGroup parent. It is only compatible with parents \n      that also have a `form` prefix:
formGroupName, formArrayName, or FormGroup. \n      \n      Option 1: Update the parent to be formGroupName
(reactive form strategy) \n      \n      ` + FormErrorExamples.formGroupName + ` \n      \n      Option 2: Use ngModel
instead of formControlName (template-driven strategy) \n      \n      ` + FormErrorExamples.ngModelGroup); \n
}; \n      ReactiveErrors.missingFormException = function () { \n      throw new Error(`FormGroup expects a
FormGroup instance. Please pass one in. \n      \n      Example: \n      \n      ` +
FormErrorExamples.formControlName); \n      }; \n      ReactiveErrors.groupParentException = function () { \n
throw new Error(`FormGroupName must be used with a parent FormGroup directive. You'll want to add a
formGroup \n      directive and pass it an existing FormGroup instance (you can create one in your class). \n      \n
Example: \n      \n      ` + FormErrorExamples.formGroupName); \n      }; \n      ReactiveErrors.arrayParentException
= function () { \n      throw new Error(`formArrayName must be used with a parent FormGroup directive. You'll
want to add a formGroup \n      directive and pass it an existing FormGroup instance (you can create one in your
class). \n      \n      Example: \n      \n      ` + FormErrorExamples.formArrayName); \n      }; \n
ReactiveErrors.disabledAttrWarning = function () { \n      console.warn(` \n      It looks like you're using the
disabled attribute with a reactive form directive. If you set disabled to true \n      when you set up this control in your
component class, the disabled attribute will actually be set in the DOM for \n      you. We recommend using this

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approach to avoid 'changed after checked' errors.

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Example:
form = new FormGroup({
  first: new FormControl({value: 'Nancy', disabled: true}, Validators.required),
  last: new FormControl('Drew', Validators.required)
});
ReactiveErrors.ngModelWarning = function (directiveName) {
  console.warn("\n It looks like you're using ngModel on the same form field as '" + directiveName + '".
  Support for using the ngModel input property and ngModelChange event with reactive form directives has
  been deprecated in Angular v6 and will be removed in Angular v7.
  For more information on this, see our API docs here: https://angular.io/api/forms/^ + (directiveName === 'formControl' ?
  'FormControlDirective' : 'FormControlName') + '\n#use-with-ngmodel\n ');
  return ReactiveErrors;
}();
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at
  https://angular.io/license
 */
var SELECT_VALUE_ACCESSOR = {
  provide: NG_VALUE_ACCESSOR,
  useExisting: core.forwardRef(function () { return SelectControlValueAccessor;
}),
  multi: true
};
function _buildValueString(id, value) {
  if (id == null) return '\"' + value;
  if (value && typeof value === 'object') value = 'Object';
  return (id + ': ' + value).slice(0, 50);
}
function _extractId(valueString) {
  return valueString.split(':')[0];
}
/**
 * @description
 * The `ControlValueAccessor` for writing select control values and listening to select control
 * changes. The value accessor is used by the `FormControlDirective`, `FormControlName`, and `NgModel`
 * directives.
 * @usageNotes
 * ### Using select controls in a reactive form
 * The following examples show how to use a select control in a reactive form.
 * @example
  forms/ts/reactiveSelectControl/reactive_select_control_example.ts
  region='Component'
 * ### Using select controls in a template-driven form
 * To use a select in a template-driven form, simply add an
 * `ngModel` and a `name` attribute to the main `<select>` tag.
 * @example
  forms/ts/selectControl/select_control_example.ts
  region='Component'
 * ### Customizing option selection
 * Angular uses object identity to select option. It's possible for the identities of items to
 * change while the data does not. This can happen, for example, if the items are produced from an RPC to the
 * server, and that RPC is re-run. Even if the data hasn't changed, the second response will produce objects with
 * different identities.
 * To customize the default option comparison algorithm, `<select>` supports `compareWith` input.
 * `compareWith` takes a **function** which has two arguments: `option1` and `option2`.
 * If `compareWith` is given, Angular selects option by the return value of the function.
 * ts
 * const selectedCountriesControl = new FormControl();
 * <select [compareWith]=\"compareFn\" [formControl]=\"selectedCountriesControl\">
 * <option *ngFor=\"let country of countries\" [ngValue]=\"country\"> {{country.name}} </option> </select>
 * compareFn(c1: Country, c2: Country): boolean {
 *   return c1 && c2 ? c1.id === c2.id : c1 === c2;
 * }
 * Note: We listen to the 'change' event because 'input' events aren't fired for
 * selects in Firefox and IE: https://bugzilla.mozilla.org/show_bug.cgi?id=1024350
 * https://developer.microsoft.com/en-us/microsoft-edge/platform/issues/4660045/
 * @ngModule
  ReactiveFormsModule
 * @ngModule FormsModule
 * @publicApi
 */
var SelectControlValueAccessor = /** @class */ (function () {
  function SelectControlValueAccessor(_renderer, _elementRef) {
    this._renderer = _renderer;
    this._elementRef = _elementRef;
    /** @internal */
    this._optionMap = new Map();
    /** @internal */
    this._idCounter = 0;
    /**
     * @description
     * The registered callback function called when a change event occurs on the
     * input element.
     */
    this.onChange = function (_) { };
    /**
     * @description
     * The registered callback function called when a blur event occurs on the input element.
     */
    this.onTouched = function () { };
    this._compareWith = core.looseIdentical;
  }
  Object.defineProperty(SelectControlValueAccessor.prototype, 'compareWith', {
    /**
     * @description
     * Tracks the option comparison algorithm for tracking identities when checking
     * for changes.
     */
    set: function (fn) {
      if (typeof fn !== 'function') {
        throw new Error(\"compareWith must be a function, but received '\" + JSON.stringify(fn));
      }
    }
  });
}());

```

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this._compareWith = fn;
},
enumerable: true,
configurable: true
});
/**
 * Sets the "value" property on the input element. The "selectedIndex"
 * property is also set if an ID is
 provided on the option element.
 * @param value The checked value
 */
SelectControlValueAccessor.prototype.writeValue = function (value) {
  this.value = value;
  var id =
this._getOptionId(value);
  if (id == null) {
this._renderer.setProperty(this._elementRef.nativeElement, 'selectedIndex', -1);
}
var valueString =
_buildValueString(id, value);
this._renderer.setProperty(this._elementRef.nativeElement, 'value',
valueString);
};
/**
 * @description
 * Registers a function called when the control value
 changes.
 * @param fn The callback function
 */
SelectControlValueAccessor.prototype.registerOnChange = function (fn) {
  var _this = this;
this.onChange = function (valueString) {
  _this.value = _this._getOptionValue(valueString);
fn(_this.value);
};
};
/**
 * @description
 * Registers a function called when the
 control is touched.
 * @param fn The callback function
 */
SelectControlValueAccessor.prototype.registerOnTouched = function (fn) {
  this.onTouched = fn;
};
/**
 * Sets the "disabled" property on the select input element.
 * @param isDisabled The disabled
 value
 */
SelectControlValueAccessor.prototype.setDisabledState = function (isDisabled) {
this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);
};
/** @internal */
SelectControlValueAccessor.prototype._registerOption = function () {
  return (this._idCounter++).toString();
};
/** @internal */
SelectControlValueAccessor.prototype._getOptionId = function (value) {
  var
e_1, _a;
  try {
    for (var _b = __values(Array.from(this._optionMap.keys())), _c = _b.next();
!_c.done; _c = _b.next()) {
      var id = _c.value;
      if
(this._compareWith(this._optionMap.get(id), value))
return id;
}
}
catch (e_1_1) { e_1 = { error: e_1_1 }; }
finally {
  try {
    if (_c && !_c.done &&
(_a = _b.return)) _a.call(_b);
}
finally { if (e_1) throw e_1.error; }
}
return
null;
};
/** @internal */
SelectControlValueAccessor.prototype._getOptionValue = function
(valueString) {
  var id = _extractId(valueString);
  return this._optionMap.has(id) ?
this._optionMap.get(id) : valueString;
};
__decorate([
  core.Input(),
  __metadata("design:type", Function),
  __metadata("design:paramtypes", [Function])
],
SelectControlValueAccessor.prototype, "compareWith", null);
SelectControlValueAccessor =
__decorate([
  core.Directive({
    selector:
'select:not([multiple])[formControlName],select:not([multiple])[formControl],select:not([multiple])[ngModel]',
    host: { '(change)': 'onChange($event.target.value)', '(blur)': 'onTouched()' },
    providers:
[SELECT_VALUE_ACCESSOR]
}),
  __metadata("design:paramtypes", [core.Renderer2,
core.ElementRef])
],
SelectControlValueAccessor);
return SelectControlValueAccessor;
})();
/**
 * @description
 * Marks <option> as dynamic, so Angular can be notified when options change.
 * @see `SelectControlValueAccessor`
 * @ngModule ReactiveFormsModule
 * @ngModule
FormsModule
 * @publicApi
 */
var NgSelectOption = /** @class */ (function () {
  function
NgSelectOption(_element, _renderer, _select) {
    this._element = _element;
    this._renderer =
_renderer;
    this._select = _select;
    if (this._select)
this.id =
this._select._registerOption();
}
Object.defineProperty(NgSelectOption.prototype, "ngValue", {
/**
 * @description
 * Tracks the value bound to the option element. Unlike the value binding,
 * ngValue supports binding to objects.
 * @param value
 */
set: function (value) {
  if (this._select
== null)
return;
this._select._optionMap.set(this.id, value);
},
enumerable: true,
configurable: true
});
Object.defineProperty(NgSelectOption.prototype, "value", {
/**
 * @description
 * Tracks simple string values bound to the option element.
 * For objects, use the `ngValue` input binding.
 * @param value
 */
set: function (value) {
  this._setElementValue(value);
  if (this._select)

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    this._select.writeValue(this._select.value);\n        },\n        enumerable: true,\n        configurable: true\n    });\n    /** @internal */\n    NgSelectOption.prototype._setElementValue = function (value) {\nthis._renderer.setProperty(this._element.nativeElement, 'value', value);\n    };\n    /**\n     * @description\n     * Lifecycle method called before the directive's instance is destroyed. For internal use only.\n     */\n    NgSelectOption.prototype.ngOnDestroy = function () {\n        if (this._select) {\nthis._select._optionMap.delete(this.id);\n            this._select.writeValue(this._select.value);\n        }\n    };\n    __decorate([\n        core.Input('ngValue'),\n        __metadata({"design:type": Object}),\n        __metadata({"design:paramtypes": [Object]})\n    ], NgSelectOption.prototype, 'ngValue', null);\n    __decorate([\n        core.Input('value'),\n        __metadata({"design:type": Object}),\n        __metadata({"design:paramtypes": [Object]})\n    ], NgSelectOption.prototype, 'value', null);\n    NgSelectOption = __decorate([\n        core.Directive({ selector: 'option' }),\n        __param(2, core.Optional()),\n        __param(2, core.Host()),\n        __metadata({"design:paramtypes": [core.ElementRef, core.Renderer2, \nSelectControlValueAccessor]})\n    ], NgSelectOption);\n    return NgSelectOption;\n    }());\n    /**\n     * @license\n     * Copyright Google Inc. All Rights Reserved.\n     * Use of this source code is governed by an MIT-style license that can be\n     * found in the LICENSE file at https://angular.io/license\n     */\n    var\n    SELECT_MULTIPLE_VALUE_ACCESSOR = {\n        provide: NG_VALUE_ACCESSOR,\n        useExisting:\n        core.forwardRef(function () { return SelectMultipleControlValueAccessor; }),\n        multi: true\n    };\n    function\n    _buildValueString$(id, value) {\n        if (id == null)\n            return "" + value;\n        if (typeof value ===\n        'string')\n            value = "" + value + "";\n        if (value && typeof value === 'object')\n            value =\n        'Object';\n        return (id + ": " + value).slice(0, 50);\n    }\n    function _extractId$(valueString) {\n        return\n        valueString.split(':')[0];\n    }\n    /** Mock interface for HTMLCollection */\n    var HTMLCollection = /** @class\n     */ (function () {\n        function HTMLCollection() {\n        }\n        return HTMLCollection;\n    }());\n    /**\n     * @description\n     * The `ControlValueAccessor` for writing multi-select control values and listening to multi-select\n     * control\n     * changes. The value accessor is used by the `FormControlDirective`, `FormControlName`, and\n     * `NgModel`\n     * directives.\n     * @see `SelectControlValueAccessor`\n     * @usageNotes\n     * ### Using a multi-select control\n     * The follow example shows you how to use a multi-select control\n     * with a reactive form.\n     * ```ts\n     * const countryControl = new FormControl();\n     * ```\n     * ```\n     * <select multiple name="countries" [formControl]="countryControl">\n     *   <option *ngFor="let country of\n     * countries" [ngValue]="country">\n     *     {{ country.name }}\n     *   </option>\n     * </select>\n     * ```\n     * ### Customizing option selection\n     * To customize the default option comparison algorithm, `<select>`\n     * supports `compareWith` input.\n     * See the `SelectControlValueAccessor` for usage.\n     * @ngModule\n     * ReactiveFormsModule\n     * @ngModule\n     * FormsModule\n     * @publicApi\n     */\n    var\n    SelectMultipleControlValueAccessor = /** @class */ (function () {\n        function\n        SelectMultipleControlValueAccessor(_renderer, _elementRef) {\n            this._renderer = _renderer;\n            this._elementRef = _elementRef;\n            /** @internal */\n            this._optionMap = new Map();\n            /**\n             * @description\n             * The registered callback\n             * function called when a change event occurs on the input element.\n             */\n            this.onChange = function (_\n            { });\n            /**\n             * @description\n             * The registered callback function called when a blur event\n             * occurs on the input element.\n             */\n            this.onTouched = function () { };\n            this._compareWith =\n            core.looseIdentical;\n        }\n        Object.defineProperty(SelectMultipleControlValueAccessor.prototype,\n        "compareWith", {\n            /**\n             * @description\n             * Tracks the option comparison algorithm for\n             * tracking identities when\n             * checking for changes.\n             */\n            set: function (fn) {\n                if\n                (typeof fn !== 'function') {\n                    throw new Error("compareWith must be a function, but received '" +\n                    JSON.stringify(fn));\n                }\n                this._compareWith = fn;\n            },\n            enumerable: true,\n            configurable: true\n        });\n        /**\n         * @description\n         * Sets the "value" property on one or of more\n         * of the select's options.\n         */\n        /** @param value The value\n         */\n        SelectMultipleControlValueAccessor.prototype.writeValue = function (value) {\n            var _this = this;\n            this.value = value;\n            var optionSelectedStateSetter;\n            if (Array.isArray(value)) {\n                // convert

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values to ids\n      var ids_1 = value.map(function (v) { return _this._getOptionId(v); });\n
optionSelectedStateSetter = function (opt, o) { opt._setSelected(ids_1.indexOf(o.toString()) > -1); }; \n      }\n
  else {\n      optionSelectedStateSetter = function (opt, o) { opt._setSelected(false); }; \n      }\n
this._optionMap.forEach(optionSelectedStateSetter);\n      }; \n      /**\n      * @description\n      * Registers a function called when the control value changes\n      * and writes an array of the selected options.\n      * \n      * @param fn The callback function\n      * \n      * SelectMultipleControlValueAccessor.prototype.registerOnChange = function (fn) {\n      var _this = this;\n      this.onChange = function (_) {\n      var selected = [];\n      if (_.hasOwnProperty('selectedOptions')) {\n      var options = _selectedOptions;\n      for (var i = 0; i < options.length; i++) {\n      var opt = options.item(i);\n      var val = _this._getOptionValue(opt.value);\n      selected.push(val);\n      }\n      }\n      // Degrade on IE\n      else {\n      var options = _options;\n      for (var i = 0; i < options.length; i++) {\n      var opt = options.item(i);\n      if (opt.selected) {\n      var val = _this._getOptionValue(opt.value);\n      selected.push(val);\n      }\n      }\n      }\n      _this.value = selected;\n      fn(selected);\n      }; \n      }; \n      /**\n      * @description\n      * Registers a function called when the control is touched.\n      * \n      * @param fn The callback function\n      * \n      * SelectMultipleControlValueAccessor.prototype.registerOnTouched = function (fn) {\n      this.onTouched = fn; \n      /**\n      * Sets the \"disabled\" property on the select input element.\n      * \n      * @param isDisabled The disabled value\n      * \n      * SelectMultipleControlValueAccessor.prototype.setDisabledState = function (isDisabled) {\n      this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n      }; \n      /** @internal */\n      SelectMultipleControlValueAccessor.prototype._registerOption = function (value) {\n      var id = (this._idCounter++).toString();\n      this._optionMap.set(id, value);\n      return id;\n      }; \n      /** @internal */\n      SelectMultipleControlValueAccessor.prototype._getOptionId = function (value) {\n      var e_1, _a;\n      try {\n      for (var _b = __values(Array.from(this._optionMap.keys())), _c = _b.next(); !_c.done; _c = _b.next()) {\n      var id = _c.value;\n      if (this._compareWith(this._optionMap.get(id)._value, value))\n      return id;\n      }\n      }\n      catch (e_1_1) { e_1 = { error: e_1_1 }; }\n      finally {\n      try {\n      if (_c && !_c.done && (_a = _b.return)) _a.call(_b);\n      }\n      finally { if (e_1) throw e_1.error; }\n      }\n      return null;\n      }; \n      /** @internal */\n      SelectMultipleControlValueAccessor.prototype._getOptionValue = function (valueString) {\n      var id = _extractId$1(valueString);\n      return this._optionMap.has(id) ? this._optionMap.get(id)._value : valueString;\n      }; \n      __decorate([\n      core.Input(),\n      __metadata(\"design:type\", Function),\n      __metadata(\"design:paramtypes\", [Function])\n      ],\n      SelectMultipleControlValueAccessor.prototype, \"compareWith\", null);\n      SelectMultipleControlValueAccessor = __decorate([\n      core.Directive({\n      selector: 'select[multiple][formControlName],select[multiple][formControl],select[multiple][ngModel]',\n      host: {\n      '(change)': 'onChange($event.target)', '(blur)': 'onTouched()' },\n      providers: [SELECT_MULTIPLE_VALUE_ACCESSOR] },\n      __metadata(\"design:paramtypes\", [core.Renderer2, core.ElementRef])\n      ],\n      SelectMultipleControlValueAccessor);\n      return SelectMultipleControlValueAccessor;\n      }());\n      /**\n      * @description\n      * Marks `<option>` as dynamic, so Angular can be notified when options change.\n      * \n      * @see `SelectMultipleControlValueAccessor`\n      * \n      * @ngModule ReactiveFormsModule\n      * @ngModule FormsModule\n      * @publicApi\n      * \n      * var NgSelectMultipleOption = /** @class */ (function () {\n      function NgSelectMultipleOption(_element, _renderer, _select) {\n      this._element = _element;\n      this._renderer = _renderer;\n      this._select = _select;\n      if (this._select) {\n      this.id = this._select._registerOption(this);\n      }\n      }\n      Object.defineProperty(NgSelectMultipleOption.prototype, \"ngValue\", {\n      /**\n      * @description\n      * Tracks the value bound to the option element. Unlike the value binding,\n      * ngValue supports binding to objects.\n      * \n      * \n      * set: function (value) {\n      if (this._select == null)\n      return;\n      this._value = value;\n      this._setElementValue(_buildValueString$1(this.id, value));\n      }

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this._select.writeValue(this._select.value);\n        },\n        enumerable: true,\n        configurable: true\n    });\n    Object.defineProperty(NgSelectMultipleOption.prototype, \"value\", {\n        /**\n        *\n        * Tracks simple string values bound to the option element.\n        * For objects, use the\n        * `ngValue` input binding.\n        */\n        set: function (value) {\n            if (this._select) {\n                this._value = value;\n                this._setElementValue(_buildValueString$1(this.id, value));\n            }\n            this._select.writeValue(this._select.value);\n        },\n        enumerable: true,\n        configurable: true\n    });\n    /** @internal */\n    NgSelectMultipleOption.prototype._setElementValue = function (value) {\n        this._renderer.setProperty(this._element.nativeElement, 'value', value);\n    }; \n    /** @internal */\n    NgSelectMultipleOption.prototype._setSelected = function (selected) {\n        this._renderer.setProperty(this._element.nativeElement, 'selected', selected);\n    }; \n    /**\n    *\n    * Lifecycle method called before the directive's instance is destroyed. For internal use only.\n    */\n    NgSelectMultipleOption.prototype.ngOnDestroy = function () {\n        if (this._select) {\n            this._select._optionMap.delete(this.id);\n            this._select.writeValue(this._select.value);\n        }\n    }; \n    __decorate([\n        core.Input('ngValue'),\n        __metadata(\"design:type\", Object),\n        __metadata(\"design:paramtypes\", [Object])\n    ], NgSelectMultipleOption.prototype, \"ngValue\", null);\n    __decorate([\n        core.Input('value'),\n        __metadata(\"design:type\", Object),\n        __metadata(\"design:paramtypes\", [Object])\n    ], NgSelectMultipleOption.prototype, \"value\", null);\n    NgSelectMultipleOption = __decorate([\n        core.Directive({ selector: 'option' }),\n        __param(2,\n        core.Optional()), __param(2, core.Host()),\n        __metadata(\"design:paramtypes\", [core.ElementRef,\n        core.Renderer2,\n        SelectMultipleControlValueAccessor])\n    ], NgSelectMultipleOption);\n    return\n    NgSelectMultipleOption;\n    }());\n    /**\n    *\n    * @license\n    * Copyright Google Inc. All Rights Reserved.\n    *\n    * Use of this source code is governed by an MIT-style license that can be\n    * found in the LICENSE file at\n    * https://angular.io/license\n    */\n    function controlPath(name, parent) {\n        return __spread(parent.path,\n        [name]);\n    }\n    function setUpControl(control, dir) {\n        if (!control)\n            _throwError(dir, 'Cannot find\n            control with');\n        if (!dir.valueAccessor)\n            _throwError(dir, 'No value accessor for form control with');\n        control.validator = Validators.compose([control.validator, dir.validator]);\n        control.asyncValidator =\n        Validators.composeAsync([control.asyncValidator, dir.asyncValidator]);\n        dir.valueAccessor.writeValue(control.value);\n        setUpViewChangePipeline(control, dir);\n        setUpModelChangePipeline(control, dir);\n        setUpBlurPipeline(control, dir);\n        if\n        (dir.valueAccessor.setDisabledState) {\n            control.registerOnDisabledChange(function (isDisabled) {\n                dir.valueAccessor.setDisabledState(isDisabled); });\n        }\n        // re-run validation when validator binding\n        changes, e.g. minlength=3 -> minlength=4\n        dir._rawValidators.forEach(function (validator) {\n            if\n            (validator.registerOnValidatorChange)\n                validator.registerOnValidatorChange(function () { return\n                control.updateValueAndValidity(); });\n        });\n        dir._rawAsyncValidators.forEach(function (validator) {\n            if\n            (validator.registerOnValidatorChange)\n                validator.registerOnValidatorChange(function () { return\n                control.updateValueAndValidity(); });\n        });\n        function cleanUpControl(control, dir) {\n            dir.valueAccessor.registerOnChange(function () { return _noControlError(dir); });\n            dir.valueAccessor.registerOnTouched(function () { return _noControlError(dir); });\n            dir._rawValidators.forEach(function (validator) {\n                if (validator.registerOnValidatorChange) {\n                    validator.registerOnValidatorChange(null);\n                }\n            });\n            dir._rawAsyncValidators.forEach(function\n            (validator) {\n                if (validator.registerOnValidatorChange) {\n                    validator.registerOnValidatorChange(null);\n                }\n            });\n            if (control)\n                control._clearChangeFns();\n        }\n        function setUpViewChangePipeline(control, dir) {\n            dir.valueAccessor.registerOnChange(function (newValue) {\n                control._pendingValue = newValue;\n                control._pendingChange = true;\n                control._pendingDirty = true;\n                if (control.updateOn === 'change')\n                    updateControl(control, dir);\n            });\n        }\n        function setUpBlurPipeline(control, dir) {\n            dir.valueAccessor.registerOnTouched(function () {\n                control._pendingTouched = true;\n                if

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(control.updateOn === 'blur' && control._pendingChange)\n        updateControl(control, dir);\n        if\n        (control.updateOn !== 'submit')\n            control.markAsTouched();\n        });\n    }\n    function\n    updateControl(control, dir) {\n        if (control._pendingDirty)\n            control.markAsDirty();\n        control.setValue(control._pendingValue, { emitModelToViewChange: false });\n        dir.viewToModelUpdate(control._pendingValue);\n        control._pendingChange = false;\n    }\n    function\n    setUpModelChangePipeline(control, dir) {\n        control.registerOnChange(function (newValue, emitModelEvent)\n        {\n            // control -> view\n            dir.valueAccessor.writeValue(newValue);\n            // control -> ngModel\n            if (emitModelEvent)\n                dir.viewToModelUpdate(newValue);\n        });\n    }\n    function\n    setUpFormContainer(control, dir) {\n        if (control == null)\n            _throwError(dir, 'Cannot find control\n            with');\n        control.validator = Validators.compose([control.validator, dir.validator]);\n        control.asyncValidator\n        = Validators.composeAsync([control.asyncValidator, dir.asyncValidator]);\n    }\n    function _noControlError(dir)\n    {\n        return _throwError(dir, 'There is no FormControl instance attached to form control element with');\n    }\n    function _throwError(dir, message) {\n        var messageEnd;\n        if (dir.path.length > 1) {\n            messageEnd =\n            \"path: \" + dir.path.join(' -> ') + \"\";\n        }\n        else if (dir.path[0]) {\n            messageEnd = \"name: \" +\n            dir.path + \"\";\n        }\n        else {\n            messageEnd = 'unspecified name attribute';\n        }\n        throw new\n        Error(message + \" \" + messageEnd);\n    }\n    function composeValidators(validators) {\n        return validators !=\n        null ? Validators.compose(validators.map(normalizeValidator)) : null;\n    }\n    function\n    composeAsyncValidators(validators) {\n        return validators != null ?\n        Validators.composeAsync(validators.map(normalizeAsyncValidator)) :\n        null;\n    }\n    function\n    isPropertyUpdated(changes, viewModel) {\n        if (!changes.hasOwnProperty('model'))\n            return false;\n        var change = changes['model'];\n        if (change.isFirstChange())\n            return true;\n        return\n        !core.looseIdentical(viewModel, change.currentValue);\n    }\n    var BUILTIN_ACCESSORS = [\n    CheckboxControlValueAccessor,\n    RangeValueAccessor,\n    NumberValueAccessor,\n    SelectControlValueAccessor,\n    SelectMultipleControlValueAccessor,\n    RadioControlValueAccessor,\n    ];\n    function isBuiltInAccessor(valueAccessor) {\n        return BUILTIN_ACCESSORS.some(function (a) {\n        return\n        valueAccessor.constructor === a; });\n    }\n    function syncPendingControls(form, directives) {\n        form._syncPendingControls();\n        directives.forEach(function (dir) {\n            var control = dir.control;\n            if\n            (control.updateOn === 'submit' && control._pendingChange) {\n                dir.viewToModelUpdate(control._pendingValue);\n                control._pendingChange = false;\n            }\n        });\n    }\n    // TODO: vsavkin remove it once https://github.com/angular/angular/issues/3011 is implemented\n    function selectValueAccessor(dir, valueAccessors) {\n        if (!valueAccessors)\n            return null;\n        if\n        (!Array.isArray(valueAccessors))\n            _throwError(dir, 'Value accessor was not provided as an array for form\n            control with');\n        var defaultAccessor = undefined;\n        var builtinAccessor = undefined;\n        var\n        customAccessor = undefined;\n        valueAccessors.forEach(function (v) {\n            if (v.constructor ===\n            DefaultValueAccessor) {\n                defaultAccessor = v;\n            }\n            else if (isBuiltInAccessor(v)) {\n                if\n                (builtinAccessor)\n                    _throwError(dir, 'More than one built-in value accessor matches form control\n                    with');\n                builtinAccessor = v;\n            }\n            else {\n                if (customAccessor)\n                    _throwError(dir, 'More than one custom value accessor matches form control with');\n                customAccessor =\n                v;\n            }\n        });\n        if (customAccessor)\n            return customAccessor;\n        if (builtinAccessor)\n            return builtinAccessor;\n        if (defaultAccessor)\n            return defaultAccessor;\n        _throwError(dir, 'No valid\n        value accessor for form control with');\n        return null;\n    }\n    function removeDir(list, el) {\n        var index =\n        list.indexOf(el);\n        if (index > -1)\n            list.splice(index, 1);\n    }\n    // TODO(kara): remove after\n    deprecation period\n    function _ngModelWarning(name, type, instance, warningConfig) {\n        if\n        (!core.isDevMode() || warningConfig === 'never')\n            return;\n        if (((warningConfig === null ||\n        warningConfig === 'once') && !type._ngModelWarningSentOnce) ||\n        (warningConfig === 'always' &&\n        !instance._ngModelWarningSent)) {\n            ReactiveErrors.ngModelWarning(name);\n            type._ngModelWarningSentOnce = true;\n            instance._ngModelWarningSent = true;\n        }\n    }\n    /**\n    * @license\n    * Copyright Google Inc. All Rights Reserved.\n    * Use of this source code is governed by

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 * found in the LICENSE file at https://angular.io/license
 */
 * Reports that a FormControl is valid, meaning that no errors exist in the input value.
 * @see `status`
 * var VALID = 'VALID';
 * Reports that a FormControl is invalid, meaning that an error exists in
the input value.
 * @see `status`
 * var INVALID = 'INVALID';
 * Reports that a
FormControl is pending, meaning that that async validation is occurring and
 * errors are not yet available for
the input value.
 * @see `markAsPending`
 * @see `status`
 * var PENDING = 'PENDING';
 */
 * Reports that a FormControl is disabled, meaning that the control is exempt from ancestor
 *
calculations of validity or value.
 * @see `markAsDisabled`
 * @see `status`
 * var
DISABLED = 'DISABLED';
function _find(control, path, delimiter) {
  if (path === null)
    return
null;
  if (!Array.isArray(path)) {
    path = path.split(delimiter);
  }
  if (Array.isArray(path)
&& path.length === 0)
    return null;
  // Not using Array.reduce here due to a Chrome 80 bug
  //
https://bugs.chromium.org/p/chromium/issues/detail?id=1049982
  var controlToFind = control;
  path.forEach(function (name) {
    if (controlToFind instanceof FormGroup) {
      controlToFind =
controlToFind.controls.hasOwnProperty(name) ?
controlToFind.controls[name] :
null;
    }
    else if (controlToFind instanceof FormArray) {
      controlToFind = controlToFind.at(name)
|| null;
    }
    else {
      controlToFind = null;
    }
  });
  return controlToFind;
}
function coerceToValidator validatorOrOpts {
  var validator = (isOptionsObj(validatorOrOpts) ?
validatorOrOpts.validators :
validatorOrOpts);
  return Array.isArray(validator) ?
composeValidators(validator) : validator || null;
}
function coerceToAsyncValidator(asyncValidator,
validatorOrOpts) {
  var origAsyncValidator = (isOptionsObj(validatorOrOpts) ?
validatorOrOpts.asyncValidators :
asyncValidator);
  return Array.isArray(origAsyncValidator) ?
composeAsyncValidators(origAsyncValidator) :
origAsyncValidator || null;
}
function
isOptionsObj(validatorOrOpts) {
  return validatorOrOpts != null && !Array.isArray(validatorOrOpts) &&
typeof validatorOrOpts === 'object';
}
/**
 * This is the base class for `FormControl`, `FormGroup`,
and `FormArray`.
 * It provides some of the shared behavior that all controls and groups of controls have,
like
 * running validators, calculating status, and resetting state. It also defines the properties
 * that are
shared between all sub-classes, like `value`, `valid`, and `dirty`. It shouldn't be
 * instantiated directly.
 *
 * @see [Forms Guide](/guide/forms)
 * @see [Reactive Forms Guide](/guide/reactive-forms)
 * @see
[Dynamic Forms Guide](/guide/dynamic-form)
 *
 * @publicApi
 */
var AbstractControl = /**
@class */ (function () {
  /**
   * Initialize the AbstractControl instance.
   *
   * @param
validator The function that determines the synchronous validity of this control.
   * @param asyncValidator
The function that determines the asynchronous validity of this
   * control.
   */
  function
AbstractControl(validator, asyncValidator) {
    this.validator = validator;
    this.asyncValidator =
asyncValidator;
    /** @internal */
    this._onCollectionChange = function () {};
    /**
   * A control is `pristine` if the user has not yet changed
   * the value in the UI.
   *
   * @returns True if the user has not yet changed the value in the UI; compare `dirty`.
   * Programmatic
changes to a control's value do not mark it dirty.
   */
    this.pristine = true;
    /**
   * A control is marked `touched` once the user has
   * triggered
   * a `blur` event on it.
   */
    this.touched = false;
    /** @internal */
    this._onDisabledChange = [];
  }
  Object.defineProperty(AbstractControl.prototype, "parent", {
    /**
   * The parent control.
   */
    get: function () { return this._parent; },
    enumerable:
true,
    configurable: true
  });
  Object.defineProperty(AbstractControl.prototype, "valid", {
    /**
   * A control is `valid` when its `status` is `VALID`.
   *
   * @see {@link
AbstractControl.status}
   */
    @returns True if the control has passed all of its validation tests,
   * false otherwise.
   */
    get: function () { return this.status === VALID; },
    enumerable:
true,
    configurable: true
  });
  Object.defineProperty(AbstractControl.prototype, "invalid", {
    /**
   * A control is `invalid` when its `status` is `INVALID`.
   *
   * @see {@link
AbstractControl.status}
   */
    @returns True if this control has failed one or more of its validation

```

```

checks,\n      * false otherwise.\n      *\n      get: function () { return this.status === INVALID; },\n      enumerable: true,\n      configurable: true\n    });\n    Object.defineProperty(AbstractControl.prototype,\n  \"pending\", {\n    /**\n     * A control is `pending` when its `status` is `PENDING`.\n     *\n     * @see {@link AbstractControl.status}\n     *\n     * @returns True if this control is in the process of\n    conducting a validation check,\n     * false otherwise.\n     *\n     * get: function () { return this.status\n    == PENDING; },\n     * enumerable: true,\n     * configurable: true\n    });\n    Object.defineProperty(AbstractControl.prototype, \"disabled\", {\n    /**\n     * A control is `disabled`\n    when its `status` is `DISABLED`.\n     *\n     * Disabled controls are exempt from validation checks and\n     * are not included in the aggregate value of their ancestor\n     * controls.\n     *\n     * @see\n    {@link AbstractControl.status}\n     *\n     * @returns True if the control is disabled, false otherwise.\n     *\n     * get: function () { return this.status === DISABLED; },\n     * enumerable: true,\n     * configurable: true\n    });\n    Object.defineProperty(AbstractControl.prototype, \"enabled\", {\n    /**\n     * A control is `enabled` as long as its `status` is not `DISABLED`.\n     *\n     * @returns True if the\n    control has any status other than 'DISABLED',\n     * false if the status is 'DISABLED'.\n     *\n     * @see {@link AbstractControl.status}\n     *\n     * get: function () { return this.status !==\n    DISABLED; },\n     * enumerable: true,\n     * configurable: true\n    });\n    Object.defineProperty(AbstractControl.prototype, \"dirty\", {\n    /**\n     * A control is `dirty` if the user\n    has changed the value\n     * in the UI.\n     *\n     * @returns True if the user has changed the value\n    of this control in the UI; compare `pristine`.\n     * Programmatic changes to a control's value do not mark it\n    dirty.\n     *\n     * get: function () { return !this.pristine; },\n     * enumerable: true,\n     * configurable:\n    true\n    });\n    Object.defineProperty(AbstractControl.prototype, \"untouched\", {\n    /**\n     * True\n    if the control has not been marked as touched\n     *\n     * A control is `untouched` if the user has not yet\n    triggered\n     * a `blur` event on it.\n     *\n     * get: function () { return !this.touched; },\n     * enumerable: true,\n     * configurable: true\n    });\n    Object.defineProperty(AbstractControl.prototype,\n  \"updateOn\", {\n    /**\n     * Reports the update strategy of the `AbstractControl` (meaning\n     * the event on which the control updates itself).\n     * Possible values: `change` | `blur` | `submit`\n     *\n     * Default value: `change`\n     *\n     * get: function () {\n    return this._updateOn ? this._updateOn :\n    (this.parent ? this.parent.updateOn : 'change');\n    },\n     * enumerable: true,\n     * configurable: true\n    });\n    /**\n     * Sets the synchronous validators that are active on this control. Calling\n     * this\n    overwrites any existing sync validators.\n     *\n     * When you add or remove a validator at run time, you must\n    call\n     * `updateValueAndValidity()` for the new validation to take effect.\n     *\n     *\n    AbstractControl.prototype.setValidators = function (newValidator) {\n    this.validator =\n    coerceToValidator(newValidator);\n    }; /**\n     * Sets the async validators that are active on this\n    control. Calling this\n     * overwrites any existing async validators.\n     *\n     * When you add or remove a\n    validator at run time, you must call\n     * `updateValueAndValidity()` for the new validation to take effect.\n     *\n     *\n    AbstractControl.prototype.setAsyncValidators = function (newValidator) {\n    this.asyncValidator = coerceToAsyncValidator(newValidator);\n    }; /**\n     * Empties out the sync\n    validator list.\n     *\n     * When you add or remove a validator at run time, you must call\n     *\n    `updateValueAndValidity()` for the new validation to take effect.\n     *\n     *\n    AbstractControl.prototype.clearValidators = function () { this.validator = null; }; /**\n     * Empties out the\n    async validator list.\n     *\n     * When you add or remove a validator at run time, you must call\n     *\n    `updateValueAndValidity()` for the new validation to take effect.\n     *\n     *\n    AbstractControl.prototype.clearAsyncValidators = function () { this.asyncValidator = null; }; /**\n     * Marks the control as `touched`. A control is touched by focus and\n     * blur events that do not change the\n    value.\n     *\n     * @see `markAsUntouched()`\n     * @see `markAsDirty()`\n     * @see\n    `markAsPristine()`\n     *\n     * @param opts Configuration options that determine how the control propagates\n    changes\n     * and emits events after marking is applied.\n     * * `onlySelf`: When true, mark only this control.\n    When false or not supplied,\n     * marks all direct ancestors. Default is false.\n     *\n     */

```

```

AbstractControl.prototype.markAsTouched = function (opts) {
  if (opts === void 0) { opts = {}; }
  this.touched = true;
  if (this._parent && !opts.onlySelf) {
    this._parent.markAsTouched(opts);
  }
  /**
   * Marks the control and all its descendant controls as `touched`.
   * @see `markAsTouched()`
   */
  AbstractControl.prototype.markAllAsTouched = function () {
    this.markAsTouched({ onlySelf: true });
    this._forEachChild(function (control) {
      return control.markAllAsTouched();
    });
    /**
     * Marks the control as `untouched`.
     * If the control has any children, also marks all children as `untouched`
     * and recalculates the `touched` status of all parent controls.
     * @see `markAsTouched()`
     * @see `markAsDirty()`
     * @see `markAsPristine()`
     * @param opts Configuration options that determine how the control propagates
     * changes and emits events after the marking is applied.
     * * `onlySelf`: When true, mark only this control. When false or not supplied,
     * marks all direct ancestors. Default is false.
     */
  }
  AbstractControl.prototype.markAsUntouched = function (opts) {
    if (opts === void 0) { opts = {}; }
    this.touched = false;
    this._pendingTouched = false;
    this._forEachChild(function (control) {
      control.markAsUntouched({ onlySelf: true });
    });
    if (this._parent && !opts.onlySelf) {
      this._parent._updateTouched(opts);
    }
    /**
     * Marks the control as `dirty`. A control becomes dirty when
     * the control's value is changed through the UI; compare `markAsTouched`.
     * @see `markAsTouched()`
     * @see `markAsUntouched()`
     * @see `markAsPristine()`
     * @param opts Configuration options that determine how the control propagates
     * changes and emits events after marking is applied.
     * * `onlySelf`: When true, mark only this control. When false or not supplied,
     * marks all direct ancestors. Default is false.
     */
  }
  AbstractControl.prototype.markAsDirty = function (opts) {
    if (opts === void 0) { opts = {}; }
    this.pristine = false;
    if (this._parent && !opts.onlySelf) {
      this._parent.markAsDirty(opts);
    }
    /**
     * Marks the control as `pristine`.
     * If the control has any children, marks all children as `pristine`,
     * and recalculates the `pristine` status of all parent controls.
     * @see `markAsTouched()`
     * @see `markAsUntouched()`
     * @see `markAsDirty()`
     * @param opts Configuration options that determine how the control emits events after
     * marking is applied.
     * * `onlySelf`: When true, mark only this control. When false or not supplied,
     * marks all direct ancestors. Default is false.
     */
  }
  AbstractControl.prototype.markAsPristine = function (opts) {
    if (opts === void 0) { opts = {}; }
    this.pristine = true;
    this._pendingDirty = false;
    this._forEachChild(function (control) {
      control.markAsPristine({ onlySelf: true });
    });
    if (this._parent && !opts.onlySelf) {
      this._parent._updatePristine(opts);
    }
    /**
     * Marks the control as `pending`.
     * A control is pending while the control performs async validation.
     * @see {@link AbstractControl.status}
     * @param opts Configuration options that determine how the control
     * propagates changes and emits events after marking is applied.
     * * `onlySelf`: When true, mark only this control. When false or not supplied,
     * marks all direct ancestors. Default is false.
     * * `emitEvent`: When true or not supplied (the default), the `statusChanges`
     * observable emits an event with the latest status the control is marked pending.
     * When false, no events are emitted.
     */
  }
  AbstractControl.prototype.markAsPending = function (opts) {
    if (opts === void 0) { opts = {}; }
    this.status = PENDING;
    if (opts.emitEvent !== false) {
      this.statusChanges.emit(this.status);
    }
    if (this._parent && !opts.onlySelf) {
      this._parent.markAsPending(opts);
    }
    /**
     * Disables the control. This means the control is exempt from validation checks and
     * excluded from the aggregate value of any parent. Its status is `DISABLED`.
     * If the control has children, all children are also disabled.
     * @see {@link AbstractControl.status}
     * @param opts Configuration options that determine how the control propagates
     * changes and emits events after the control is disabled.
     * * `onlySelf`: When true, mark only this control. When false or not supplied,
     * marks all direct ancestors. Default is false.
     * * `emitEvent`: When true or not supplied (the default),
     * both the `statusChanges` and `valueChanges` observables emit events with the latest status and
     * value when the control is disabled.
     * When false, no events are emitted.
     */
  }
}

```

```

AbstractControl.prototype.disable = function (opts) {\n
    if (opts === void 0) { opts = {}; }\n
    // If parent has been marked artificially dirty we don't want to re-calculate the\n
    // parent's dirtiness based on the children.\n
    var skipPristineCheck = this._parentMarkedDirty(opts.onlySelf);\n
    this.status = DISABLED;\n
    this.errors = null;\n
    this._forEachChild(function (control) {\n
    control.disable(__assign(__assign({}, opts), { onlySelf: true }));\n
    this._updateValue();\n
    if (opts.emitEvent !== false) {\n
    this.valueChanges.emit(this.value);\n
    this.statusChanges.emit(this.status);\n
    }\n
    this._updateAncestors(__assign(__assign({}, opts), { skipPristineCheck: skipPristineCheck }));\n
    this._onDisabledChange.forEach(function (changeFn) { return changeFn(true); });\n
    });\n
    /**\n
    * Enables the control. This means the control is included in validation checks and\n
    * the aggregate value of its parent. Its status recalculates based on its value and\n
    * its validators.\n
    *\n
    * By default, if the control has children, all children are enabled.\n
    *\n
    * @see {@link AbstractControl.status}\n
    *\n
    * @param opts Configure options that control how the control propagates changes and\n
    * emits events when marked as untouched\n
    * * `onlySelf`: When true, mark only this control. When false or not supplied,\n
    * marks all direct ancestors. Default is false.\n
    * * `emitEvent`: When true or not supplied (the default), both the `statusChanges` and\n
    * `valueChanges` observables emit events with the latest status and value when the control is enabled.\n
    * When false, no events are emitted.\n
    *\n
    AbstractControl.prototype.enable = function (opts) {\n
    if (opts === void 0) { opts = {}; }\n
    // If parent has been marked artificially dirty we don't want to re-calculate the\n
    // parent's dirtiness based on the children.\n
    var skipPristineCheck = this._parentMarkedDirty(opts.onlySelf);\n
    this.status = VALID;\n
    this._forEachChild(function (control) {\n
    control.enable(__assign(__assign({}, opts), { onlySelf: true }));\n
    this.updateValueAndValidity({ onlySelf: true, emitEvent: opts.emitEvent });\n
    this._updateAncestors(__assign(__assign({}, opts), { skipPristineCheck: skipPristineCheck }));\n
    this._onDisabledChange.forEach(function (changeFn) { return changeFn(false); });\n
    });\n
    AbstractControl.prototype._updateAncestors = function (opts) {\n
    if (this._parent && !opts.onlySelf) {\n
    this._parent.updateValueAndValidity(opts);\n
    if (!opts.skipPristineCheck) {\n
    this._parent._updatePristine();\n
    }\n
    this._parent._updateTouched();\n
    }\n
    });\n
    /**\n
    * @param parent Sets the parent of the control\n
    *\n
    AbstractControl.prototype.setParent = function (parent) {\n
    this._parent = parent; }\n
    /**\n
    * Recalculates the value and validation status of the control.\n
    *\n
    * By default, it also updates the value and validity of its ancestors.\n
    *\n
    *\n
    * @param opts Configuration options determine how the control propagates changes and emits events\n
    * after updates and validity checks are applied.\n
    * * `onlySelf`: When true, only update this control. When false or not supplied,\n
    * update all direct ancestors. Default is false.\n
    * * `emitEvent`: When true or not supplied (the default), both the `statusChanges` and\n
    * `valueChanges` observables emit events with the latest status and value when the control is updated.\n
    * When false, no events are emitted.\n
    *\n
    AbstractControl.prototype.updateValueAndValidity = function (opts) {\n
    if (opts === void 0) { opts = {}; }\n
    this._setInitialStatus();\n
    this._updateValue();\n
    if (this.enabled) {\n
    this._cancelExistingSubscription();\n
    this.errors = this._runValidator();\n
    this.status = this._calculateStatus();\n
    if (this.status === VALID || this.status === PENDING) {\n
    this._runAsyncValidator(opts.emitEvent);\n
    }\n
    }\n
    if (opts.emitEvent !== false) {\n
    this.valueChanges.emit(this.value);\n
    this.statusChanges.emit(this.status);\n
    }\n
    if (this._parent && !opts.onlySelf) {\n
    this._parent.updateValueAndValidity(opts);\n
    }\n
    });\n
    /** @internal *\n
    AbstractControl.prototype._updateTreeValidity = function (opts) {\n
    if (opts === void 0) { opts = { emitEvent: true }; }\n
    this._forEachChild(function (ctrl) {\n
    return ctrl._updateTreeValidity(opts);\n
    });\n
    this.updateValueAndValidity({ onlySelf: true, emitEvent: opts.emitEvent });\n
    });\n
    AbstractControl.prototype._setInitialStatus = function () {\n
    this.status = this._allControlsDisabled() ? DISABLED : VALID;\n
    });\n
    AbstractControl.prototype._runValidator = function () {\n
    return this.validator ? this.validator(this) : null;\n
    });\n
    AbstractControl.prototype._runAsyncValidator = function (emitEvent) {\n
    var _this = this;\n
    if (this.asyncValidator) {\n
    this.status = PENDING;\n
}

```



```

var obs = toObservable(this.asyncValidator(this));\n      this._asyncValidationSubscription =\nobs.subscribe(function (errors) { return _this.setErrors(errors, { emitEvent: emitEvent }); });\n\n  AbstractControl.prototype._cancelExistingSubscription = function () {\n    if\n    (this._asyncValidationSubscription) {\n      this._asyncValidationSubscription.unsubscribe();\n    }\n  };\n  /**\n   * Sets errors on a form control when running validations manually, rather than automatically.\n   *\n   * Calling `setErrors` also updates the validity of the parent control.\n   * @usageNotes\n   * ### Manually set the errors for a control\n   * ```\n   * const login = new\n   * FormControl('someLogin');\n   * login.setErrors({\n   *   notUnique: true\n   * });\n   * expect(login.valid).toEqual(false);\n   * expect(login.errors).toEqual({ notUnique: true });\n   * login.setValue('someOtherLogin');\n   * expect(login.valid).toEqual(true);\n   * ```\n   */\n  AbstractControl.prototype.setErrors = function (errors, opts) {\n    if (opts === void 0) { opts = {}; }\n    this.errors = errors;\n    this._updateControlsErrors(opts.emitEvent !== false);\n  };\n  /**\n   * Retrieves a child control given the control's name or path.\n   * @param path A dot-delimited string or\n   * array of string/number values that define the path to the\n   * control.\n   * @usageNotes\n   * ### Retrieve a nested control\n   * For example, to get a `name` control nested within a `person` sub-\n   * group:\n   * ```\n   * `this.form.get('person.name');`\n   * -OR-\n   * `this.form.get(['person', 'name']);`\n   * */\n  AbstractControl.prototype.get = function (path) { return\n    _find(this, path, '.'); }\n  /**\n   * @description\n   * Reports error data for the control with the given\n   * path.\n   * @param errorCode The code of the error to check\n   * @param path A list of control\n   * names that designates how to move from the current control\n   * to the control that should be queried for\n   * errors.\n   * @usageNotes\n   * For example, for the following `FormGroup`:\n   * ```\n   * form = new FormGroup({\n   *   address: new FormGroup({ street: new FormControl() })\n   * });\n   * ```\n   * The path to the 'street' control from the root form would be 'address' -> 'street'.\n   * It can be provided to this method in one of two formats:\n   * 1. An array of string control names, e.g. `['address', 'street']`\n   * 1. A period-delimited list of control names in one string, e.g. `address.street`\n   * @returns error data for that particular error. If the control or error is not present,\n   * null is returned.\n   */\n  AbstractControl.prototype.getError = function (errorCode, path) {\n    var control = path ?\n    this.get(path) : this;\n    return control && control.errors ? control.errors[errorCode] : null;\n  };\n  /**\n   * @description\n   * Reports whether the control with the given path has the error specified.\n   * @param errorCode The code of the error to check\n   * @param path A list of control names that designates\n   * how to move from the current control\n   * to the control that should be queried for errors.\n   * @usageNotes\n   * For example, for the following `FormGroup`:\n   * ```\n   * form = new\n   * FormGroup({\n   *   address: new FormGroup({ street: new FormControl() })\n   * });\n   * ```\n   * The path to the 'street' control from the root form would be 'address' -> 'street'.\n   * It can be\n   * provided to this method in one of two formats:\n   * 1. An array of string control names, e.g. `['address',\n   * 'street']`\n   * 1. A period-delimited list of control names in one string, e.g. `address.street`\n   * If\n   * no path is given, this method checks for the error on the current control.\n   * @returns whether the\n   * given error is present in the control at the given path.\n   * If the control is not present, false is\n   * returned.\n   */\n  AbstractControl.prototype.hasError = function (errorCode, path) {\n    return\n    !!this.getError(errorCode, path);\n  };\n  Object.defineProperty(AbstractControl.prototype, "root", {\n    /**\n     * Retrieves the top-level ancestor of this control.\n     */\n    get: function () {\n      var\n      x = this;\n      while (x._parent) {\n        x = x._parent;\n      }\n      return x;\n    },\n    enumerable: true,\n    configurable: true\n  });\n  /** @internal */\n  AbstractControl.prototype._updateControlsErrors = function (emitEvent) {\n    this.status =\n    this._calculateStatus();\n    if (emitEvent) {\n      this.statusChanges.emit(this.status);\n    }\n    if (this._parent) {\n      this._parent._updateControlsErrors(emitEvent);\n    }\n  };\n  /**\n   * @internal */\n  AbstractControl.prototype._initObservables = function () {\n    this.valueChanges = new\n    core.EventEmitter();\n    this.statusChanges = new core.EventEmitter();\n  };\n
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AbstractControl.prototype._calculateStatus = function () {\n      if (this._allControlsDisabled())\n          return\n          DISABLED;\n      if (this.errors)\n          return INVALID;\n      if\n      (this._anyControlsHaveStatus(PENDING))\n          return PENDING;\n      if\n      (this._anyControlsHaveStatus(INVALID))\n          return INVALID;\n      return VALID;\n  };\n  /**\n  @internal */\n  AbstractControl.prototype._anyControlsHaveStatus = function (status) {\n      return\n      this._anyControls(function (control) { return control.status === status; });\n  };\n  /** @internal */\n  AbstractControl.prototype._anyControlsDirty = function () {\n      return this._anyControls(function (control) {\n          return control.dirty; });\n  };\n  /** @internal */\n  AbstractControl.prototype._anyControlsTouched =\n  function () {\n      return this._anyControls(function (control) { return control.touched; });\n  };\n  /**\n  @internal */\n  AbstractControl.prototype._updatePristine = function (opts) {\n      if (opts === void 0) {\n          opts = {};\n      }\n      this.pristine = !this._anyControlsDirty();\n      if (this._parent && !opts.onlySelf) {\n          this._parent._updatePristine(opts);\n      }\n  };\n  /** @internal */\n  AbstractControl.prototype._updateTouched = function (opts) {\n      if (opts === void 0) {\n          opts = {};\n      }\n      this.touched = this._anyControlsTouched();\n      if (this._parent && !opts.onlySelf) {\n          this._parent._updateTouched(opts);\n      }\n  };\n  /** @internal */\n  AbstractControl.prototype._isBoxedValue = function (formState) {\n      return typeof formState === 'object'\n      && formState !== null &&\n      Object.keys(formState).length === 2 && 'value' in formState && 'disabled'\n      in formState;\n  };\n  /** @internal */\n  AbstractControl.prototype._registerOnCollectionChange =\n  function (fn) {\n      this._onCollectionChange = fn;\n  };\n  /** @internal */\n  AbstractControl.prototype._setUpdateStrategy = function (opts) {\n      if (isOptionsObj(opts) &&\n      opts.updateOn !== null) {\n          this._updateOn = opts.updateOn;\n      }\n  };\n  /**\n  * Check\n  to see if parent has been marked artificially dirty.\n  */\n  /** @internal */\n  AbstractControl.prototype._parentMarkedDirty = function (onlySelf) {\n      var parentDirty = this._parent &&\n      this._parent.dirty;\n      return !onlySelf && parentDirty && !this._parent._anyControlsDirty();\n  };\n  return AbstractControl;\n  (function () {\n      /**\n      * Tracks the value and validation status of an individual form control.\n      *\n      * This is one of the three fundamental building blocks of Angular forms, along with\n      * `FormGroup` and\n      * `FormArray`. It extends the `AbstractControl` class that\n      * implements most of the base functionality for\n      accessing the value, validation status,\n      * user interactions and events.\n      *\n      * @see `AbstractControl`\n      *\n      * @see [Reactive Forms Guide](guide/reactive-forms)\n      *\n      * @see [Usage Notes](#usage-notes)\n      *\n      * @usageNotes\n      *\n      * ### Initializing Form Controls\n      *\n      * Instantiate a `FormControl`, with an initial\n      value.\n      *\n      * ```ts\n      * const control = new FormControl('some value');\n      * console.log(control.value); //\n      'some value'\n      * ```\n      *\n      * The following example initializes the control with a form state object. The\n      `value`\n      * and `disabled` keys are required in this case.\n      *\n      * ```ts\n      * const control = new\n      FormControl({ value: 'n/a', disabled: true });\n      * console.log(control.value); // 'n/a'\n      *\n      * console.log(control.status); // 'DISABLED'\n      * ```\n      *\n      * The following example initializes the control\n      with a sync validator.\n      *\n      * ```ts\n      * const control = new FormControl('', Validators.required);\n      *\n      * console.log(control.value); // ''\n      *\n      * console.log(control.status); // 'INVALID'\n      * ```\n      *\n      * The\n      following example initializes the control using an options object.\n      *\n      * ```ts\n      * const control = new\n      FormControl('', {\n      *   validators: Validators.required,\n      *   asyncValidators: myAsyncValidator\n      * });\n      *\n      * ```\n      *\n      * ### Configure the control to update on a blur event\n      *\n      * Set the `updateOn` option to\n      `blur`\n      * to update on the blur `event`.\n      *\n      * ```ts\n      * const control = new FormControl('', { updateOn: 'blur'\n      * });\n      *\n      * ```\n      *\n      * ### Configure the control to update on a submit event\n      *\n      * Set the `updateOn`\n      option to `submit`\n      * to update on a submit `event`.\n      *\n      * ```ts\n      * const control = new FormControl('', {\n      *   updateOn: 'submit'\n      * });\n      *\n      * ```\n      *\n      * ### Reset the control back to an initial value\n      *\n      * You reset to a\n      specific form state by passing through a standalone\n      * value or a form state object that contains both a value and\n      a disabled state\n      * (these are the only two properties that cannot be calculated).\n      *\n      * ```ts\n      * const\n      control = new FormControl('Nancy');\n      * console.log(control.value); // 'Nancy'\n      *\n      * control.reset('Drew');\n      * console.log(control.value); // 'Drew'\n      *\n      * ```\n      *\n      * ### Reset the control

```

```

back to an initial value and disabled\n
 * \n * ```\n
 * const control = new FormControl('Nancy');\n
 * \n
 * console.log(control.value); // 'Nancy'\n
 * console.log(control.status); // 'VALID'\n
 * \n
 * control.reset({ value:
'Drew', disabled: true });\n
 * \n
 * console.log(control.value); // 'Drew'\n
 * console.log(control.status); //
'DISABLED'\n
 * ```\n
 * \n
 * @publicApi\n
 * /\n
 var FormControl = /** @class */ (function (_super) {\n
 __extends(FormControl, _super);\n
 /**\n
 * Creates a new `FormControl` instance.\n
 * \n
 * @param formState Initializes the control with an initial value,\n
 * or an object that defines the initial value and
disabled state.\n
 * \n
 * @param validatorOrOpts A synchronous validator function, or an array of\n
 * such functions, or an `AbstractControlOptions` object that contains validation functions\n
 * and a validation
trigger.\n
 * \n
 * @param asyncValidator A single async validator or array of async validator functions\n
 * \n
 * /\n
 function FormControl(formState, validatorOrOpts, asyncValidator) {\n
 if (formState ===
void 0) { formState = null; }\n
 var _this = _super.call(this, coerceToValidator(validatorOrOpts),
coerceToAsyncValidator(asyncValidator, validatorOrOpts)) || this;\n
 /** @internal *\n
 _this._onChange = [];\n
 _this._applyFormState(formState);\n
 _this._setUpdateStrategy(validatorOrOpts);\n
 _this.updateValueAndValidity({ onlySelf: true, emitEvent:
false });\n
 _this._initObservables();\n
 return _this;\n
 } \n
 /**\n
 * Sets a new value for the
form control.\n
 * \n
 * @param value The new value for the control.\n
 * @param options
Configuration options that determine how the control propagates changes\n
 * and emits events when the value
changes.\n
 * The configuration options are passed to the {@link AbstractControl#updateValueAndValidity\n
 * updateValueAndValidity} method.\n
 * \n
 * * `onlySelf`: When true, each change only affects this
control, and not its parent. Default is\n
 * false.\n
 * * `emitEvent`: When true or not supplied (the default),
both the `statusChanges` and\n
 * `valueChanges`\n
 * observables emit events with the latest status and
value when the control value is updated.\n
 * When false, no events are emitted.\n
 * *
`emitModelToViewChange`: When true or not supplied (the default), each change triggers an\n
 * `onChange`\n
event to\n
 * update the view.\n
 * * `emitViewToModelChange`: When true or not supplied (the default),
each change triggers an\n
 * `ngModelChange`\n
 * event to update the model.\n
 * \n
 * /\n
 FormControl.prototype.setValue = function (value, options) {\n
 var _this = this;\n
 if (options === void
0) { options = {}; }\n
 this.value = this._pendingValue = value;\n
 if (this._onChange.length &&
options.emitModelToViewChange !== false) {\n
 this._onChange.forEach(function (changeFn) { return
changeFn(_this.value, options.emitViewToModelChange !== false); });\n
 } \n
 this.updateValueAndValidity(options);\n
 }; \n
 /**\n
 * Patches the value of a control.\n
 * \n
 * This function is functionally the same as {@link FormControl#setValue setValue} at this level.\n
 * It exists for
symmetry with {@link FormGroup#patchValue patchValue} on `FormGroups` and\n
 * `FormArrays`, where it
does behave differently.\n
 * \n
 * @see `setValue` for options\n
 * /\n
 FormControl.prototype.patchValue = function (value, options) {\n
 if (options === void 0) { options = {}; }\n
 this.setValue(value, options);\n
 }; \n
 /**\n
 * Resets the form control, marking it `pristine` and
`untouched`, and setting\n
 * the value to null.\n
 * \n
 * @param formState Resets the control with an
initial value,\n
 * or an object that defines the initial value and disabled state.\n
 * \n
 * @param options
Configuration options that determine how the control propagates changes\n
 * and emits events after the value
changes.\n
 * \n
 * * `onlySelf`: When true, each change only affects this control, and not its parent. Default
is\n
 * false.\n
 * * `emitEvent`: When true or not supplied (the default), both the `statusChanges` and\n
 * `valueChanges`\n
 * observables emit events with the latest status and value when the control is reset.\n
 *
When false, no events are emitted.\n
 * \n
 * /\n
 FormControl.prototype.reset = function (formState,
options) {\n
 if (formState === void 0) { formState = null; }\n
 if (options === void 0) { options = {};\n
 }\n
 this._applyFormState(formState);\n
 this.markAsPristine(options);\n
 this.markAsUntouched(options);\n
 this.setValue(this.value, options);\n
 this._pendingChange = false;\n
 };\n
 /**\n
 * @internal\n
 * /\n
 FormControl.prototype._updateValue = function () { }; \n
 /**\n
 * @internal\n
 * /\n
 FormControl.prototype._anyControls = function (condition) { return false;\n
 };\n
 /**\n
 * @internal\n
 * /\n
 FormControl.prototype._allControlsDisabled = function () { return

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```

this.disabled; };\n    /**\n    * Register a listener for change events.\n    *\n    * @param fn The method
that is called when the value changes\n    */\n    FormControl.prototype.registerOnChange = function (fn) {\n
this._onChange.push(fn); };\n    /**\n    * @internal\n    */\n    FormControl.prototype._clearChangeFns
= function () {\n        this._onChange = [];\n        this._onDisabledChange = [];\n
this._onCollectionChange = function () {} };\n    /**\n    * Register a listener for disabled events.\n
*\n    * @param fn The method that is called when the disabled status changes.\n    */\n
FormControl.prototype.registerOnDisabledChange = function (fn) {\n        this._onDisabledChange.push(fn);\n
};\n    /**\n    * @internal\n    */\n    FormControl.prototype._forEachChild = function (cb) { };\n
/** @internal */\n    FormControl.prototype._syncPendingControls = function () {\n        if (this.updateOn ===
'submit') {\n            if (this._pendingDirty)\n                this.markAsDirty();\n            if
(this._pendingTouched)\n                this.markAsTouched();\n            if (this._pendingChange) {\n
this.setValue(this._pendingValue, { onlySelf: true, emitModelToViewChange: false });\n                return true;\n
            }\n        }\n        return false;\n    };\n    FormControl.prototype._applyFormState = function
(formState) {\n        if (this._isBoxedValue(formState)) {\n            this.value = this._pendingValue =
formState.value;\n            formState.disabled ? this.disable({ onlySelf: true, emitEvent: false }) : \n
this.enable({ onlySelf: true, emitEvent: false });\n        }\n        else {\n            this.value =
this._pendingValue = formState;\n        }\n    };\n    return FormControl;\n  })(AbstractControl);\n  /**\n
* Tracks the value and validity state of a group of `FormControl` instances.\n    *\n    * A `FormGroup` aggregates
the values of each child `FormControl` into one object,\n    * with each control name as the key. It calculates its
status by reducing the status values\n    * of its children. For example, if one of the controls in a group is invalid,
the entire\n    * group becomes invalid.\n    *\n    * `FormGroup` is one of the three fundamental building blocks used
to define forms in Angular,\n    * along with `FormControl` and `FormArray`.\n    *\n    * When instantiating a
`FormGroup`, pass in a collection of child controls as the first\n    * argument. The key for each child registers the
name for the control.\n    *\n    * @usageNotes\n    *\n    * ### Create a form group with 2 controls\n    *\n    *
```\n    * const form = new FormGroup({\n    *   first: new FormControl('Nancy', Validators.minLength(2)),\n    *
last: new FormControl('Drew'),\n * });\n *\n * console.log(form.value); // {first: 'Nancy', last: 'Drew'}\n *
console.log(form.status); // 'VALID'\n *\n * ### Create a form group with a group-level validator\n *\n * You include group-level validators as the second arg, or group-level async\n * validators as the third arg.
These come in handy when you want to perform validation\n * that considers the value of more than one child
control.\n *\n * ```\n * const form = new FormGroup({\n * password: new FormControl(",
Validators.minLength(2)),\n * passwordConfirm: new FormControl(", Validators.minLength(2)),\n * },
passwordMatchValidator);\n *\n * function passwordMatchValidator(g: FormGroup) {\n * return
g.get('password').value === g.get('passwordConfirm').value\n * ? null : {'mismatch': true};\n * }\n *
```\n    *\n    * Like `FormControl` instances, you choose to pass in\n    * validators and async validators as part of an
options object.\n    *\n    * ```\n    * const form = new FormGroup({\n    *   password: new FormControl(")\n    *
passwordConfirm: new FormControl(")\n    * }, { validators: passwordMatchValidator, asyncValidators:
otherValidator });\n    * ```\n    *\n    * ### Set the updateOn property for all controls in a form group\n    *\n    *
The options object is used to set a default value for each child\n    * control's `updateOn` property. If you set
`updateOn` to `blur` at the\n    * group level, all child controls default to `blur`, unless the child\n    * has explicitly
specified a different `updateOn` value.\n    *\n    * ```\n    * const c = new FormGroup({\n    *   one: new
FormControl()\n    * }, { updateOn: 'blur' });\n    * ```\n    *\n    * @publicApi\n    */\n    var FormGroup = /**
@class */(function (_super) {\n        __extends(FormGroup, _super);\n        /**\n        * Creates a new `FormGroup`
instance.\n        *\n        * @param controls A collection of child controls. The key for each child is the name\n        *
under which it is registered.\n        *\n        * @param validatorOrOpts A synchronous validator function, or an array
of\n        * such functions, or an `AbstractControlOptions` object that contains validation functions\n        * and a
validation trigger.\n        *\n        * @param asyncValidator A single async validator or array of async validator
functions\n        */\n        function FormGroup(controls, validatorOrOpts, asyncValidator) {\n            var
_this = _super.call(this, coerceToValidator(validatorOrOpts), coerceToAsyncValidator(asyncValidator),

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validatorOrOpts)) || this;\n        _this.controls = controls;\n        _this._initObservables();\n        _this._setUpdateStrategy(validatorOrOpts);\n        _this._setUpControls();\n        _this.updateValueAndValidity({ onlySelf: true, emitEvent: false });\n        return _this;\n    }\n    /**\n     * Registers a control with the group's list of controls.\n     * \n     * This method does not update the value or validity of the control.\n     * Use { @link FormGroup#addControl addControl } instead.\n     * \n     * @param name The control name to register in the collection\n     * @param control Provides the control for the given name\n     */\n    FormGroup.prototype.registerControl = function (name, control) {\n        if (this.controls[name])\n            return this.controls[name];\n        this.controls[name] = control;\n        control.setParent(this);\n        control._registerOnCollectionChange(this._onCollectionChange);\n        return control;\n    };\n    /**\n     * Add a control to this group.\n     * \n     * This method also updates the value and validity of the control.\n     * \n     * @param name The control name to add to the collection\n     * @param control Provides the control for the given name\n     */\n    FormGroup.prototype.addControl = function (name, control) {\n        this.registerControl(name, control);\n        this.updateValueAndValidity();\n        this._onCollectionChange();\n    };\n    /**\n     * Remove a control from this group.\n     * \n     * @param name The control name to remove from the collection\n     */\n    FormGroup.prototype.removeControl = function (name) {\n        if (this.controls[name])\n            this.controls[name]._registerOnCollectionChange(function () { });\n        delete (this.controls[name]);\n        this.updateValueAndValidity();\n        this._onCollectionChange();\n    };\n    /**\n     * Replace an existing control.\n     * \n     * @param name The control name to replace in the collection\n     * @param control Provides the control for the given name\n     */\n    FormGroup.prototype.setControl = function (name, control) {\n        if (this.controls[name])\n            this.controls[name]._registerOnCollectionChange(function () { });\n        delete (this.controls[name]);\n        if (control)\n            this.registerControl(name, control);\n        this.updateValueAndValidity();\n        this._onCollectionChange();\n    };\n    /**\n     * Check whether there is an enabled control with the given name in the group.\n     * \n     * Reports false for disabled controls. If you'd like to check for existence in the group\n     * only, use { @link AbstractControl#get get } instead.\n     * \n     * @param controlName The control name to check for existence in the collection\n     * @returns false for disabled controls, true otherwise.\n     */\n    FormGroup.prototype.contains = function (controlName) {\n        return this.controls.hasOwnProperty(controlName) && this.controls[controlName].enabled;\n    };\n    /**\n     * Sets the value of the `FormGroup`. It accepts an object that matches\n     * the structure of the group, with control names as keys.\n     * \n     * @usageNotes\n     * ### Set the complete value for the form group\n     * \n     * ```\n     * const form = new FormGroup({\n     *   first: new FormControl(),\n     *   last: new FormControl()\n     * });\n     * console.log(form.value); // {first: null, last: null}\n     * \n     * form.setValue({first: 'Nancy', last: 'Drew'});\n     * console.log(form.value); // {first: 'Nancy', last: 'Drew'}\n     * \n     * ```\n     * \n     * @throws When strict checks fail, such as setting the value of a control\n     * that doesn't exist or if you exclude a value of a control that does exist.\n     * \n     * @param value The new value for the control that matches the structure of the group.\n     * @param options Configuration options that determine how the control propagates changes\n     * and emits events after the value changes.\n     * \n     * The configuration options are passed to the { @link AbstractControl#updateValueAndValidity\n     * updateValueAndValidity } method.\n     * \n     * * `onlySelf`: When true, each change only affects this control, and not its parent. Default is\n     * false.\n     * * `emitEvent`: When true or not supplied (the default), both the `statusChanges` and\n     * `valueChanges` observables emit events with the latest status and value when the control value is updated.\n     * \n     * When false, no events are emitted.\n     */\n    FormGroup.prototype.setValue = function (value, options) {\n        var _this = this;\n        if (options === void 0) { options = {}; }\n        this._checkAllValuesPresent(value);\n        Object.keys(value).forEach(function (name) {\n            _this._throwIfControlMissing(name);\n            _this.controls[name].setValue(value[name], { onlySelf: true, emitEvent: options.emitEvent });\n        });\n        this.updateValueAndValidity(options);\n    };\n    /**\n     * Patches the value of the `FormGroup`. It accepts an object with control\n     * names as keys, and does its best to match the values to the correct controls\n     * in the group.\n     * \n     * It accepts both

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super-sets and sub-sets of the group without throwing an error.\n      *\n      * @usageNotes\n      * ### Patch
the value for a form group\n      *\n      * ```\n      * const form = new FormGroup({\n      *   first: new
FormControl(),\n      *   last: new FormControl()\n      * });\n      * console.log(form.value); // {first: null,
last: null}\n      *\n      * form.patchValue({first: 'Nancy'});\n      * console.log(form.value); // {first: 'Nancy',
last: null}\n      * ```\n      *\n      * @param value The object that matches the structure of the group.\n      *
@param options Configuration options that determine how the control propagates changes and\n      * emits events
after the value is patched.\n      * * `onlySelf`: When true, each change only affects this control and not its parent.
Default is\n      * true.\n      * * `emitEvent`: When true or not supplied (the default), both the `statusChanges`
and\n      * `valueChanges`\n      * observables emit events with the latest status and value when the control value
is updated.\n      * * When false, no events are emitted.\n      * The configuration options are passed to the {@link
AbstractControl#updateValueAndValidity}\n      * updateValueAndValidity} method.\n      */\n
FormGroup.prototype.patchValue = function (value, options) {\n      var _this = this;\n      if (options ===
void 0) { options = {}; }\n      Object.keys(value).forEach(function (name) {\n      if (_this.controls[name])
{\n      _this.controls[name].patchValue(value[name], { onlySelf: true, emitEvent: options.emitEvent });\n      }\n      });\n      this.updateValueAndValidity(options);\n      }; \n      /**\n      * Resets the
`FormGroup`, marks all descendants are marked `pristine` and `untouched`, and\n      * the value of all
descendants to null.\n      *\n      * You reset to a specific form state by passing in a map of states\n      * that
matches the structure of your form, with control names as keys. The state\n      * is a standalone value or a form
state object with both a value and a disabled\n      * status.\n      *\n      * @param value Resets the control with
an initial value,\n      * or an object that defines the initial value and disabled state.\n      *\n      * @param
options Configuration options that determine how the control propagates changes\n      * and emits events when
the group is reset.\n      * * `onlySelf`: When true, each change only affects this control, and not its parent. Default
is\n      * false.\n      * * `emitEvent`: When true or not supplied (the default), both the `statusChanges` and\n      *
`valueChanges`\n      * observables emit events with the latest status and value when the control is reset.\n      *
When false, no events are emitted.\n      * The configuration options are passed to the {@link
AbstractControl#updateValueAndValidity}\n      * updateValueAndValidity} method.\n      */\n
@usageNotes\n      *\n      * ### Reset the form group values\n      *\n      * ```ts\n      * const form = new
FormGroup({\n      *   first: new FormControl('first name'),\n      *   last: new FormControl('last name')\n      *
});\n      *\n      * console.log(form.value); // {first: 'first name', last: 'last name'}\n      *\n      * form.reset({
first: 'name', last: 'last name'});\n      *\n      * console.log(form.value); // {first: 'name', last: 'last name'}\n      *
``` \n      *\n      * ### Reset the form group values and disabled status\n      *\n      * ```\n      * const form
= new FormGroup({\n * first: new FormControl('first name'),\n * last: new FormControl('last name')\n *
});\n *\n * form.reset({\n * first: {value: 'name', disabled: true},\n * last: 'last'\n *
});\n *\n * console.log(this.form.value); // {first: 'name', last: 'last name'}\n *
console.log(this.form.get('first').status); // 'DISABLED'\n * ```\n */\n
FormGroup.prototype.reset =
function (value, options) {\n if (value === void 0) { value = {}; }\n if (options === void 0) { options =
{}; }\n this._forEachChild(function (control, name) {\n control.reset(value[name], { onlySelf: true,
emitEvent: options.emitEvent });\n });\n this._updatePristine(options);\n this._updateTouched(options);\n this.updateValueAndValidity(options);\n }; \n /**\n * The
aggregate value of the `FormGroup`, including any disabled controls.\n *\n * Retrieves all values
regardless of disabled status.\n * The `value` property is the best way to get the value of the group, because\n *
it excludes disabled controls in the `FormGroup`.\n */\n
FormGroup.prototype.getRawValue = function
()\n {\n return this._reduceChildren({}, function (acc, control, name) {\n acc[name] = control
instanceof FormControl ? control.value : control.getRawValue();\n return acc;\n });\n }; \n /**\n * @internal */\n
FormGroup.prototype._syncPendingControls = function () {\n var subtreeUpdated =
this._reduceChildren(false, function (updated, child) {\n return child._syncPendingControls() ? true :
updated;\n });\n if (subtreeUpdated)\n this.updateValueAndValidity({ onlySelf: true });\n return subtreeUpdated;\n }; \n /**\n * @internal */\n
FormGroup.prototype._throwIfControlMissing =

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function (name) {\n if (!Object.keys(this.controls).length) {\n throw new Error("\n There are
no form controls registered with this group yet. If you're using ngModel,\n you may want to check next tick
(e.g. use setTimeout).\n ");\n }\n if (!this.controls[name]) {\n throw new Error("Cannot
find form control with name: \" + name + \".\");\n }\n /** @internal */\n
FormGroup.prototype._forEachChild = function (cb) {\n var _this = this;\n
Object.keys(this.controls).forEach(function (k) { return cb(_this.controls[k], k); });\n });\n /** @internal
*/\n FormGroup.prototype._setUpControls = function () {\n var _this = this;\n
this._forEachChild(function (control) {\n control.setParent(_this);\n
control._registerOnCollectionChange(_this._onCollectionChange);\n });\n });\n /** @internal */\n
FormGroup.prototype._updateValue = function () { this.value = this._reduceValue(); }; \n /** @internal */\n
FormGroup.prototype._anyControls = function (condition) {\n var _this = this;\n var res = false;\n
this._forEachChild(function (control, name) {\n res = res || (_this.contains(name) &&
condition(control));\n });\n return res;\n });\n /** @internal */\n
FormGroup.prototype._reduceValue = function () {\n var _this = this;\n return
this._reduceChildren({}, function (acc, control, name) {\n if (control.enabled || !_this.disabled) {\n
acc[name] = control.value;\n }\n return acc;\n });\n });\n /** @internal */\n
FormGroup.prototype._reduceChildren = function (initValue, fn) {\n var res = initValue;\n
this._forEachChild(function (control, name) { res = fn(res, control, name); });\n return res;\n });\n /**
@internal */\n FormGroup.prototype._allControlsDisabled = function () {\n var e_1, _a;\n try {\n
for (var _b = __values(Object.keys(this.controls)), _c = _b.next(); !_c.done; _c = _b.next()) {\n
var controlName = _c.value;\n if (this.controls[controlName].enabled) {\n return false;\n
 }\n }\n catch (e_1_1) { e_1 = { error: e_1_1 }; }\n finally {\n
try {\n if (_c && !_c.done && (_a = _b.return)) _a.call(_b);\n }\n finally { if (e_1)
throw e_1.error; }\n }\n return Object.keys(this.controls).length > 0 || this.disabled;\n });\n /**
@internal */\n FormGroup.prototype._checkAllValuesPresent = function (value) {\n
this._forEachChild(function (control, name) {\n if (value[name] === undefined) {\n throw new
Error("Must supply a value for form control with name: \" + name + \".\");\n }\n });\n }\n
return FormGroup;\n })(AbstractControl);\n /**\n * Tracks the value and validity state of an array of
`FormControl`,\n * `FormGroup` or `FormArray` instances.\n * \n * A `FormArray` aggregates the values of
each child `FormControl` into an array.\n * It calculates its status by reducing the status values of its children. For
example, if one of\n * the controls in a `FormArray` is invalid, the entire array becomes invalid.\n * \n *
`FormArray` is one of the three fundamental building blocks used to define forms in Angular,\n * along with
`FormControl` and `FormGroup`.\n * \n * @usageNotes\n * \n * ### Create an array of form controls\n
*\n * ```\n * const arr = new FormArray([\n * new FormControl('Nancy', Validators.minLength(2)),\n *
new FormControl('Drew'),\n *]);\n * console.log(arr.value); // ['Nancy', 'Drew']\n *
console.log(arr.status); // 'VALID'\n * ```\n * \n * ### Create a form array with array-level validators\n
*\n * You include array-level validators and async validators. These come in handy\n * when you want to perform
validation that considers the value of more than one child\n * control.\n * \n * The two types of validators are
passed in separately as the second and third arg\n * respectively, or together as part of an options object.\n
*\n * ```\n * const arr = new FormArray([\n * new FormControl('Nancy'),\n * new FormControl('Drew')\n
*], { validators: myValidator, asyncValidators: myAsyncValidator });\n * ```\n * \n * ### Set the updateOn
property for all controls in a form array\n * \n * The options object is used to set a default value for each child\n
* control's `updateOn` property. If you set `updateOn` to `blur` at the\n * array level, all child controls default
to `blur`, unless the child\n * has explicitly specified a different `updateOn` value.\n * \n * ```ts\n
* const arr = new FormArray([\n * new FormControl(),\n *], { updateOn: 'blur'});\n * ```\n * \n * ### Adding or
removing controls from a form array\n * \n * To change the controls in the array, use the `push`, `insert`,
`removeAt` or `clear` methods\n * in `FormArray` itself. These methods ensure the controls are properly tracked
in the\n * form's hierarchy. Do not modify the array of `AbstractControl`s used to instantiate\n * the

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`FormArray` directly, as that result in strange and unexpected behavior such
 * as broken change detection.
 *
 * @publicApi
 */
var FormArray = /** @class */ (function (_super) {
 __extends(FormArray,
 _super);
 /**
 * Creates a new `FormArray` instance.
 *
 * @param controls An array of child
 controls. Each child control is given an index
 * where it is registered.
 *
 * @param
 validatorOrOpts A synchronous validator function, or an array of
 * such functions, or an
 `AbstractControlOptions` object that contains validation functions
 * and a validation trigger.
 *
 * @param asyncValidator A single async validator or array of async validator functions
 *
 */
 function FormArray(controls, validatorOrOpts, asyncValidator) {
 var _this = _super.call(this,
 coerceToValidator(validatorOrOpts), coerceToAsyncValidator(asyncValidator, validatorOrOpts)) || this;
 _this.controls = controls;
 _this._initObservables();
 _this._setUpdateStrategy(validatorOrOpts);
 _this._setUpControls();
 _this.updateValueAndValidity({ onlySelf: true, emitEvent: false });
 return _this;
 }
 /**
 * Get the `AbstractControl` at the given `index` in the array.
 *
 * @param index Index in the array to retrieve the control
 */
 FormArray.prototype.at = function (index) {
 return this.controls[index];
 };
 /**
 * Insert a new `AbstractControl` at the end of the array.
 *
 * @param control Form control to be inserted
 */
 FormArray.prototype.push = function (control) {
 this.controls.push(control);
 this._registerControl(control);
 this.updateValueAndValidity();
 this._onCollectionChange();
 };
 /**
 * Insert a new `AbstractControl` at the given `index` in
 the array.
 *
 * @param index Index in the array to insert the control
 * @param control Form
 control to be inserted
 */
 FormArray.prototype.insert = function (index, control) {
 this.controls.splice(index, 0, control);
 this._registerControl(control);
 this.updateValueAndValidity();
 };
 /**
 * Remove the control at the given `index` in the array.
 *
 * @param index Index in the array to remove the control
 */
 FormArray.prototype.removeAt
 = function (index) {
 if (this.controls[index])
 this.controls[index]._registerOnCollectionChange(function () { });
 this.controls.splice(index, 1);
 this.updateValueAndValidity();
 };
 /**
 * Replace an existing control.
 *
 * @param
 index Index in the array to replace the control
 * @param control The `AbstractControl` control to replace the
 existing control
 */
 FormArray.prototype.setControl = function (index, control) {
 if
 (this.controls[index])
 this.controls[index]._registerOnCollectionChange(function () { });
 this.controls.splice(index, 1);
 if (control) {
 this.controls.splice(index, 0, control);
 this._registerControl(control);
 }
 this.updateValueAndValidity();
 this._onCollectionChange();
 };
 Object.defineProperty(FormArray.prototype, "length", {
 /**
 * Length of the control array.
 */
 get: function () { return this.controls.length; },
 enumerable: true,
 configurable: true
 });
 /**
 * Sets the value of the `FormArray`. It
 accepts an array that matches
 * the structure of the control.
 *
 * This method performs strict
 checks, and throws an error if you try
 * to set the value of a control that doesn't exist or if you exclude the
 * value of a control.
 *
 * @usageNotes
 * ### Set the values for the controls in the form
 array
 *
 * ```
 * const arr = new FormArray([
 * new FormControl(),
 * new
 FormControl()
 *]);
 * console.log(arr.value); // [null, null]
 *
 * arr.setValue(['Nancy',
 'Drew']);
 * console.log(arr.value); // ['Nancy', 'Drew']
 *
 * ```
 *
 * @param value Array of
 values for the controls
 * @param options Configure options that determine how the control propagates
 changes and
 * emits events after the value changes
 *
 * * `onlySelf`: When true, each change
 only affects this control, and not its parent. Default
 * is false.
 * * `emitEvent`: When true or not
 supplied (the default), both the `statusChanges` and
 * `valueChanges`
 * observables emit events with
 the latest status and value when the control value is updated.
 * When false, no events are emitted.
 *
 The configuration options are passed to the {@link AbstractControl#updateValueAndValidity}
 method.
 */
 FormArray.prototype.setValue = function (value, options) {
 var _this = this;
 if (options === void 0) { options = {}; }
 this._checkAllValuesPresent(value);
 value.forEach(function (newValue, index) {
 _this._throwIfControlMissing(index);
 });
 };
}

```



```

_this.at(index).setValue(newValue, { onlySelf: true, emitEvent: options.emitEvent });\n
});\n
this.updateValueAndValidity(options);\n
};\n
/**\n
 * Patches the value of the `FormArray`. It accepts
an array that matches the\n
 * structure of the control, and does its best to match the values to the correct\n
 * controls in the group.\n
 * It accepts both super-sets and sub-sets of the array without throwing an
error.\n
 * @usageNotes\n
 * ### Patch the values for controls in a form array\n
 * \n
 * \n
 * const arr = new FormArray([\n
 * new FormControl(),\n
 * new FormControl()\n
 *]);\n
 * console.log(arr.value); // [null, null]\n
 * \n
 * arr.patchValue(['Nancy']);\n
 * \n
 * console.log(arr.value); // ['Nancy', null]\n
 * \n
 * \n
 * @param value Array of latest values for the
controls\n
 * @param options Configure options that determine how the control propagates changes and\n
 * emits events after the value changes\n
 * \n
 * * `onlySelf`: When true, each change only affects this
control, and not its parent. Default\n
 * is false.\n
 * * `emitEvent`: When true or not supplied (the default),
both the `statusChanges` and\n
 * `valueChanges`\n
 * observables emit events with the latest status and
value when the control value is updated.\n
 * When false, no events are emitted.\n
 * The configuration
options are passed to the {@link AbstractControl#updateValueAndValidity\n
 * updateValueAndValidity}
method.\n
 * \n
 * FormArray.prototype.patchValue = function (value, options) {\n
 * var _this = this;\n
 * if (options === void 0) { options = {}; }\n
 * value.forEach(function (newValue, index) {\n
 * if
(_this.at(index)) {\n
 * _this.at(index).patchValue(newValue, { onlySelf: true, emitEvent:
options.emitEvent });\n
 * });\n
 * });\n
 * this.updateValueAndValidity(options);\n
 * });\n
 * /**\n
 * Resets the `FormArray` and all descendants are marked `pristine` and `untouched`, and the\n
 * value of
all descendants to null or null maps.\n
 * \n
 * You reset to a specific form state by passing in an array of
states\n
 * that matches the structure of the control. The state is a standalone value\n
 * or a form state
object with both a value and a disabled status.\n
 * \n
 * @usageNotes\n
 * ### Reset the values in a
form array\n
 * \n
 * \n
 * \n
 * const arr = new FormArray([\n
 * new FormControl(),\n
 * \n
 * new FormControl()\n
 *]);\n
 * arr.reset(['name', 'last name']);\n
 * \n
 * console.log(this.arr.value);
// ['name', 'last name']\n
 * \n
 * \n
 * \n
 * ### Reset the values in a form array and the disabled status for
the first control\n
 * \n
 * \n
 * \n
 * this.arr.reset([\n
 * { value: 'name', disabled: true },\n
 * \n
 * 'last'\n
 *]);\n
 * \n
 * console.log(this.arr.value); // ['name', 'last name']\n
 * \n
 * console.log(this.arr.get(0).status); // 'DISABLED'\n
 * \n
 * \n
 * \n
 * @param value Array of values for
the controls\n
 * @param options Configure options that determine how the control propagates changes and\n
 * emits events after the value changes\n
 * \n
 * * `onlySelf`: When true, each change only affects this
control, and not its parent. Default\n
 * is false.\n
 * * `emitEvent`: When true or not supplied (the default),
both the `statusChanges` and\n
 * `valueChanges`\n
 * observables emit events with the latest status and
value when the control is reset.\n
 * When false, no events are emitted.\n
 * The configuration options are
passed to the {@link AbstractControl#updateValueAndValidity\n
 * updateValueAndValidity} method.\n
 * \n
 * FormArray.prototype.reset = function (value, options) {\n
 * if (value === void 0) { value = []; }\n
 * if (options === void 0) { options = {}; }\n
 * this._forEachChild(function (control, index) {\n
 * control.reset(value[index], { onlySelf: true, emitEvent: options.emitEvent });\n
 * });\n
 * this._updatePristine(options);\n
 * this._updateTouched(options);\n
 * this.updateValueAndValidity(options);\n
 * });\n
 * /**\n
 * The aggregate value of the array, including any
disabled controls.\n
 * \n
 * Reports all values regardless of disabled status.\n
 * For enabled controls
only, the `value` property is the best way to get the value of the array.\n
 * \n
 * \n
 * FormArray.prototype.getRawValue = function () {\n
 * return this.controls.map(function (control) {\n
 * return control instanceof FormControl ? control.value : control.getRawValue();\n
 * });\n
 * });\n
 * /**\n
 * Remove all controls in the `FormArray`.\n
 * \n
 * @usageNotes\n
 * ### Remove all elements from a
FormArray\n
 * \n
 * \n
 * \n
 * \n
 * const arr = new FormArray([\n
 * new FormControl(),\n
 * \n
 * new FormControl()\n
 *]);\n
 * console.log(arr.length); // 2\n
 * \n
 * \n
 * \n
 * arr.clear();\n
 * \n
 * console.log(arr.length); // 0\n
 * \n
 * \n
 * \n
 * \n
 * \n
 * It's a simpler and more efficient alternative to removing
all elements one by one:\n
 * \n
 * \n
 * \n
 * \n
 * \n
 * const arr = new FormArray([\n
 * new

```

```

FormControl(),\n * new FormControl()\n * });\n *\n * while (arr.length) {\n *\n * arr.removeAt(0);\n * }\n *```\n *^\n * FormArray.prototype.clear = function () {\n * if\n * (this.controls.length < 1)\n * return;\n * this._forEachChild(function (control) { return\n * control._registerOnCollectionChange(function () { }); });\n * this.controls.splice(0);\n * this.updateValueAndValidity();\n * });\n * /** @internal */\n * FormArray.prototype._syncPendingControls\n * = function () {\n * var subtreeUpdated = this.controls.reduce(function (updated, child) {\n * return\n * child._syncPendingControls() ? true : updated;\n * }, false);\n * if (subtreeUpdated)\n * this.updateValueAndValidity({ onlySelf: true });\n * return subtreeUpdated;\n * });\n * /** @internal */\n * FormArray.prototype._throwIfControlMissing = function (index) {\n * if (!this.controls.length) {\n * throw new Error(`\n * There are no form controls registered with this array yet. If you're using ngModel,\n * you may want to check next tick (e.g. use setTimeout).\n * `);\n * }\n * if (!this.at(index)) {\n * throw new Error("Cannot find form control at index `" + index);\n * });\n * /** @internal */\n * FormArray.prototype._forEachChild = function (cb) {\n * this.controls.forEach(function (control, index) {\n * cb(control, index); });\n * });\n * /** @internal */\n * FormArray.prototype._updateValue = function () {\n * var _this = this;\n * this.value =\n * this.controls.filter(function (control) { return control.enabled ||\n * _this.disabled; })\n * .map(function (control) { return control.value; });\n * });\n * /** @internal */\n * FormArray.prototype._anyControls = function (condition) {\n * return this.controls.some(function (control)\n * { return control.enabled && condition(control); });\n * });\n * /** @internal */\n * FormArray.prototype._setUpControls = function () {\n * var _this = this;\n * this._forEachChild(function\n * (control) { return _this._registerControl(control); });\n * });\n * /** @internal */\n * FormArray.prototype._checkAllValuesPresent = function (value) {\n * this._forEachChild(function (control, i)\n * {\n * if (value[i] === undefined) {\n * throw new Error("Must supply a value for form control at\n * index: `" + i + `".");\n * }\n * });\n * });\n * /** @internal */\n * FormArray.prototype._allControlsDisabled = function () {\n * var e_2, _a;\n * try {\n * for (var _b\n * = __values(this.controls), _c = _b.next(); !_c.done; _c = _b.next()) {\n * var control = _c.value;\n * if (control.enabled)\n * return false;\n * }\n * } catch (e_2_1) { e_2 = { error:\n * e_2_1 }; }\n * finally {\n * try {\n * if (_c && !_c.done && (_a = _b.return)) _a.call(_b);\n * }\n * finally { if (e_2) throw e_2.error; }\n * }\n * return this.controls.length > 0 ||\n * this.disabled;\n * });\n * FormArray.prototype._registerControl = function (control) {\n * control.setParent(this);\n * control._registerOnCollectionChange(this._onCollectionChange);\n * });\n * return FormArray;\n * } (AbstractControl));\n *\n * **\n * * @license\n * * Copyright Google Inc. All Rights\n * Reserved.\n * * Use of this source code is governed by an MIT-style license that can be\n * * found in the\n * LICENSE file at https://angular.io/license\n *^\n * var formDirectiveProvider = {\n * provide:\n * ControlContainer,\n * useExisting: core.forwardRef(function () { return NgForm; })\n * });\n * var 0 = function ()\n * { return Promise.resolve(null); }\n * var resolvedPromise = (0)();\n * /**\n * * @description\n * * Creates a top-\n * level `FormGroup` instance and binds it to a form\n * * to track aggregate form value and validation status.\n * *\n * * As soon as you import the `FormsModule`, this directive becomes active by default on\n * * all `` tags.\n * *\n * * You don't need to add a special selector.\n * *\n * * You optionally export the directive into a local template\n * variable using `ngForm` as the key\n * * (ex: `#myForm="ngForm"`). This is optional, but useful. Many\n * properties from the underlying\n * * `FormGroup` instance are duplicated on the directive itself, so a reference to\n * it\n * * gives you access to the aggregate value and validity status of the form, as well as\n * * user interaction\n * properties like `dirty` and `touched`.\n * *\n * * To register child controls with the form, use `NgModel` with a\n * `name`\n * * attribute. You may use `NgModelGroup` to create sub-groups within the form.\n * *\n * * If\n * necessary, listen to the directive's `ngSubmit` event to be notified when the user has\n * * triggered a form\n * submission. The `ngSubmit` event emits the original form\n * * submission event.\n * *\n * * In template driven\n * forms, all `` tags are automatically tagged as `NgForm`.\n * *\n * * To import the `FormsModule` but skip its\n * usage in some forms,\n * * for example, to use native HTML5 validation, add the `ngNoForm` and the ``\n * *\n * * tags won't create an `NgForm` directive. In reactive forms, using `ngNoForm` is\n * * unnecessary because the

```

```

`<form>` tags are inert. In that case, you would
 * refrain from using the `formGroup` directive.
 *
 * @usageNotes
 * ### Listening for form submission
 * The following example shows how to
capture the form values from the `ngSubmit` event.
 *
 * @example
forms/ts/simpleForm/simple_form_example.ts region='Component'}
 *
 * ### Setting the update options
 *
 * The following example shows you how to change the `updateOn` option from its default using
 *
 * ngFormOptions.
 *
 * ```html
 * <form [ngFormOptions]="{updateOn: 'blur'}">
 * <input
name="one" ngModel>
 * <!-- this ngModel will update on blur -->
 * </form>
 * ```
 *
 * ### Native
DOM validation UI
 *
 * In order to prevent the native DOM form validation UI from interfering with
Angular's form
 * validation, Angular automatically adds the `novalidate` attribute on any `<form>` whenever
 *
 * `FormModule` or `ReactiveFormModule` are imported into the application.
 *
 * If you want to explicitly
enable native DOM validation UI with Angular forms, you can add the
 *
 * `ngNativeValidate` attribute to the
`<form>` element:
 *
 * ```html
 * <form ngNativeValidate>
 * ...
 * </form>
 * ```
 *
 * @ngModule FormsModule
 * @publicApi
 *
 * \n
var NgForm = /** @class */ (function (_super) {
__extends(NgForm, _super);
function NgForm(validators, asyncValidators) {
var _this =
_super.call(this) || this;
/**
 * @description
 * Returns whether the form submission has
been triggered.
 */
_this.submitted = false;
_this._directives = [];
/**
 *
 * @description
 * Event emitter for the `ngSubmit` event
 */
_this.ngSubmit = new
core.EventEmitter();
_this.form =
new FormGroup({}, composeValidators(validators),
composeAsyncValidators(asyncValidators));
return _this;
}
/**
 * @description
 * Lifecycle method called after the view is initialized. For internal use only.
 */
NgForm.prototype.ngAfterViewInit = function () {
this._setUpdateStrategy();
};
Object.defineProperty(NgForm.prototype, 'formDirective', {
/**
 * @description
 * The
directive instance.
 */
get: function () {
return this;
},
enumerable: true,
configurable: true
});
Object.defineProperty(NgForm.prototype, 'control', {
/**
 *
 * @description
 * The internal `FormGroup` instance.
 */
get: function () {
return this.form;
},
enumerable: true,
configurable: true
});
Object.defineProperty(NgForm.prototype,
'path', {
/**
 * @description
 * Returns an array representing the path to this group.
Because this directive
 * always lives at the top level of a form, it is always an empty array.
 */
get: function () {
return [];
},
enumerable: true,
configurable: true
});
Object.defineProperty(NgForm.prototype, 'controls', {
/**
 * @description
 * Returns a
map of the controls in this group.
 */
get: function () {
return this.form.controls;
},
enumerable: true,
configurable: true
});
/**
 * @description
 * Method that sets up
the control directive in this group, re-calculates its value
 * and validity, and adds the instance to the internal
list of directives.
 */
@param dir The `NgModel` directive instance.
NgForm.prototype.addControl = function (dir) {
var _this = this;
resolvedPromise.then(function ()
{
var container = _this._findContainer(dir.path);
dir.control =
container.registerControl(dir.name, dir.control);
setUpControl(dir.control, dir);
dir.control.updateValueAndValidity({ emitEvent: false });
_this._directives.push(dir);
});
/**
 * @description
 * Retrieves the `FormControl` instance from the provided `NgModel`
directive.
 */
@param dir The `NgModel` directive instance.
NgForm.prototype.getControl = function (dir) {
return this.form.get(dir.path);
};
/**
 * @description
 * Removes the `NgModel` instance from the internal list of directives
 */
@param dir The
`NgModel` directive instance.
NgForm.prototype.removeControl = function (dir) {
var _this
= this;
resolvedPromise.then(function () {
var container = _this._findContainer(dir.path);
if (container) {
container.removeControl(dir.name);
}
removeDir(_this._directives, dir);
});
/**
 * @description
 * Adds a new
`NgModelGroup` directive instance to the form.
 */
@param dir The `NgModelGroup` directive
instance.
NgForm.prototype.addFormGroup = function (dir) {
var _this = this;

```

```

resolvedPromise.then(function () {
 var container = _this._findContainer(dir.path);
 var group = new FormGroup({});
 setUpFormContainer(group, dir);
 container.registerControl(dir.name, group);
 group.updateValueAndValidity({ emitEvent: false });
});
/**
 * @description
 * Removes the `NgModelGroup` directive instance from the form.
 * @param dir The `NgModelGroup` directive instance.
 */
NgForm.prototype.removeFormGroup = function (dir) {
 var _this = this;
 resolvedPromise.then(function () {
 var container = _this._findContainer(dir.path);
 if (container) {
 container.removeControl(dir.name);
 }
 });
};
/**
 * @description
 * Retrieves the `FormGroup` for a provided `NgModelGroup` directive instance.
 * @param dir The `NgModelGroup` directive instance.
 */
NgForm.prototype.getFormGroup = function (dir) {
 return this.form.get(dir.path);
};
/**
 * Sets the new value for the provided `NgControl` directive instance.
 * @param dir The `NgControl` directive instance.
 * @param value The new value for the directive's control.
 */
NgForm.prototype.updateModel = function (dir, value) {
 var _this = this;
 resolvedPromise.then(function () {
 var ctrl = _this.form.get(dir.path);
 ctrl.setValue(value);
 });
};
/**
 * @description
 * Sets the value for this `FormGroup`.
 * @param value The new value.
 */
NgForm.prototype.setValue = function (value) {
 this.control.setValue(value);
};
/**
 * @description
 * Method called when the `"submit"` event is triggered on the form.
 * Triggers the `ngSubmit` emitter to emit the `"submit"` event as its payload.
 * @param $event The `"submit"` event object.
 */
NgForm.prototype.onSubmit = function ($event) {
 this.submitted = true;
 syncPendingControls(this.form, this._directives);
 this.ngSubmit.emit($event);
 return false;
};
/**
 * @description
 * Method called when the `"reset"` event is triggered on the form.
 */
NgForm.prototype.onReset = function () {
 this.resetForm();
};
/**
 * @description
 * Resets the form to an initial value and resets its submitted status.
 * @param value The new value for the form.
 */
NgForm.prototype.resetForm = function (value) {
 if (value === void 0) {
 value = undefined;
 }
 this.form.reset(value);
 this.submitted = false;
};
NgForm.prototype._setUpdateStrategy = function () {
 if (this.options && this.options.updateOn != null) {
 this.form._updateOn = this.options.updateOn;
 }
};
/** @internal */
NgForm.prototype._findContainer = function (path) {
 path.pop();
 return path.length ? this.form.get(path) : this.form;
};
__decorate([
 core.Input('ngFormOptions'),
 __metadata({"design:type", Object})
],
NgForm.prototype, 'options', void 0);
NgForm = __decorate([
 core.Directive({
 selector: 'form:not([ngNoForm]):not([formGroup]),ng-form,[ngForm]',
 providers: [formDirectiveProvider],
 host: { '(submit)': 'onSubmit($event)', '(reset)': 'onReset()' },
 outputs: ['ngSubmit']
 }),
 __param(0, core.Optional()),
 __param(0, core.Self()),
 __param(0, core.Inject(NG_VALIDATORS)),
 __param(1, core.Optional()),
 __param(1, core.Self()),
 __param(1, core.Inject(NG_ASYNC_VALIDATORS)),
 __metadata("design:paramtypes", [Array, Array])
],
NgForm);
return NgForm;
})(ControlContainer);
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license
 */
/**
 * @description
 * A base class for code shared between the `NgModelGroup` and `FormGroupName` directives.
 * @publicApi
 */
var AbstractFormGroupDirective = /** @class */ (function (_super) {
 __extends(AbstractFormGroupDirective, _super);
 function AbstractFormGroupDirective() {
 return _super !== null && _super.apply(this, arguments) || this;
 }
 /**
 * @description
 * An internal callback method triggered on the instance after the inputs are set.
 * Registers the group with its parent group.
 */
 AbstractFormGroupDirective.prototype.ngOnInit = function () {
 this._checkParentType();
 this.formDirective.addFormGroup(this);
 };
 /**
 * @description
 * An internal callback method triggered before the instance is destroyed.
 * Removes the group from its parent group.
 */
 AbstractFormGroupDirective.prototype.ngOnDestroy = function () {

```

```

 if (this.formDirective) {\n this.formDirective.removeFormGroup(this);\n }\n};\n
Object.defineProperty(AbstractFormGroupDirective.prototype, 'control', {\n /**\n * @description\n * The `FormGroup` bound to this directive.\n */\n get: function () { return\nthis.formDirective.getFormGroup(this); },\n enumerable: true,\n configurable: true\n});\n
Object.defineProperty(AbstractFormGroupDirective.prototype, 'path', {\n /**\n * @description\n * The path to this group from the top-level directive.\n */\n get: function () {\n return\n controlPath(this.name == null ? this.name : this.name.toString(), this._parent);\n },\n enumerable:\ntrue,\n configurable: true\n});\n
Object.defineProperty(AbstractFormGroupDirective.prototype,\n'formDirective', {\n /**\n * @description\n * The top-level directive for this group if\npresent, otherwise null.\n */\n get: function () { return this._parent ? this._parent.formDirective : null;\n},\n enumerable: true,\n configurable: true\n});\n
Object.defineProperty(AbstractFormGroupDirective.prototype, 'validator', {\n /**\n *\n * @description\n * The synchronous validators registered with this group.\n */\n get: function ()\n{ return composeValidators(this._validators); },\n enumerable: true,\n configurable: true\n});\n
Object.defineProperty(AbstractFormGroupDirective.prototype, 'asyncValidator', {\n /**\n *\n * @description\n * The async validators registered with this group.\n */\n get: function () {\n return composeAsyncValidators(this._asyncValidators);\n },\n enumerable: true,\n configurable: true\n});\n
/** @internal */\nAbstractFormGroupDirective.prototype._checkParentType\n= function () {\n return AbstractFormGroupDirective;\n}(ControlContainer);\n
/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style\nlicense that can be\n * found in the LICENSE file at https://angular.io/license\n */\nvar\nTemplateDrivenErrors = /** @class */ (function () {\n function TemplateDrivenErrors() {\n }\n\n TemplateDrivenErrors.modelParentException = function () {\n throw new Error("\\n\n ngModel cannot be\nused to register form controls with a parent formGroup directive. Try using\n\n formGroup's partner directive\n\\\"formControlName\\\" instead. Example:\\n\n\n |\" + FormErrorExamples.formControlName + \"|\\n\n Or, if\nyou'd like to avoid registering this form control, indicate that it's standalone in ngModelOptions:\\n\n\n\n\n\n Example:\\n\n\n |\" + FormErrorExamples.ngModelWithFormGroup);\n };\n\n TemplateDrivenErrors.formGroupNameException = function () {\n throw new Error("\\n\n ngModel cannot\nbe used to register form controls with a parent formGroupName or formArrayName directive.\\n\n\n Option 1: Use\nformControlName instead of ngModel (reactive strategy):\\n\n\n |\" + FormErrorExamples.formGroupName +\n\\\"\\n\n\n Option 2: Update ngModel's parent be ngModelGroup (template-driven strategy):\\n\n\n |\" +\nFormErrorExamples.ngModelGroup);\n };\n\n TemplateDrivenErrors.missingNameException = function ()\n{\n throw new Error(\"If ngModel is used within a form tag, either the name attribute must be set or the\nform\n\n control must be defined as 'standalone' in ngModelOptions.\\n\n\n Example 1: <input\n[(ngModel)]=\\\"person.firstName\\\" name=\\\"first\\\">\\n\n Example 2: <input\n[(ngModel)]=\\\"person.firstName\\\" [ngModelOptions]=\\\"{standalone: true}\\\">\\n\n\n);\n };\n\n TemplateDrivenErrors.modelGroupParentException = function () {\n throw new Error("\\n\n\n ngModelGroup cannot be used with a parent formGroup directive.\\n\n\n Option 1: Use formGroupName instead\nof ngModelGroup (reactive strategy):\\n\n\n |\" + FormErrorExamples.formGroupName + \"|\\n\n\n Option 2:\nUse a regular form tag instead of the formGroup directive (template-driven strategy):\\n\n\n |\" +\nFormErrorExamples.ngModelGroup);\n };\n\n return TemplateDrivenErrors;\n}());\n
/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an\nMIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\nvar\nmodelGroupProvider = {\n provide: ControlContainer,\n useExisting: core.forwardRef(function () { return\nNgModelGroup; })\n};\n
/**\n * @description\n * Creates and binds a `FormGroup` instance to a DOM\nelement.\n * This directive can only be used as a child of `NgForm` (within `<form>` tags).\n * Use this directive to validate a sub-group of your form separately from the\n * rest of your form, or if some values\nin your domain model make more sense\n * to consume together in a nested object.\n * Provide a name

```

for the sub-group and it will become the key `ngModelGroup` for the sub-group in the form's full value. If you need direct access, export the directive into a local template variable using `ngModelGroup`` (ex:

```

`#myGroup="ngModelGroup`").
`@usageNotes`
`### Consuming controls in a grouping`
`The following example shows you how to combine controls together in a sub-group`
`of the form.`
`{@example forms/ts/ngModelGroup/ng_model_group_example.ts region='Component'}`
`@NgModule FormsModule`
`@publicApi`
`var NgModelGroup = /** @class */ (function (_super) {
 __extends(NgModelGroup, _super);
 function NgModelGroup(parent, validators, asyncValidators) {
 var _this = _super.call(this) || this;
 _this._parent = parent;
 _this._validators = validators;
 _this._asyncValidators = asyncValidators;
 return _this;
 }
 NgModelGroup.prototype._checkParentType = function () {
 if (!(this._parent instanceof NgModelGroup_1) && !(this._parent instanceof NgForm)) {
 TemplateDrivenErrors.modelGroupParentException();
 }
 };
 var NgModelGroup_1;
 __decorate([
 core.Input('ngModelGroup`'),
 __metadata({"design:type": String})
], NgModelGroup.prototype, "name", void 0);
 NgModelGroup = NgModelGroup_1 = __decorate([
 core.Directive({ selector: '[ngModelGroup]', providers: [modelGroupProvider], exportAs: 'ngModelGroup' }),
 __param(0, core.Host()),
 __param(0, core.SkipSelf()),
 __param(1, core.Optional()),
 __param(1, core.Self()),
 __param(1, core.Inject(NG_VALIDATORS)),
 __param(2, core.Optional()),
 __param(2, core.Self()),
 __param(2, core.Inject(NG_ASYNC_VALIDATORS)),
 __metadata({"design:paramtypes": [ControlContainer, Array, Array]}),
 NgModelGroup
])(AbstractFormGroupDirective);
 /**
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at
 * https://angular.io/license
 * var FormControlBinding = {
 * provide: NgControl,
 * useExisting: core.forwardRef(function () { return NgModel; })
 * };
 * var O$1 = function () { return Promise.resolve(null); };
 * `ngModel` forces an additional change detection run when its inputs change:
 * E.g.:
 * ``
 * <div>{{ myModel.valid }}</div>
 * <input [(ngModel)]="myValue" #myModel="ngModel">
 * ``
 * I.e. `ngModel` can export itself on the element and then be used in the template.
 * Normally, this would result in expressions before the `input` that use the exported directive to have and old value as they have been
 * dirty checked before. As this is a very common case for `ngModel`, we added this second change
 * detection run.
 * Notes:
 * - this is just one extra run no matter how many `ngModel` have been changed.
 * - this is a general problem when using `exportAs` for directives!
 * var resolvedPromise$1 = (O$1)();
 * @description
 * Creates a `FormControl` instance from a domain model and binds it to a form control element.
 * The `FormControl` instance tracks the value, user interaction, and validation status of the control and keeps the view synced with the model. If used within a parent form, the directive also registers itself with the form as a child control.
 * This directive is used by itself or as part of a larger form. Use the `ngModel` selector to activate it.
 * It accepts a domain model as an optional `Input`. If you have a one-way binding to `ngModel` with `[]` syntax, changing the value of the domain model in the component class sets the value in the view. If you have a two-way binding with `[]` syntax (also known as 'banana-box syntax'), the value in the UI always syncs back to the domain model in your class.
 * To inspect the properties of the associated `FormControl` (like validity state), export the directive into a local template variable using `ngModel` as the key (ex: `#myVar="ngModel`"). You then access the control using the directive's `control` property, but most properties used (like `valid` and `dirty`) fall through to the control anyway for direct access.
 * See a full list of properties directly available in `AbstractControlDirective`.
 * @see `RadioControlValueAccessor`
 * @see `SelectControlValueAccessor`
 * @usageNotes
 * ### Using ngModel on a standalone control
 * The following examples show a simple standalone control using `ngModel`:
 * {@example forms/ts/simpleNgModel/simple_ng_model_example.ts region='Component'}
 * When using the `ngModel` within `` tags, you'll also need to supply a `name` attribute so that the control can be registered with the parent form under that name.
 * In the context of a parent form, it's often unnecessary

```

to include one-way or two-way binding, as the parent form syncs the value for you. You access its properties by exporting it into a local template variable using `ngForm` such as (`#f="ngForm"`). Use the variable where needed on form submission. If you do need to populate initial values into your form, using a one-way binding for `ngModel` tends to be sufficient as long as you use the exported form's value rather than the domain model's value on submit. ### Using ngModel within a form The following example shows controls using `ngModel` within a form: @example forms/ts/simpleForm/simple\_form\_example.ts region='Component' ### Using a standalone ngModel within a group The following example shows you how to use a standalone ngModel control within a form. This controls the display of the form, but doesn't contain form data. html <form> <input name="login" ngModel placeholder="Login"> <input type="checkbox" ngModel [ngModelOptions]="{standalone: true}"> Show more options? </form> <!-- form value: {login: " } --> ### Setting the ngModel name attribute through options The following example shows you an alternate way to set the name attribute. The name attribute is used within a custom form component, and the name `@Input` property serves a different purpose. html <form> <my-person-control name="Nancy" ngModel [ngModelOptions]="{name: 'user'}"> </my-person-control> <!-- form value: {user: " } --> @ngModule FormsModule @publicApi var NgModel = /\*\* @class \*/ (function (\_super) { \_\_extends(NgModel, \_super); function NgModel(parent, validators, asyncValidators, valueAccessors) { var \_this = \_super.call(this) || this; \_this.control = new FormControl(); /\*\* @internal \*/ \_this.\_registered = false; /\*\* @description \* Event emitter for producing the `ngModelChange` event after the view model updates. \*/ \_this.update = new core.EventEmitter(); \_this.\_parent = parent; \_this.\_rawValidators = validators || []; \_this.\_rawAsyncValidators = asyncValidators || []; \_this.valueAccessor = selectValueAccessor(\_this, valueAccessors); return \_this; } /\*\* @description \* A lifecycle method called when the directive's inputs change. For internal use only. \* @param changes A object of key/value pairs for the set of changed inputs. \*/ NgModel.prototype.ngOnChanges = function (changes) { this.\_checkForErrors(); if (!this.\_registered) this.\_setUpControl(); if ('isDisabled' in changes) { this.\_updateDisabled(changes); } if (isPropertyUpdated(changes, this.viewModel)) { this.\_updateValue(this.model); this.viewModel = this.model; } }; /\*\* @description \* Lifecycle method called before the directive's instance is destroyed. For internal use only. \*/ NgModel.prototype.ngOnDestroy = function () { this.formDirective && this.formDirective.removeControl(this); }; Object.defineProperty(NgModel.prototype, 'path', { /\*\* @description \* Returns an array that represents the path from the top-level form to this control. \* Each index is the string name of the control on that level. \*/ get: function () { return this.\_parent ? controlPath(this.name, this.\_parent) : [this.name]; }, enumerable: true, configurable: true }); Object.defineProperty(NgModel.prototype, 'formDirective', { /\*\* @description \* The top-level directive for this control if present, otherwise null. \*/ get: function () { return this.\_parent ? this.\_parent.formDirective : null; }, enumerable: true, configurable: true }); Object.defineProperty(NgModel.prototype, 'validator', { /\*\* @description \* Synchronous validator function composed of all the synchronous validators registered with this directive. \*/ get: function () { return composeValidators(this.\_rawValidators); }, enumerable: true, configurable: true }); Object.defineProperty(NgModel.prototype, 'asyncValidator', { /\*\* @description \* Async validator function composed of all the async validators registered with this directive. \*/ get: function () { return composeAsyncValidators(this.\_rawAsyncValidators); }, enumerable: true, configurable: true }); /\*\* @description \* Sets the new value for the view model and emits an `ngModelChange` event. \* @param newValue The new value emitted by `ngModelChange`. \*/ NgModel.prototype.viewToModelUpdate = function (newValue) { this.viewModel = newValue; };

```

 this.update.emit(new Value);
 };
 NgModel.prototype._setUpControl = function () {
 this._setUpUpdateStrategy();
 this._isStandalone() ? this._setUpStandalone() :
 this.formDirective.addControl(this);
 this._registered = true;
 };
 NgModel.prototype._setUpUpdateStrategy = function () {
 if (this.options && this.options.updateOn != null)
 {
 this.control._updateOn = this.options.updateOn;
 }
 };
 NgModel.prototype._isStandalone = function () {
 return !this._parent || !(this.options &&
 this.options.standalone);
 };
 NgModel.prototype._setUpStandalone = function () {
 setUpControl(this.control, this);
 this.control.updateValueAndValidity({ emitEvent: false });
 };
 NgModel.prototype._checkForErrors = function () {
 if (!this._isStandalone()) {
 this._checkParentType();
 }
 this._checkName();
 };
 NgModel.prototype._checkParentType = function () {
 if (!(this._parent instanceof NgModelGroup) &&
 this._parent instanceof AbstractFormGroupDirective) {
 TemplateDrivenErrors.formGroupNameException();
 }
 else if (!(this._parent instanceof
 NgModelGroup) && !(this._parent instanceof NgForm)) {
 TemplateDrivenErrors.modelParentException();
 }
 };
 NgModel.prototype._checkName =
 function () {
 if (this.options && this.options.name)
 this.name = this.options.name;
 if
 (!this._isStandalone() && !this.name)
 TemplateDrivenErrors.missingNameException();
 };
 NgModel.prototype._updateValue = function (value) {
 var _this = this;
 resolvedPromise$1.then(function () {
 _this.control.setValue(value, { emitViewToModelChange: false });
 });
 };
 NgModel.prototype._updateDisabled = function (changes) {
 var _this = this;
 var
 disabledValue = changes['isDisabled'].currentValue;
 var isDisabled = disabledValue === " ||
 (disabledValue && disabledValue !== 'false');
 resolvedPromise$1.then(function () {
 if
 (isDisabled && !_this.control.disabled) {
 _this.control.disable();
 }
 else if
 (!isDisabled && _this.control.disabled) {
 _this.control.enable();
 }
 });
 };
 __decorate([
 core.Input(),
 __metadata({"design:type", String})
], NgModel.prototype,
 "name", void 0);
 __decorate([
 core.Input('disabled'),
 __metadata({"design:type",
 Boolean})
], NgModel.prototype, "isDisabled", void 0);
 __decorate([
 core.Input('ngModel'),
 __metadata({"design:type", Object})
], NgModel.prototype, "model", void 0);
 __decorate([
 core.Input('ngModelOptions'),
 __metadata({"design:type", Object})
], NgModel.prototype,
 "options", void 0);
 __decorate([
 core.Output('ngModelChange'),
 __metadata({"design:type", Object})
], NgModel.prototype, "update", void 0);
 NgModel =
 __decorate([
 core.Directive({
 selector:
 '[ngModel]:not([formControlName]):not([formControl])',
 providers: [formControlBinding],
 exportAs: 'ngModel'
 }),
 __param(0, core.Optional()),
 __param(0, core.Host()),
 __param(1, core.Optional()),
 __param(1, core.Self()),
 __param(1, core.Inject(NG_VALIDATORS)),
 __param(2, core.Optional()),
 __param(2, core.Self()),
 __param(2, core.Inject(NG_ASYNC_VALIDATORS)),
 __param(3, core.Optional()),
 __param(3, core.Self()),
 __param(3, core.Inject(NG_VALUE_ACCESSOR)),
 __metadata({"design:paramtypes", [ControlContainer,
 Array,
 Array,
 Array]})
],
 NgModel);
 return NgModel;
})(NgControl);
/**
 * @license
 * Copyright Google Inc. All
 Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be
 found
 in the LICENSE file at https://angular.io/license
 */
/**
 * @description
 * Adds `novalidate`
 attribute to all forms by default.
 * `novalidate` is used to disable browser's native form validation.
 * If you want to use native validation with Angular forms, just add `ngNativeValidate`
 attribute:
 * ``
 * <form ngNativeValidate></form>
 * ``
 * @publicApi
 * @ngModule
 ReactiveFormsModule
 * @ngModule FormsModule
 */
var NgNoValidate = /** @class */ (function ()
{
 function NgNoValidate() {}
 NgNoValidate = __decorate([
 core.Directive({
 selector: 'form:not([ngNoForm]):not([ngNativeValidate])',
 host: { 'novalidate': " " },
 })
],
 NgNoValidate);
 return NgNoValidate;
})();
/**
 * @license
 * Copyright Google Inc. All

```



```

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 * Use of this source code is governed by an MIT-style license that can be\n
 * found in the LICENSE file at https://angular.io/license\n
 * Token to provide to turn off the ngModel\n
warning on FormControl and FormControlName.\n
 * var\n
NG_MODEL_WITH_FORM_CONTROL_WARNING = new\n
core.InjectionToken('NgModelWithFormControlWarning');\n
var FormControlBinding$1 = {\n
 provide:\n
 NgControl,\n
 useExisting: core.forwardRef(function () { return FormControlDirective; })\n
};\n
/**\n
 * @description\n
 * Syncs a standalone `FormControl` instance to a form control element.\n
 * @see\n
[Reactive Forms Guide](guide/reactive-forms)\n
 * @see `FormControl`\n
 * @see `AbstractControl`\n
 * @usageNotes\n
 * ### Registering a single form control\n
 * The following examples shows how\n
to register a standalone control and set its value.\n
 * { @example\n
forms/ts/simpleFormControl/simple_form_control_example.ts region='Component'}\n
 * ### Use with\n
ngModel\n
 * Support for using the `ngModel` input property and `ngModelChange` event with reactive\n
 * form directives has been deprecated in Angular v6 and will be removed in a future version\n
 * of Angular.\n
 * Now deprecated:\n
 * ```html\n
 * <input [formControl]="control" [(ngModel)]="value">\n
 * ```\n
 * ```ts\n
 * this.value = 'some value';\n
 * ```\n
 * This has been deprecated for a few\n
reasons. First, developers have found this pattern\n
 * confusing. It seems like the actual `ngModel` directive is\n
being used, but in fact it's\n
 * an input/output property named `ngModel` on the reactive form directive that\n
simply\n
 * approximates (some of) its behavior. Specifically, it allows getting/setting the value\n
 * and\n
intercepting value events. However, some of `ngModel`'s other features - like\n
 * delaying updates\n
with `ngModelOptions` or exporting the directive - simply don't work,\n
 * which has understandably caused some\n
confusion.\n
 * In addition, this pattern mixes template-driven and reactive forms strategies, which\n
 * we\n
generally don't recommend because it doesn't take advantage of the full benefits of\n
 * either strategy. Setting the\n
value in the template violates the template-agnostic\n
 * principles behind reactive forms, whereas adding a\n
`FormControl`/`FormGroup` layer in\n
 * the class removes the convenience of defining forms in the template.\n
 * To update your code before support is removed, you'll want to decide whether to stick\n
 * with reactive\n
form directives (and get/set values using reactive forms patterns) or\n
 * switch over to template-driven\n
directives.\n
 * After (choice 1 - use reactive forms):\n
 * ```html\n
 * <input\n
[formControl]="control">\n
 * ```\n
 * ```ts\n
 * this.control.setValue('some value');\n
 * ```\n
 * After (choice 2 - use template-driven forms):\n
 * ```html\n
 * <input [(ngModel)]="value">\n
 * ```\n
 * ```ts\n
 * this.value = 'some value';\n
 * ```\n
 * By default, when you use this pattern, you will\n
see a deprecation warning once in dev\n
 * mode. You can choose to silence this warning by providing a config\n
for\n
 * `ReactiveFormsModule` at import time:\n
 * ```ts\n
 * imports: [\n
 * ReactiveFormsModule.withConfig({ warnOnNgModelWithFormControl: 'never' });\n
 *]\n
 * ```\n
 * Alternatively, you can choose to surface a separate warning for each instance of this\n
 * pattern with a config\n
value of `"always"`. This may help to track down where in the code\n
 * the pattern is being used as the code is\n
being updated.\n
 * @ngModule ReactiveFormsModule\n
 * @publicApi\n
 * var\n
FormControlDirective = /** @class */ (function (_super) {\n
 __extends(FormControlDirective, _super);\n
 function FormControlDirective(validators, asyncValidators, valueAccessors, _ngModelWarningConfig) {\n
 var _this = _super.call(this) || this;\n
 _this._ngModelWarningConfig = _ngModelWarningConfig;\n
 /**\n
 * Instance property used to track whether an ngModel warning has been sent out for this\n
 * particular\n
 * `FormControlDirective` instance. Used to support warning config of "always".\n
 * @internal\n
 */\n
 _this._ngModelWarningSent = false;\n
 _this._rawValidators = validators || [];\n
 _this._rawAsyncValidators = asyncValidators || [];\n
 _this.valueAccessor = selectValueAccessor(_this,\n
valueAccessors);\n
 return _this;\n
 }\n
 FormControlDirective_1 = FormControlDirective;\n
 Object.defineProperty(FormControlDirective.prototype, "isDisabled", {\n
 /**\n
 * Triggers a warning that this input should not be used with reactive forms.\n
 */\n
 set: function\n
(isDisabled) { ReactiveErrors.disabledAttrWarning(); },\n
 enumerable: true,\n
 configurable: true\n

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});\n /**\n * @description\n * A lifecycle method called when the directive's inputs change. For\n internal use\n * only.\n *\n * @param changes A object of key/value pairs for the set of changed\n inputs.\n */\n FormControlDirective.prototype.ngOnChanges = function (changes) {\n if\n (this._isControlChanged(changes)) {\n setUpControl(this.form, this);\n if (this.control.disabled\n && this.valueAccessor.setDisabledState) {\n this.valueAccessor.setDisabledState(true);\n }\n this.form.updateValueAndValidity({ emitEvent: false });\n }\n if (isPropertyUpdated(changes,\n this.viewModel)) {\n _ngModelWarning('formControl', FormControlDirective_1, this,\n this._ngModelWarningConfig);\n this.form.setValue(this.model);\n this.viewModel =\n this.model;\n }\n }; \n Object.defineProperty(FormControlDirective.prototype, 'path', {\n /**\n * @description\n * Returns an array that represents the path from the top-level form to this\n control.\n * Each index is the string name of the control on that level.\n */\n get: function () {\n return []; },\n enumerable: true,\n configurable: true\n });\n Object.defineProperty(FormControlDirective.prototype, 'validators', {\n /**\n * @description\n * Synchronous validator function composed of all the synchronous validators\n registered with this\n directive.\n */\n get: function () {\n return composeValidators(this._rawValidators); },\n enumerable: true,\n configurable: true\n });\n Object.defineProperty(FormControlDirective.prototype, 'asyncValidator', {\n /**\n * @description\n * Async validator function composed of all the async validators registered with this\n * directive.\n */\n get: function () {\n return\n composeAsyncValidators(this._rawAsyncValidators);\n },\n enumerable: true,\n configurable:\n true\n });\n Object.defineProperty(FormControlDirective.prototype, 'control', {\n /**\n * @description\n * The `FormControl` bound to this directive.\n */\n get: function () {\n return\n this.form;\n },\n enumerable: true,\n configurable: true\n });\n /**\n * @description\n * Sets the new value for the view model and emits an `ngModelChange` event.\n * @param newValue\n The new value for the view model.\n */\n FormControlDirective.prototype.viewToModelUpdate = function\n (newValue) {\n this.viewModel = newValue;\n this.update.emit(newValue);\n }; \n FormControlDirective.prototype._isControlChanged = function (changes) {\n return\n changes.hasOwnProperty('form');\n }; \n var FormControlDirective_1;\n /**\n * @description\n * Static property used to track whether any ngModel warnings have been sent across\n * all instances of\n FormControlDirective. Used to support warning config of `once`.\n * @internal\n */\n FormControlDirective._ngModelWarningSentOnce = false;\n __decorate([\n core.Input('formControl'),\n __metadata("design:type", FormControl)\n], FormControlDirective.prototype, 'form', void 0);\n __decorate([\n core.Input('disabled'),\n __metadata("design:type", Boolean)\n], FormControlDirective.prototype, 'isDisabled', null);\n __decorate([\n core.Input('ngModel'),\n __metadata("design:type", Object)\n],\n FormControlDirective.prototype, 'model', void 0);\n __decorate([\n core.Output('ngModelChange'),\n __metadata("design:type", Object)\n], FormControlDirective.prototype, 'update', void 0);\n FormControlDirective = FormControlDirective_1 = __decorate([\n core.Directive({ selector: '[formControl]',\n providers: [formControlBinding$1, exportAs: 'ngForm' }]),\n __param(0, core.Optional()),\n __param(0,\n core.Self()),\n __param(0, core.Inject(NG_VALIDATORS)),\n __param(1, core.Optional()),\n __param(1,\n core.Self()),\n __param(1, core.Inject(NG_ASYNC_VALIDATORS)),\n __param(2, core.Optional()),\n __param(2, core.Self()),\n __param(2, core.Inject(NG_VALUE_ACCESSOR)),\n __param(3, core.Optional()),\n __param(3, core.Inject(NG_MODEL_WITH_FORM_CONTROL_WARNING)),\n __metadata("design:paramtypes", [Array,\n Array, Array, Object])\n], FormControlDirective);\n return FormControlDirective;\n }(NgControl));\n /**\n * @license\n * Copyright Google Inc. All Rights\n Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in the\n LICENSE file at https://angular.io/license\n */\n var formDirectiveProvider$1 = {\n provide:\n ControlContainer,\n useExisting: core.forwardRef(function () {\n return FormGroupDirective;\n })\n }; \n /**\n
```

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* @description\n * \n * Binds an existing `FormGroup` to a DOM element.\n * \n * This directive accepts
an existing `FormGroup` instance. It will then use this\n * `FormGroup` instance to match any child
`FormControl`, `FormGroup`,\n * and `FormArray` instances to child `FormControlName`, `FormGroupName`,\n
* and `FormArrayName` directives.\n * \n * @see [Reactive Forms Guide](guide/reactive-forms)\n * @see
`AbstractControl`\n * \n * ### Register Form Group\n * \n * The following example registers a
`FormGroup` with first name and last name controls,\n * and listens for the `ngSubmit` event when the button is
clicked.\n * \n * {@example forms/ts/simpleFormGroup/simple_form_group_example.ts
region='Component'}\n * \n * @ngModule ReactiveFormsModule\n * @publicApi\n */\n var
FormGroupDirective = /** @class */ (function (_super) {\n __extends(FormGroupDirective, _super);\n
function FormGroupDirective(_validators, _asyncValidators) {\n var _this = _super.call(this) || this;\n
_this._validators = _validators;\n _this._asyncValidators = _asyncValidators;\n /**\n *
@description\n * Reports whether the form submission has been triggered.\n */\n
_this.submitted = false;\n /**\n * @description\n * Tracks the list of added
`FormControlName` instances\n */\n _this.directives = [];\n /**\n * @description\n
* Tracks the `FormGroup` bound to this directive.\n */\n _this.form = null;\n /**\n *
@description\n * Emits an event when the form submission has been triggered.\n */\n
_this.ngSubmit = new core.EventEmitter();\n return _this;\n } \n /**\n * @description\n *
A lifecycle method called when the directive's inputs change. For internal use only.\n */\n * @param
changes A object of key/value pairs for the set of changed inputs.\n */\n
FormGroupDirective.prototype.ngOnChanges = function (changes) {\n this._checkFormPresent();\n if
(changes.hasOwnProperty('form')) {\n this._updateValidators();\n this._updateDomValue();\n
 this._updateRegistrations();\n } \n }; \n Object.defineProperty(FormGroupDirective.prototype,
'formDirective', {\n /**\n * @description\n * Returns this directive's instance.\n */\n
get: function () { return this; },\n enumerable: true,\n configurable: true \n }); \n
Object.defineProperty(FormGroupDirective.prototype, 'control', {\n /**\n * @description\n
* Returns the `FormGroup` bound to this directive.\n */\n get: function () { return this.form; },\n
enumerable: true,\n configurable: true \n }); \n Object.defineProperty(FormGroupDirective.prototype,
'path', {\n /**\n * @description\n * Returns an array representing the path to this group.
Because this directive\n * always lives at the top level of a form, it always an empty array.\n */\n
get: function () { return []; },\n enumerable: true,\n configurable: true \n }); \n /**\n *
@description\n * Method that sets up the control directive in this group, re-calculates its value\n * and
validity, and adds the instance to the internal list of directives.\n */\n * @param dir The
`FormControlName` directive instance.\n */\n FormGroupDirective.prototype.addControl = function (dir)
{\n var ctrl = this.form.get(dir.path);\n setUpControl(ctrl, dir);\n ctrl.updateValueAndValidity({
emitEvent: false });\n this.directives.push(dir);\n return ctrl;\n };\n /**\n *
@description\n * Retrieves the `FormControl` instance from the provided `FormControlName` directive\n
*/\n * @param dir The `FormControlName` directive instance.\n */\n
FormGroupDirective.prototype.getControl = function (dir) { return this.form.get(dir.path); }; \n /**\n *
@description\n * Removes the `FormControlName` instance from the internal list of directives\n */\n
* @param dir The `FormControlName` directive instance.\n */\n
FormGroupDirective.prototype.removeControl = function (dir) { removeDir(this.directives, dir); }; \n /**\n
* Adds a new `FormGroupName` directive instance to the form.\n */\n * @param dir The
`FormGroupName` directive instance.\n */\n FormGroupDirective.prototype.addFormGroup = function
(dir) {\n var ctrl = this.form.get(dir.path);\n setUpFormContainer(ctrl, dir);\n
ctrl.updateValueAndValidity({ emitEvent: false });\n }; \n /**\n * @description\n * No-op method to remove the form
group.\n */\n * @param dir The `FormGroupName` directive instance.\n */\n
FormGroupDirective.prototype.removeFormGroup = function (dir) { }; \n /**\n * @description\n
* Retrieves the `FormGroup` for a provided `FormGroupName` directive instance\n */\n * @param dir The

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`FormGroupName` directive instance.\n *^n FormGroupDirective.prototype.getFormGroup = function
(dir) { return this.form.get(dir.path); };^n /**^n * Adds a new `FormArrayName` directive instance to the
form.\n *^n * @param dir The `FormArrayName` directive instance.\n *^n
FormGroupDirective.prototype.addFormArray = function (dir) {\n var ctrl = this.form.get(dir.path);\n setUpFormContainer(ctrl, dir);\n ctrl.updateValueAndValidity({ emitEvent: false });\n };^n /**^n
* No-op method to remove the form array.\n *^n * @param dir The `FormArrayName` directive
instance.\n *^n FormGroupDirective.prototype.removeFormArray = function (dir) { };^n /**^n *
^n * @description\n * Retrieves the `FormArray` for a provided `FormArrayName` directive instance.\n *^n
* @param dir The `FormArrayName` directive instance.\n *^n
FormGroupDirective.prototype.getFormArray = function (dir) { return this.form.get(dir.path); };^n /**^n *
^n * Sets the new value for the provided `FormControlName` directive.\n *^n * @param dir The
`FormControlName` directive instance.\n * @param value The new value for the directive's control.\n *^n
FormGroupDirective.prototype.updateModel = function (dir, value) {\n var ctrl =
this.form.get(dir.path);\n ctrl.setValue(value);\n };^n /**^n * @description\n * Method
called with the `submit` event is triggered on the form.\n * Triggers the `ngSubmit` emitter to emit the
`submit` event as its payload.\n *^n * @param $event The `submit` event object\n *^n
FormGroupDirective.prototype.onSubmit = function ($event) {\n this.submitted = true;\n syncPendingControls(this.form, this.directives);\n this.ngSubmit.emit($event);\n return false;\n
};^n /**^n * @description\n * Method called when the `reset` event is triggered on the form.\n
*^n * @param $event The `reset` event object\n *^n
FormGroupDirective.prototype.onReset = function () { this.resetForm(); };^n /**^n *
^n * @description\n * Resets the form to an initial value and resets its submitted status.\n *^n
* @param value The new value for the form.\n *^n FormGroupDirective.prototype.resetForm = function (value) {\n
 if (value === void 0) { value = undefined; }\n this.form.reset(value);\n this.submitted = false;\n
};^n /**^n * @internal\n *^n FormGroupDirective.prototype._updateDomValue = function () {\n var _this
= this;\n this.directives.forEach(function (dir) {\n var newCtrl = _this.form.get(dir.path);\n
 if (dir.control !== newCtrl) {\n cleanUpControl(dir.control, dir);\n if (newCtrl)\n setUpControl(newCtrl, dir);\n dir.control = newCtrl;\n }\n });\n this.form._updateTreeValidity({ emitEvent: false });\n };^n
FormGroupDirective.prototype._updateRegistrations = function () {\n var _this = this;\n this.form._registerOnCollectionChange(function () { return _this._updateDomValue(); });\n if
(this._oldForm)\n this._oldForm._registerOnCollectionChange(function () { });\n this._oldForm =
this.form;\n };^n FormGroupDirective.prototype._updateValidators = function () {\n var sync =
composeValidators(this._validators);\n this.form.validator = Validators.compose([this.form.validator,
sync]);\n var async = composeAsyncValidators(this._asyncValidators);\n this.form.asyncValidator =
Validators.composeAsync([this.form.asyncValidator, async]);\n };^n
FormGroupDirective.prototype._checkFormPresent = function () {\n if (!this.form) {\n ReactiveErrors.missingFormException();\n }\n };^n __decorate([\n core.Input('formGroup'),\n
 __metadata("design:type", FormGroup)\n], FormGroupDirective.prototype, 'form', void 0);\n
 __decorate([\n core.Output(),\n __metadata("design:type", Object)\n],
FormGroupDirective.prototype, 'ngSubmit', void 0);\n FormGroupDirective = __decorate([\n core.Directive({\n selector: 'formGroup',\n providers: [formDirectiveProvider$1],\n
 host: { '(submit)': 'onSubmit($event)', '(reset)': 'onReset()' },\n exportAs: 'ngForm'\n }),\n
 __param(0, core.Optional()), __param(0, core.Self()), __param(0, core.Inject(NG_VALIDATORS)),\n
 __param(1, core.Optional()), __param(1, core.Self()), __param(1, core.Inject(NG_ASYNC_VALIDATORS)),\n
 __metadata("design:paramtypes", [Array, Array])\n], FormGroupDirective);\n return
FormGroupDirective; } (ControlContainer);^n /**^n * @license\n * Copyright Google Inc. All Rights
Reserved.\n *^n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n *^n var FormGroupNameProvider = {\n provide:

```

ControlContainer,\n useExisting: core.forwardRef(function () { return FormGroupName; })\n };\n /\*\*\n \* @description\n \*\n \* Syncs a nested `FormGroup` to a DOM element.\n \*\n \* This directive can only be used with a parent `FormGroupDirective`.\n \*\n \* It accepts the string name of the nested `FormGroup` to link, and\n \* looks for a `FormGroup` registered with that name in the parent\n \* `FormGroup` instance you passed into `FormGroupDirective`.\n \*\n \* Use nested form groups to validate a sub-group of a\n \* form separately from the rest or to group the values of certain\n \* controls into their own nested object.\n \*\n \* @see [Reactive Forms Guide](guide/reactive-forms)\n \*\n \* @usageNotes\n \*\n \* ### Access the group by name\n \*\n \* The following example uses the {@link AbstractControl#get get} method to access the\n \* associated `FormGroup`\n \*\n \* ```ts\n \* this.form.get('name');\n \* ```\n \*\n \* ### Access individual controls in the group\n \*\n \* The following example uses the {@link AbstractControl#get get} method to access\n \* individual controls within the group using dot syntax.\n \*\n \* ```ts\n \* this.form.get('name.first');\n \* ```\n \*\n \* ### Register a nested `FormGroup`.\n \*\n \* The following example registers a nested \*name\* `FormGroup` within an existing `FormGroup`,\n \* and provides methods to retrieve the nested `FormGroup` and individual controls.\n \*\n \* {@example forms/ts/nestedFormGroup/nested\_form\_group\_example.ts region='Component'}\n \*\n \* @ngModule ReactiveFormsModule\n \* @publicApi\n \* ^\n var FormGroupName = /\*\* @class \*/ (function (\_super) {\n \_\_extends(FormGroupName, \_super);\n function FormGroupName(parent, validators, asyncValidators) {\n var \_this = \_super.call(this) || this;\n \_this.\_parent = parent;\n \_this.\_validators = validators;\n \_this.\_asyncValidators = asyncValidators;\n return \_this;\n }\n /\*\* @internal \*/\n FormGroupName.prototype.\_checkParentType = function () {\n if (\_hasInvalidParent(this.\_parent)) {\n ReactiveErrors.groupParentException();\n }\n }; \n \_\_decorate([\n core.Input('formGroupName'),\n \_\_metadata({"design:type": Object})\n ], FormGroupName.prototype, "name", void 0);\n FormGroupName = \_\_decorate([\n core.Directive({ selector: '[formGroupName]', providers: [formGroupNameProvider] }),\n \_\_param(0, core.Optional()), \_\_param(0, core.Host()), \_\_param(0, core.SkipSelf()),\n \_\_param(1, core.Optional()), \_\_param(1, core.Self()), \_\_param(1, core.Inject(NG\_VALIDATORS)),\n \_\_param(2, core.Optional()), \_\_param(2, core.Self()), \_\_param(2, core.Inject(NG\_ASYNC\_VALIDATORS)),\n \_\_metadata({"design:paramtypes": [ControlContainer, Array, Array]})\n ], FormGroupName);\n return FormGroupName;\n })(AbstractFormGroupDirective);\n var formArrayNameProvider = {\n provide: ControlContainer,\n useExisting: core.forwardRef(function () { return FormArrayName; })\n };\n /\*\*\n \* @description\n \*\n \* Syncs a nested `FormArray` to a DOM element.\n \*\n \* This directive is designed to be used with a parent `FormGroupDirective` (selector:\n \* `[formGroup]`).\n \*\n \* It accepts the string name of the nested `FormArray` you want to link, and\n \* will look for a `FormArray` registered with that name in the parent\n \* `FormGroup` instance you passed into `FormGroupDirective`.\n \*\n \* @see [Reactive Forms Guide](guide/reactive-forms)\n \*\n \* @see `AbstractControl`\n \*\n \* @usageNotes\n \*\n \* ### Example\n \*\n \* {@example forms/ts/nestedFormArray/nested\_form\_array\_example.ts region='Component'}\n \*\n \* @ngModule ReactiveFormsModule\n \* @publicApi\n \* ^\n var FormArrayName = /\*\* @class \*/ (function (\_super) {\n \_\_extends(FormArrayName, \_super);\n function FormArrayName(parent, validators, asyncValidators) {\n var \_this = \_super.call(this) || this;\n \_this.\_parent = parent;\n \_this.\_validators = validators;\n \_this.\_asyncValidators = asyncValidators;\n return \_this;\n }\n /\*\*\n \* @description\n \*\n \* A lifecycle method called when the directive's inputs are initialized. For internal use only.\n \*\n \* @throws If the directive does not have a valid parent.\n \*\n \* ^\n FormArrayName.prototype.ngOnInit = function () {\n this.\_checkParentType();\n this.formDirective.addFormArray(this);\n }; \n /\*\*\n \* @description\n \*\n \* A lifecycle method called before the directive's instance is destroyed. For internal use only.\n \*\n \* ^\n FormArrayName.prototype.ngOnDestroy = function () {\n if (this.formDirective) {\n this.formDirective.removeFormArray(this);\n }\n }; \n Object.defineProperty(FormArrayName.prototype, "control", {\n /\*\*\n \* @description\n \*\n \* The `FormArray` bound to this directive.\n \*\n \* ^\n get: function () { return

```

this.formDirective.getFormArray(this); },\n enumerable: true,\n configurable: true\n });\n Object.defineProperty(FormArrayName.prototype, "formDirective", {\n /**\n * @description\n * The top-level directive for this group if present, otherwise null.\n */\n get: function () {\n return this._parent ? this._parent.formDirective : null;\n },\n enumerable: true,\n configurable: true\n });\n Object.defineProperty(FormArrayName.prototype, "path", {\n /**\n * @description\n * Returns an array that represents the path from the top-level form to this control.\n * Each index is the string name of the control on that level.\n */\n get: function () {\n return controlPath(this.name == null ? this.name : this.name.toString(), this._parent);\n },\n enumerable: true,\n configurable: true\n });\n Object.defineProperty(FormArrayName.prototype, "validator", {\n /**\n * @description\n * Synchronous validator function composed of all the synchronous validators registered with this\n * directive.\n */\n get: function () {\n return composeValidators(this._validators);\n },\n enumerable: true,\n configurable: true\n });\n Object.defineProperty(FormArrayName.prototype, "asyncValidator", {\n /**\n * @description\n * Async validator function composed of all the async validators registered with this directive.\n */\n get: function () {\n return composeAsyncValidators(this._asyncValidators);\n },\n enumerable: true,\n configurable: true\n });\n FormArrayName.prototype._checkParentType = function () {\n if (_hasInvalidParent(this._parent)) {\n ReactiveErrors.arrayParentException();\n }\n };
 __decorate([\n core.Input('formArrayName'),\n __metadata({"design:type", Object})\n], FormArrayName.prototype, "name", void 0);\n FormArrayName = __decorate([\n core.Directive({ selector: '[formArrayName]', providers: [formArrayNameProvider] }),\n __param(0, core.Optional()),\n __param(0, core.Host()),\n __param(0, core.SkipSelf()),\n __param(1, core.Optional()),\n __param(1, core.Self()),\n __param(1, core.Inject(NG_VALIDATORS)),\n __param(2, core.Optional()),\n __param(2, core.Self()),\n __param(2, core.Inject(NG_ASYNC_VALIDATORS)),\n __metadata({"design:paramtypes", [ControlContainer, Array, Array]})\n], FormArrayName);\n return FormArrayName;\n } (ControlContainer);\n function _hasInvalidParent(parent) {\n return !(parent instanceof FormGroupName) && !(parent instanceof FormGroupDirective) && !(parent instanceof FormArrayName);\n }\n /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at\n * https://angular.io/license\n *\n * var controlNameBinding = {\n * provide: NgControl,\n * useExisting: core.forwardRef(function () { return FormControlName; })\n * };
 /**\n * @description\n * Syncs a `FormControl` in an existing `FormGroup` to a form control\n * element by name.\n *\n * @see [Reactive Forms Guide](guide/reactive-forms)\n *\n * @see `FormControl`\n *\n * @see `AbstractControl`\n *\n * @usageNotes\n * ### Register `FormControl` within a group\n *\n * The following example shows how to register multiple form controls within a form group\n * and set their value.\n *\n * @example forms/ts/simpleFormGroup/simple_form_group_example.ts region='Component'\n *\n * To see `FormControlName` examples with different form control types, see:
 ** Radio buttons:
 `RadioControlValueAccessor`\n * * Selects: `SelectControlValueAccessor`\n *\n * ### Use with ngModel\n *\n * Support for using the `ngModel` input property and `ngModelChange` event with reactive\n * form directives has been deprecated in Angular v6 and will be removed in a future\n * version of Angular.\n *\n * Now deprecated:
  ```html\n   * <form [formGroup]="form">\n   *   <input formControlName="first" [(ngModel)]="value">\n   * </form>\n   * ```\n   *\n   * ts\n   * this.value = 'some value';\n   * ```\n   *\n   * This has been deprecated for a few reasons. First, developers have found this pattern\n   * confusing. It seems like the actual `ngModel` directive is being used, but in fact it's\n   * an input/output property named `ngModel` on the reactive form directive that simply\n   * approximates (some of) its behavior. Specifically, it allows getting/setting the value\n   * and intercepting value events. However, some of `ngModel`'s other features - like\n   * delaying updates with `ngModelOptions` or exporting the directive - simply don't work,\n   * which has understandably caused some confusion.\n   *\n   * In addition, this pattern mixes template-driven and reactive forms strategies, which\n   * we generally don't recommend because it doesn't take

```

advantage of the full benefits of either strategy. Setting the value in the template violates the template-agnostic principles behind reactive forms, whereas adding a `FormControl`/`FormGroup` layer in the class removes the convenience of defining forms in the template.

To update your code before support is removed, you'll want to decide whether to stick with reactive form directives (and get/set values using reactive forms patterns) or switch over to template-driven directives.

After (choice 1 - use reactive forms):

```

<form [formGroup]="form">
  <input formControlName="first">
</form>
this.form.get('first').setValue('some value');
  
```

After (choice 2 - use template-driven forms):

```

<input [(ngModel)]="value">
this.value = 'some value';
  
```

By default, when you use this pattern, you will see a deprecation warning once in dev mode. You can choose to silence this warning by providing a config for `ReactiveFormsModule` at import time:

```

imports: [
  ReactiveFormsModule.withConfig({warnOnNgModelWithFormControl: 'never'})
]
  
```

Alternatively, you can choose to surface a separate warning for each instance of this pattern with a config value of `"always"`. This may help to track down where in the code the pattern is being used as the code is being updated.

```

@ngModule ReactiveFormsModule
@publicApi
var
FormControlName = /** @class */ (function (_super) {
  __extends(FormControlName, _super);
  function FormControlName(parent, validators, asyncValidators, valueAccessors, _ngModelWarningConfig) {
    var _this = _super.call(this) || this;
    _this._ngModelWarningConfig = _ngModelWarningConfig;
    _this._added = false;
    /** @deprecated as of v6 */
    _this.update = new core.EventEmitter();
    /** @description Instance property used to track whether an ngModel warning has been sent out for this particular FormControlName instance. Used to support warning config of "always". */
    _this._internal;
    _this._ngModelWarningSent = false;
    _this._parent = parent;
    _this._rawValidators = validators || [];
    _this._rawAsyncValidators = asyncValidators || [];
    _this.valueAccessor = selectValueAccessor(_this, valueAccessors);
    return _this;
  }
  FormControlName_1 = FormControlName;
  Object.defineProperty(FormControlName.prototype, "isDisabled", {
    /** @description Triggers a warning that this input should not be used with reactive forms. */
    set: function (isDisabled) { ReactiveErrors.disabledAttrWarning(); },
    enumerable: true,
    configurable: true
  });
  /** @description A lifecycle method called when the directive's inputs change. For internal use only. */
  /** @param changes A object of key/value pairs for the set of changed inputs. */
  FormControlName.prototype.ngOnChanges = function (changes) {
    if (!this._added)
      this._setUpControl();
    if (isPropertyUpdated(changes, this.viewModel))
      _ngModelWarning('formControlName', FormControlName_1, this, this._ngModelWarningConfig);
    this.viewModel = this.model;
    this.formDirective.updateModel(this, this.model);
  };
  /** @description Lifecycle method called before the directive's instance is destroyed. For internal use only. */
  FormControlName.prototype.ngOnDestroy = function () {
    if (this.formDirective)
      this.formDirective.removeControl(this);
  };
  /** @description Sets the new value for the view model and emits an `ngModelChange` event. */
  /** @param newValue The new value for the view model. */
  FormControlName.prototype.viewToModelUpdate = function (newValue) {
    this.viewModel = newValue;
    this.update.emit(newValue);
  };
  Object.defineProperty(FormControlName.prototype, "path", {
    /** @description Returns an array that represents the path from the top-level form to this control. */
    /** Each index is the string name of the control on that level. */
    get: function () {
      return controlPath(this.name === null ? this.name : this.name.toString(), this._parent);
    },
    enumerable: true,
    configurable: true
  });
  Object.defineProperty(FormControlName.prototype, "formDirective", {
    /** @description The top-level directive for this group if present, otherwise null. */
    get: function () {
      return this._parent ? this._parent.formDirective : null;
    },
    enumerable: true,
    configurable: true
  });
  Object.defineProperty(FormControlName.prototype, "validator", {
  
```

```

/**\n
 * @description\n
 * Synchronous validator function composed of all the synchronous
validators\n
 * registered with this directive.\n
 */\n
 get: function () { return
composeValidators(this._rawValidators); },\n
 enumerable: true,\n
 configurable: true\n
 });\n
Object.defineProperty(FormControlName.prototype, \"asyncValidator\", {\n
 /**\n
 * @description\n
 * Async validator function composed of all the async validators registered with this\n
 * directive.\n
 */\n
 get: function () {\n
 return composeAsyncValidators(this._rawAsyncValidators);\n
 },\n
 enumerable: true,\n
 configurable: true\n
 });\n
 FormControlName.prototype._checkParentType =
function () {\n
 if (!(this._parent instanceof FormGroupName) &&\n
 this._parent instanceof
AbstractFormGroupDirective) {\n
 ReactiveErrors.ngModelGroupException();\n
 } else if
(!(this._parent instanceof FormGroupName) && !(this._parent instanceof FormGroupDirective) &&\n
!(this._parent instanceof FormArrayName)) {\n
 ReactiveErrors.controlParentException();\n
 }
};\n
 FormControlName.prototype._setUpControl = function () {\n
 this._checkParentType();\n
 this.control = this.formDirective.addControl(this);\n
 if (this.control.disabled &&
this.valueAccessor.setDisabledState) {\n
 this.valueAccessor.setDisabledState(true);\n
 }
this._added = true;\n
 };
 var FormControlName_1;\n
 /**\n
 * @description\n
 * Static
property used to track whether any ngModel warnings have been sent across\n
 * all instances of
FormControlName. Used to support warning config of \"once\".\n
 */\n
 * @internal\n
 */\n
 FormControlName._ngModelWarningSentOnce = false;\n
 __decorate([\n
core.Input('formControlName'),\n
 __metadata(\"design:type\", Object)\n
 ], FormControlName.prototype,
\"name\", void 0);\n
 __decorate([\n
core.Input('disabled'),\n
 __metadata(\"design:type\",
Boolean),\n
 __metadata(\"design:paramtypes\", [Boolean])\n
 ], FormControlName.prototype,
\"isDisabled\", null);\n
 __decorate([\n
core.Input('ngModel'),\n
 __metadata(\"design:type\",
Object)\n
 ], FormControlName.prototype, \"model\", void 0);\n
 __decorate([\n
core.Output('ngModelChange'),\n
 __metadata(\"design:type\", Object)\n
 ], FormControlName.prototype,
\"update\", void 0);\n
 FormControlName = FormControlName_1 = __decorate([\n
core.Directive({
selector: '[formControlName]', providers: [controlNameBinding] })),\n
 __param(0, core.Optional()),
__param(0, core.Host()), __param(0, core.SkipSelf()),\n
 __param(1, core.Optional()), __param(1,
core.Self()), __param(1, core.Inject(NG_VALIDATORS)),\n
 __param(2, core.Optional()), __param(2,
core.Self()), __param(2, core.Inject(NG_ASYNC_VALIDATORS)),\n
 __param(3, core.Optional()), __param(3,
core.Self()), __param(3, core.Inject(NG_VALUE_ACCESSOR)),\n
 __param(4, core.Optional()),
__param(4, core.Inject(NG_MODEL_WITH_FORM_CONTROL_WARNING)),\n
 __metadata(\"design:paramtypes\", [ControlContainer,\n
Array,\n
Array, Array, Object])\n
 ],
FormControlName);\n
 return FormControlName;\n
 })(NgControl);\n\n
/**\n
 * @license\n
 * Copyright
Google Inc. All Rights Reserved.\n
 * Use of this source code is governed by an MIT-style license that can
be\n
 * found in the LICENSE file at https://angular.io/license\n
 */\n\n
/**\n
 * @description\n
 * Provider
which adds `RequiredValidator` to the `NG_VALIDATORS` multi-provider list.\n
 */\n
 var
REQUIRED_VALIDATOR = {\n
 provide: NG_VALIDATORS,\n
 useExisting: core.forwardRef(function
() { return RequiredValidator; })),\n
 multi: true\n
 };
 /**\n
 * @description\n
 * Provider which adds
`CheckboxRequiredValidator` to the `NG_VALIDATORS` multi-provider list.\n
 */\n
 var
CHECKBOX_REQUIRED_VALIDATOR = {\n
 provide: NG_VALIDATORS,\n
 useExisting:
core.forwardRef(function () { return CheckboxRequiredValidator; })),\n
 multi: true\n
 };
 /**\n
 *
 * @description\n
 * A directive that adds the `required` validator to any controls marked with the\n
 * `required`
attribute. The directive is provided with the `NG_VALIDATORS` multi-provider list.\n
 */\n
 * @see [Form
Validation](guide/form-validation)\n
 */\n
 * @usageNotes\n
 */\n
 * ### Adding a required validator using
template-driven forms\n
 * ``\n
 * <input name=\"fullName\" ngModel required>\n
 * ``\n
 */\n
 *
 * @ngModule FormsModule\n
 * @ngModule ReactiveFormsModule\n
 * @publicApi\n
 */\n
 var
RequiredValidator = /** @class */ (function () {\n
 function RequiredValidator() {\n
 }
Object.defineProperty(RequiredValidator.prototype, \"required\", {\n
 /**\n
 * @description\n
 *

```



```

Tracks changes to the required attribute bound to this directive.\n
    *^n    get: function () { return
this._required; },\n
    set: function (value) {\n
        this._required = value !== null && value !== false &&
        \"\" + value !== 'false';\n
        if (this._onChange)\n
            this._onChange();\n
    },\n
enumerable: true,\n
    configurable: true\n
    });\n
/**\n
    * @description\n
    * Method that
validates whether the control is empty.\n
    * Returns the validation result if enabled, otherwise null.\n
    *^n
    RequiredValidator.prototype.validate = function (control) {\n
        return this.required ?
Validators.required(control) : null;\n
    }; \n
    /**\n
    * @description\n
    * Registers a callback function
to call when the validator inputs change.\n
    *^n
    * @param fn The callback function\n
    *^n
RequiredValidator.prototype.registerOnChange = function (fn) { this._onChange = fn; }; \n
__decorate([\n
    core.Input(),\n
    __metadata(\"design:type\", Object),\n
    __metadata(\"design:paramtypes\", [Object])\n
], RequiredValidator.prototype, \"required\", null);\n
RequiredValidator = __decorate([\n
    core.Directive({\n
        selector:
'not([type=checkbox])[required][formControlName],not([type=checkbox])[required][formControl],not([type=checkbox])[required][ngModel]',\n
        providers: [REQUIRED_VALIDATOR],\n
        host: { '[attr.required]':
'required ? \"\" : null' }\n
    })\n
], RequiredValidator);\n
return RequiredValidator;\n
}); \n
/**\n
    * A Directive that adds the `required` validator to checkbox controls marked with the\n
    * `required` attribute. The
directive is provided with the `NG_VALIDATORS` multi-provider list.\n
    *^n
    * @see [Form
Validation](guide/form-validation)\n
    *^n
    * @usageNotes\n
    *^n
    * ### Adding a required checkbox
validator using template-driven forms\n
    *^n
    * The following example shows how to add a checkbox required
validator to an input attached to an ngModel binding.\n
    *^n
    * ```\n
    * <input type=\"checkbox\"
name=\"active\" ngModel required>\n
    * ```\n
    *^n
    * @publicApi\n
    * @ngModule FormsModule\n
    *
@ngModule ReactiveFormsModule\n
    *^n
    var CheckboxRequiredValidator = /** @class */ (function (_super)
{\n
    __extends(CheckboxRequiredValidator, _super);\n
    function CheckboxRequiredValidator() {\n
return _super !== null && _super.apply(this, arguments) || this;\n
    }\n
    /**\n
    * @description\n
    *
Method that validates whether or not the checkbox has been checked.\n
    * Returns the validation result if
enabled, otherwise null.\n
    *^n
    CheckboxRequiredValidator.prototype.validate = function (control) {\n
return this.required ? Validators.requiredTrue(control) : null;\n
    }; \n
    CheckboxRequiredValidator =
__decorate([\n
    core.Directive({\n
        selector:
'input[type=checkbox][required][formControlName],input[type=checkbox][required][formControl],input[type=checkbox][required][ngModel]',\n
        providers: [CHECKBOX_REQUIRED_VALIDATOR],\n
        host: {
'[attr.required]': 'required ? \"\" : null' }\n
    })\n
], CheckboxRequiredValidator);\n
return
CheckboxRequiredValidator;\n
})(RequiredValidator);\n
/**\n
    * @description\n
    * Provider which adds
`EmailValidator` to the `NG_VALIDATORS` multi-provider list.\n
    *^n
    var EMAIL_VALIDATOR = {\n
provide: NG_VALIDATORS,\n
    useExisting: core.forwardRef(function () { return EmailValidator; }),\n
multi: true\n
}; \n
    /**\n
    * A directive that adds the `email` validator to controls marked with the\n
    * `email`
attribute. The directive is provided with the `NG_VALIDATORS` multi-provider list.\n
    *^n
    * @see [Form
Validation](guide/form-validation)\n
    *^n
    * @usageNotes\n
    *^n
    * ### Adding an email validator\n
    *^n
    * The following example shows how to add an email validator to an input attached to an ngModel binding.\n
    *^n
    * ```\n
    * <input type=\"email\" name=\"email\" ngModel email>\n
    * <input type=\"email\" name=\"email\"
ngModel email=\"true\">\n
    * <input type=\"email\" name=\"email\" ngModel [email]=\"true\">\n
    * ```\n
    *^n
    * @publicApi\n
    * @ngModule FormsModule\n
    * @ngModule ReactiveFormsModule\n
    *^n
    var
EmailValidator = /** @class */ (function () {\n
    function EmailValidator() {\n
    }\n
    Object.defineProperty(EmailValidator.prototype, \"email\", {\n
        /**\n
        * @description\n
        *
Tracks changes to the email attribute bound to this directive.\n
        *^n
        set: function (value) {\n
this._enabled = value === \"\" || value === true || value === 'true';\n
            if (this._onChange)\n
this._onChange();\n
        },\n
        enumerable: true,\n
        configurable: true\n
    });\n
    /**\n
    *
@description\n
    * Method that validates whether an email address is valid.\n
    * Returns the validation result
if enabled, otherwise null.\n
    *^n
    EmailValidator.prototype.validate = function (control) {\n
return

```

```

this._enabled ? Validators.email(control) : null;\n    };\n    /**\n     * @description\n     * Registers a\n     * callback function to call when the validator inputs change.\n     * @param fn The callback function\n     */\n    EmailValidator.prototype.registerOnValidatorChange = function (fn) { this._onChange = fn; };\n    __decorate([\n        core.Input(),\n        __metadata({"design:type": Object}),\n        __metadata({"design:paramtypes": [Object]})\n    ], EmailValidator.prototype, "email", null);\n    EmailValidator = __decorate([\n        core.Directive({\n            selector:\n            '[email][formControlName],[email][formControl],[email][ngModel]',\n            providers:\n            [EMAIL_VALIDATOR]\n        }),\n        EmailValidator\n    ], EmailValidator);\n    return EmailValidator;\n    }));\n    /**\n     * @description\n     * Provider which adds `MinLengthValidator` to the `NG_VALIDATORS` multi-provider list.\n     */\n    var MIN_LENGTH_VALIDATOR = {\n        provide: NG_VALIDATORS,\n        useExisting:\n        core.forwardRef(function () { return MinLengthValidator; }),\n        multi: true\n    };\n    /**\n     * A directive that\n     * adds minimum length validation to controls marked with the\n     * `minlength` attribute. The directive is provided\n     * with the `NG_VALIDATORS` multi-provider list.\n     * @see [Form Validation](guide/form-validation)\n     * @usageNotes\n     * ### Adding a minimum length validator\n     * The following example\n     * shows how to add a minimum length validator to an input attached to an\n     * ngModel binding.\n     * ```html\n     * <input name="firstName" ngModel minlength="4">\n     * ```\n     * @ngModule\n     * ReactiveFormsModule\n     * @ngModule FormsModule\n     * @publicApi\n     */\n    var MinLengthValidator =\n    /** @class */ (function () {\n        function MinLengthValidator() {\n        }\n        /**\n         * @description\n         * A lifecycle method called when the directive's inputs change. For internal use\n         * only.\n         * @param changes A object of key/value pairs for the set of changed inputs.\n         */\n        MinLengthValidator.prototype.ngOnChanges = function (changes) {\n            if ('minlength' in changes) {\n                this._createValidator();\n                if (this._onChange)\n                    this._onChange();\n            }\n        };\n        /**\n         * @description\n         * Method that validates whether the value meets a minimum length\n         * requirement. Returns the validation result if enabled, otherwise null.\n         */\n        MinLengthValidator.prototype.validate = function (control) {\n            return this.minlength == null ? null :\n            this._validator(control);\n        };\n        /**\n         * @description\n         * Registers a callback function to call when\n         * the validator inputs change.\n         * @param fn The callback function\n         */\n        MinLengthValidator.prototype.registerOnValidatorChange = function (fn) { this._onChange = fn; };\n        MinLengthValidator.prototype._createValidator = function () {\n            this._validator =\n            Validators.minLength(typeof this.minlength === 'number' ? this.minlength : parseInt(this.minlength, 10));\n        };\n        __decorate([\n            core.Input(),\n            __metadata({"design:type": Object})\n        ],\n        MinLengthValidator.prototype, "minlength", void 0);\n        MinLengthValidator = __decorate([\n            core.Directive({\n                selector:\n                '[minlength][formControlName],[minlength][formControl],[minlength][ngModel]',\n                providers:\n                [MIN_LENGTH_VALIDATOR],\n                host: { [attr.minlength]: 'minlength ? minlength : null' }\n            }),\n            MinLengthValidator\n        ], MinLengthValidator);\n        return MinLengthValidator;\n    }());\n    /**\n     * @description\n     * Provider\n     * which adds `MaxLengthValidator` to the `NG_VALIDATORS` multi-provider list.\n     */\n    var\n    MAX_LENGTH_VALIDATOR = {\n        provide: NG_VALIDATORS,\n        useExisting:\n        core.forwardRef(function () { return MaxLengthValidator; }),\n        multi: true\n    };\n    /**\n     * A directive that\n     * adds max length validation to controls marked with the\n     * `maxlength` attribute. The directive is provided with\n     * the `NG_VALIDATORS` multi-provider list.\n     * @see [Form Validation](guide/form-validation)\n     * @usageNotes\n     * ### Adding a maximum length validator\n     * The following example shows\n     * how to add a maximum length validator to an input attached to an\n     * ngModel binding.\n     * ```html\n     * <input name="firstName" ngModel maxlength="25">\n     * ```\n     * @ngModule\n     * ReactiveFormsModule\n     * @ngModule FormsModule\n     * @publicApi\n     */\n    var MaxLengthValidator =\n    /** @class */ (function () {\n        function MaxLengthValidator() {\n        }\n        /**\n         * @description\n         * A lifecycle method called when the directive's inputs change. For internal use\n         * only.\n         * @param changes A object of key/value pairs for the set of changed inputs.\n         */\n    }

```

```

MaxLengthValidator.prototype.ngOnChanges = function (changes) {
  if ('maxlength' in changes) {
    this._createValidator();
    if (this._onChange) this._onChange();
  }
};

/**
 * @description
 * Method that validates whether the value exceeds the maximum length
 * requirement.
 */
MaxLengthValidator.prototype.validate = function (control) {
  return this.maxlength != null ? this._validator(control) : null;
};

/**
 * @description
 * Registers a callback function to call when the validator inputs change.
 */
MaxLengthValidator.prototype.registerOnValidatorChange = function (fn) {
  this._onChange = fn;
};

MaxLengthValidator.prototype._createValidator = function () {
  this._validator =
    Validators.maxLength(typeof this.maxlength === 'number' ? this.maxlength : parseInt(this.maxlength, 10));
};

__decorate([
  core.Input(),
  __metadata({'design:type': Object})
],
MaxLengthValidator.prototype, 'maxlength', void 0);
MaxLengthValidator = __decorate([
  core.Directive({
    selector:
      '[maxlength][formControlName],[maxlength][formControl],[maxlength][ngModel]',
    providers:
      [MAX_LENGTH_VALIDATOR],
    host: { '[attr.maxlength]': 'maxlength ? maxlength : null' }
  }),
  MaxLengthValidator
]);

/**
 * @description
 * Provider which adds `PatternValidator` to the `NG_VALIDATORS` multi-provider list.
 */
var
  PATTERN_VALIDATOR = {
    provide: NG_VALIDATORS,
    useExisting: core.forwardRef(function () {
      return PatternValidator;
    }),
    multi: true
  };

/**
 * @description
 * A directive that adds regex
 * pattern validation to controls marked with the `pattern` attribute. The regex must match the entire control
 * value.
 * The directive is provided with the `NG_VALIDATORS` multi-provider list.
 * @see [Form
 * Validation](guide/form-validation)
 * @usageNotes
 * ### Adding a pattern validator
 * The following example shows how to add a pattern validator to an input attached to an ngModel binding.
 * ```html
 * <input name="firstName" ngModel pattern="[a-zA-Z]*">
 * ```
 */
@ngModule ReactiveFormsModule
@ngModule FormsModule
@publicApi
var
  PatternValidator = /** @class */ (function () {
    function PatternValidator() {}

    /**
     * @description
     * A lifecycle method called when the directive's inputs change. For internal use only.
     */
    /**
     * @param changes
     * A object of key/value pairs for the set of changed inputs.
     */
    PatternValidator.prototype.ngOnChanges = function (changes) {
      if ('pattern' in changes) {
        this._createValidator();
        if (this._onChange) this._onChange();
      }
    };

    /**
     * @description
     * Method that validates whether the value matches the pattern
     * requirement.
     */
    PatternValidator.prototype.validate = function (control) {
      return this._validator(control);
    };

    /**
     * @description
     * Registers a callback function to call when the
     * validator inputs change.
     */
    /**
     * @param fn
     * The callback function
     */
    PatternValidator.prototype.registerOnValidatorChange = function (fn) {
      this._onChange = fn;
    };

    PatternValidator.prototype._createValidator = function () {
      this._validator = Validators.pattern(this.pattern);
    };

    __decorate([
      core.Input(),
      __metadata({'design:type': Object})
    ],
    PatternValidator.prototype, 'pattern', void 0);
    PatternValidator = __decorate([
      core.Directive({
        selector:
          '[pattern][formControlName],[pattern][formControl],[pattern][ngModel]',
        providers:
          [PATTERN_VALIDATOR],
        host: { '[attr.pattern]': 'pattern ? pattern : null' }
      }),
      PatternValidator
    ]);

    /**
     * @license
     * Copyright Google Inc. All
     * Rights Reserved.
     * Use of this source code is governed by an MIT-style license that can be found
     * in the LICENSE file at https://angular.io/license
     */
    var SHARED_FORM_DIRECTIVES = [
      NgNoValidate,
      NgSelectOption,
      NgSelectMultipleOption,
      DefaultValueAccessor,
      NumberValueAccessor,
      RangeValueAccessor,
      CheckboxControlValueAccessor,
      SelectControlValueAccessor,
      SelectMultipleControlValueAccessor,
      RadioControlValueAccessor,
      NgControlStatus,
      NgControlStatusGroup,
      RequiredValidator,
      MinLengthValidator,
      MaxLengthValidator,
      PatternValidator,
      CheckboxRequiredValidator,
      EmailValidator
    ];
    var
      TEMPLATE_DRIVEN_DIRECTIVES = [NgModel, NgModelGroup, NgForm];
  }());

```

```

REACTIVE_DRIVEN_DIRECTIVES = [FormControlDirective, FormGroupDirective, FormControlName,
FormGroupName, FormArrayName];\n /**\n * Internal module used for sharing directives between
FormsModule and ReactiveFormsModule\n *\n var InternalFormsSharedModule = /** @class */ (function ()
{\n function InternalFormsSharedModule() {\n }\n InternalFormsSharedModule = __decorate([\n
core.NgModule({\n declarations: SHARED_FORM_DIRECTIVES,\n exports:
SHARED_FORM_DIRECTIVES,\n })\n ], InternalFormsSharedModule);\n return
InternalFormsSharedModule;\n }());\n\n /**\n * @license\n * Copyright Google Inc. All Rights
Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n *\n function isAbstractControlOptions(options) {\n return
options.asyncValidators !== undefined ||\n options.validators !== undefined ||\n options.updateOn !==
undefined;\n }\n /**\n * @description\n * Creates an `AbstractControl` from a user-specified
configuration.\n *\n * The `FormBuilder` provides syntactic sugar that shortens creating instances of a
`FormControl`,\n * `FormGroup`, or `FormArray`. It reduces the amount of boilerplate needed to build complex\n
* forms.\n *\n * @see [Reactive Forms Guide](/guide/reactive-forms)\n *\n * @publicApi\n *\n
var FormBuilder = /** @class */ (function () {\n function FormBuilder() {\n }\n /**\n *
@description\n * Construct a new `FormGroup` instance.\n *\n * @param controlsConfig A
collection of child controls. The key for each child is the name\n * under which it is registered.\n *\n
* @param options Configuration options object for the `FormGroup`. The object can\n * have two shapes:\n
*\n * 1) `AbstractControlOptions` object (preferred), which consists of:\n * * `validators`: A
synchronous validator function, or an array of validator functions\n * * `asyncValidators`: A single async
validator or array of async validator functions\n * * `updateOn`: The event upon which the control should be
updated (options: 'change' | 'blur' |\n * submit')\n *\n * 2) Legacy configuration object, which consists
of:\n * * `validator`: A synchronous validator function, or an array of validator functions\n * *
`asyncValidator`: A single async validator or array of async validator functions\n *\n */\n
FormBuilder.prototype.group = function (controlsConfig, options) {\n if (options === void 0) { options =
null; }\n var controls = this._reduceControls(controlsConfig);\n var validators = null;\n var
asyncValidators = null;\n var updateOn = undefined;\n if (options !== null) {\n if
(isAbstractControlOptions(options)) {\n // `options` are `AbstractControlOptions`\n
validators = options.validators !== null ? options.validators : null;\n asyncValidators =
options.asyncValidators !== null ? options.asyncValidators : null;\n updateOn = options.updateOn !== null
? options.updateOn : undefined;\n } else {\n // `options` are legacy form group
options\n validators = options['validator'] !== null ? options['validator'] : null;\n
asyncValidators = options['asyncValidator'] !== null ? options['asyncValidator'] : null;\n }\n }\n
return new FormGroup(controls, { asyncValidators: asyncValidators, updateOn: updateOn, validators: validators
});\n };\n /**\n * @description\n * Construct a new `FormControl` with the given state, validators
and options.\n *\n * @param formState Initializes the control with an initial state value, or\n * with
an object that contains both a value and a disabled status.\n *\n * @param validatorOrOpts A synchronous
validator function, or an array of\n * such functions, or an `AbstractControlOptions` object that contains\n
* validation functions and a validation trigger.\n *\n * @param asyncValidator A single async validator or
array of async validator\n * functions.\n *\n * @usageNotes\n *\n * ### Initialize a control
as disabled\n *\n * The following example returns a control with an initial value in a disabled state.\n
*\n * <code-example path="forms/ts/formBuilder/form_builder_example.ts" region="disabled-control">\n
* </code-example>\n *\n FormBuilder.prototype.control = function (formState, validatorOrOpts,
asyncValidator) {\n return new FormControl(formState, validatorOrOpts, asyncValidator);\n };\n
/**\n * Constructs a new `FormArray` from the given array of configurations,\n * validators and
options.\n *\n * @param controlsConfig An array of child controls or control configs. Each\n * child
control is given an index when it is registered.\n *\n * @param validatorOrOpts A synchronous validator
function, or an array of\n * such functions, or an `AbstractControlOptions` object that contains\n *

```

```

validation functions and a validation trigger.\n      *\n      * @param asyncValidator A single async validator or
array of async validator\n      * functions.\n      *\n      FormBuilder.prototype.array = function (controlsConfig,
validatorOrOpts, asyncValidator) {\n      var _this = this;\n      var controls = controlsConfig.map(function (c)
{ return _this._createControl(c); });\n      return new FormArray(controls, validatorOrOpts, asyncValidator);\n
});\n      /** @internal *\n      FormBuilder.prototype._reduceControls = function (controlsConfig) {\n      var
_this = this;\n      var controls = {};\n      Object.keys(controlsConfig).forEach(function (controlName) {\n
      controls[controlName] = _this._createControl(controlsConfig[controlName]);\n      });\n      return
controls;\n      });\n      /** @internal *\n      FormBuilder.prototype._createControl = function (controlConfig)
{\n      if (controlConfig instanceof FormControl || controlConfig instanceof FormGroup ||\n
controlConfig instanceof FormArray) {\n      return controlConfig;\n      }\n      else if
(Array.isArray(controlConfig)) {\n      var value = controlConfig[0];\n      var validator =
controlConfig.length > 1 ? controlConfig[1] : null;\n      var asyncValidator = controlConfig.length > 2 ?
controlConfig[2] : null;\n      return this.control(value, validator, asyncValidator);\n      }\n      else {\n
      return this.control(controlConfig);\n      }\n      });\n      FormBuilder = __decorate([\n
core.Injectable()\n      ], FormBuilder);\n      return FormBuilder;\n      }());\n      /**\n      * @license\n      *
Copyright Google Inc. All Rights Reserved.\n      *\n      * Use of this source code is governed by an MIT-style
license that can be\n      * found in the LICENSE file at https://angular.io/license\n      *\n      * @publicApi\n      *\n      var VERSION = new core.Version('9.0.7');\n      /**\n      * @license\n      * Copyright Google Inc. All
Rights Reserved.\n      *\n      * Use of this source code is governed by an MIT-style license that can be\n      * found
in the LICENSE file at https://angular.io/license\n      *\n      * Exports the required providers and directives
for template-driven forms,\n      * making them available for import by NgModules that import this module.\n      *\n      * @see [Forms Guide](/guide/forms)\n      *\n      * @publicApi\n      *\n      var FormsModule = /** @class */
(function () {\n      function FormsModule() {\n      }\n      FormsModule = __decorate([\n
core.NgModule({\n      declarations: TEMPLATE_DRIVEN_DIRECTIVES,\n      providers:
[RadioControlRegistry],\n      exports: [InternalFormsSharedModule,
TEMPLATE_DRIVEN_DIRECTIVES]\n      })),\n      ], FormsModule);\n      return FormsModule;\n      }());\n      /**\n      * Exports the required infrastructure and directives for reactive forms,\n      * making them available for
import by NgModules that import this module.\n      * @see [Forms](guide/reactive-forms)\n      *\n      * @see
[Reactive Forms Guide](/guide/reactive-forms)\n      *\n      * @publicApi\n      *\n      var ReactiveFormsModule = /**
@class */ (function () {\n      function ReactiveFormsModule() {\n      }\n      ReactiveFormsModule_1 =
ReactiveFormsModule;\n      /**\n      * @description\n      * Provides options for configuring the reactive
forms module.\n      *\n      * @param opts An object of configuration options\n      * *\n
`warnOnNgModelWithFormControl` Configures when to emit a warning when an `ngModel` binding is
used with reactive form directives.\n      *\n      ReactiveFormsModule.withConfig = function (opts) {\n
return {\n      ngModule: ReactiveFormsModule_1,\n      providers: [{\n      provide:
NG_MODEL_WITH_FORM_CONTROL_WARNING,\n      useValue:
opts.warnOnNgModelWithFormControl\n      }]\n      };\n      var ReactiveFormsModule_1;\n
      ReactiveFormsModule = ReactiveFormsModule_1 = __decorate([\n      core.NgModule({\n
declarations: [REACTIVE_DRIVEN_DIRECTIVES],\n      providers: [FormBuilder,
RadioControlRegistry],\n      exports: [InternalFormsSharedModule, REACTIVE_DRIVEN_DIRECTIVES]\n
      })),\n      ], ReactiveFormsModule);\n      return ReactiveFormsModule;\n      }());\n      /**\n      * @license\n      *
Copyright Google Inc. All Rights Reserved.\n      *\n      * Use of this source code is governed by an MIT-style
license that can be\n      * found in the LICENSE file at https://angular.io/license\n      *\n      * @license\n      *
Copyright Google Inc. All Rights Reserved.\n      *\n      * Use of this source code is governed by an MIT-style
license that can be\n      * found in the LICENSE file at https://angular.io/license\n      * \n      * // This file only reexports
content of the `src` folder. Keep it that way.\n      *\n      * @license\n      * Copyright Google Inc. All Rights
Reserved.\n      *\n      * Use of this source code is governed by an MIT-style license that can be\n      * found in the
LICENSE file at https://angular.io/license\n      *\n      * Generated bundle index. Do not edit.\n      *\n

```

exports.AbstractControl = AbstractControl;\n exports.AbstractControlDirective = AbstractControlDirective;\n exports.AbstractFormGroupDirective = AbstractFormGroupDirective;\n exports.COMPOSITION_BUFFER_MODE = COMPOSITION_BUFFER_MODE;\n exports.CheckboxControlValueAccessor = CheckboxControlValueAccessor;\n exports.CheckboxRequiredValidator = CheckboxRequiredValidator;\n exports.ControlContainer = ControlContainer;\n exports.DefaultValueAccessor = DefaultValueAccessor;\n exports.EmailValidator = EmailValidator;\n exports.FormArray = FormArray;\n exports.FormArrayName = FormArrayName;\n exports.FormBuilder = FormBuilder;\n exports.FormControl = FormControl;\n exports.FormControlDirective = FormControlDirective;\n exports.FormControlName = FormControlName;\n exports.FormGroup = FormGroup;\n exports.FormGroupDirective = FormGroupDirective;\n exports.FormGroupName = FormGroupName;\n exports.FormsModule = FormsModule;\n exports.MaxLengthValidator = MaxLengthValidator;\n exports.MinLengthValidator = MinLengthValidator;\n exports.NG_ASYNC_VALIDATORS = NG_ASYNC_VALIDATORS;\n exports.NG_VALIDATORS = NG_VALIDATORS;\n exports.NG_VALUE_ACCESSOR = NG_VALUE_ACCESSOR;\n exports.NgControl = NgControl;\n exports.NgControlStatus = NgControlStatus;\n exports.NgControlStatusGroup = NgControlStatusGroup;\n exports.NgForm = NgForm;\n exports.NgModel = NgModel;\n exports.NgModelGroup = NgModelGroup;\n exports.NgSelectOption = NgSelectOption;\n exports.NumberValueAccessor = NumberValueAccessor;\n exports.PatternValidator = PatternValidator;\n exports.RadioControlValueAccessor = RadioControlValueAccessor;\n exports.RangeValueAccessor = RangeValueAccessor;\n exports.ReactiveFormsModule = ReactiveFormsModule;\n exports.RequiredValidator = RequiredValidator;\n exports.SelectControlValueAccessor = SelectControlValueAccessor;\n exports.SelectMultipleControlValueAccessor = SelectMultipleControlValueAccessor;\n exports.VERSION = VERSION;\n exports.Validators = Validators;\n exports.InternalFormsSharedModule = InternalFormsSharedModule;\n exports.NgNoValidate = NgNoValidate;\n exports.NgSelectMultipleOption = NgSelectMultipleOption;\n exports.angular_packages_forms_forms_a = SHARED_FORM_DIRECTIVES;\n exports.angular_packages_forms_forms_b = TEMPLATE_DRIVEN_DIRECTIVES;\n exports.angular_packages_forms_forms_ba = CHECKBOX_REQUIRED_VALIDATOR;\n exports.angular_packages_forms_forms_bb = EMAIL_VALIDATOR;\n exports.angular_packages_forms_forms_bc = MIN_LENGTH_VALIDATOR;\n exports.angular_packages_forms_forms_bd = MAX_LENGTH_VALIDATOR;\n exports.angular_packages_forms_forms_be = PATTERN_VALIDATOR;\n exports.angular_packages_forms_forms_c = REACTIVE_DRIVEN_DIRECTIVES;\n exports.angular_packages_forms_forms_d = InternalFormsSharedModule;\n exports.angular_packages_forms_forms_e = CHECKBOX_VALUE_ACCESSOR;\n exports.angular_packages_forms_forms_f = DEFAULT_VALUE_ACCESSOR;\n exports.angular_packages_forms_forms_g = AbstractControlStatus;\n exports.angular_packages_forms_forms_h = ngControlStatusHost;\n exports.angular_packages_forms_forms_i = formDirectiveProvider;\n exports.angular_packages_forms_forms_j = formControlBinding;\n exports.angular_packages_forms_forms_k = modelGroupProvider;\n exports.angular_packages_forms_forms_l = NUMBER_VALUE_ACCESSOR;\n exports.angular_packages_forms_forms_m = RADIO_VALUE_ACCESSOR;\n exports.angular_packages_forms_forms_n = RadioControlRegistry;\n exports.angular_packages_forms_forms_o = RANGE_VALUE_ACCESSOR;\n exports.angular_packages_forms_forms_p = NG_MODEL_WITH_FORM_CONTROL_WARNING;\n exports.angular_packages_forms_forms_q = formControlBinding\$1;\n exports.angular_packages_forms_forms_r = controlNameBinding;\n exports.angular_packages_forms_forms_s = formDirectiveProvider\$1;\n exports.angular_packages_forms_forms_t = formGroupNameProvider;\n exports.angular_packages_forms_forms_u = formArrayNameProvider;\n exports.angular_packages_forms_forms_v = SELECT_VALUE_ACCESSOR;

```
exports.angular_packages_forms_forms_w = SELECT_MULTIPLE_VALUE_ACCESSOR;\nexports.angular_packages_forms_forms_x = NgSelectMultipleOption;\nexports.angular_packages_forms_forms_y = NgNoValidate;\n exports.angular_packages_forms_forms_z =\nREQUIRED_VALIDATOR;\n\n Object.defineProperty(exports, '__esModule', { value: true });\n\n});\n\n//#\nsourceMappingURL=forms.umd.js.map\n\n}}}
```

Found in path(s):

* /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/bundles/forms.umd.min.js.map

No license file was found, but licenses were detected in source scan.

Angular

=====

The sources for this package are in the main [Angular](<https://github.com/angular/angular>) repo. Please file issues and pull requests against that repo.

Usage information and reference details can be found in [Angular documentation](<https://angular.io/docs>).

License: MIT

Found in path(s):

* /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/README.md

No license file was found, but licenses were detected in source scan.

```
{ "version": 3, "file": "forms.umd.js", "sources": [ "../external/npm/node_modules/tslib/tslib.es6.js", "../packages/forms/src/directives/control_value_accessor.ts", "../packages/forms/src/directives/checkbox_value_accessor.ts", "../packages/forms/src/directives/default_value_accessor.ts", "../packages/forms/src/directives/abstract_control_directive.ts", "../packages/forms/src/directives/control_container.ts", "../packages/forms/src/directives/ng_control.ts", "../packages/forms/src/directives/ng_control_status.ts", "../packages/forms/src/validators.ts", "../packages/forms/src/directives/normalize_validator.ts", "../packages/forms/src/directives/number_value_accessor.ts", "../packages/forms/src/directives/radio_control_value_accessor.ts", "../packages/forms/src/directives/range_value_accessor.ts", "../packages/forms/src/directives/error_examples.ts", "../packages/forms/src/directives/reactive_errors.ts", "../packages/forms/src/directives/select_control_value_accessor.ts", "../packages/forms/src/directives/select_multiple_control_value_accessor.ts", "../packages/forms/src/directives/shared.ts", "../packages/forms/src/model.ts", "../packages/forms/src/directives/ng_form.ts", "../packages/forms/src/directives/abstract_form_group_directive.ts", "../packages/forms/src/directives/template_driven_errors.ts", "../packages/forms/src/directives/ng_model_group.ts", "../packages/forms/src/directives/ng_model.ts", "../packages/forms/src/directives/ng_no_validate_directive.ts", "../packages/forms/src/directives/reactive_directives/form_control_directive.ts", "../packages/forms/src/directives/reactive_directives/form_group_directive.ts", "../packages/forms/src/directives/reactive_directives/form_group_name.ts", "../packages/forms/src/directives/reactive_directives/form_control_name.ts", "../packages/forms/src/directives/validators.ts", "../packages/forms/src/directives.ts", "../packages/forms/src/form_builder.ts", "../packages/forms/src/version.ts", "../packages/forms/src/form_providers.ts", "../packages/forms/src/forms.ts", "../packages/forms/public_api.ts", "../packages/forms/index.ts", "../packages/forms/forms.ts"], "sourcesContent": [ "/*!
```

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http://www.apache.org/licenses/LICENSE-2.0\r\n\r\nTHIS CODE IS PROVIDED ON AN *AS IS* BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY\r\nKIND, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED\r\nWARRANTIES OR CONDITIONS OF TITLE, FITNESS FOR A PARTICULAR PURPOSE,\r\nMERCHANTABLITY OR NON-INFRINGEMENT.\r\n\r\nSee the Apache Version 2.0 License for specific language governing permissions\r\nand limitations under the License.\r\n\r\n*****\r\n\r\n*/\r\n\r\n/*\r\n\r\n global Reflect, Promise */\r\n\r\nvar extendStatics = function(d, b) {\r\n extendStatics = Object.setPrototypeOf\r\n ||\r\n ({ __proto__: [] } instanceof Array && function (d, b) { d.__proto__ = b; })\r\n ||\r\n function (d, b) { for (var p in b) if (b.hasOwnProperty(p)) d[p] = b[p]; }\r\n return extendStatics(d, b);\r\n};\r\n\r\nexport function __extends(d, b) {\r\n extendStatics(d, b);\r\n function __() { this.constructor = d; }\r\n d.prototype = b === null ? Object.create(b) : (__.prototype = b.prototype, new __());\r\n}\r\n\r\nexport var __assign = function() {\r\n __assign = Object.assign || function __assign(t) {\r\n for (var s, i = 1, n = arguments.length; i < n; i++) {\r\n s = arguments[i];\r\n for (var p in s) if (Object.prototype.hasOwnProperty.call(s, p)) t[p] = s[p];\r\n }\r\n return t;\r\n }\r\n return __assign.apply(this, arguments);\r\n}\r\n\r\nexport function __rest(s, e) {\r\n var t = {};\r\n for (var p in s) if (Object.prototype.hasOwnProperty.call(s, p) && e.indexOf(p) < 0)\r\n t[p] = s[p];\r\n if (s != null && typeof Object.getPrototypeOf === "function")\r\n for (var i = 0, p = Object.getPrototypeOf(s); i < p.length; i++) {\r\n if (e.indexOf(p[i]) < 0 && Object.prototype.propertyIsEnumerable.call(s, p[i]))\r\n t[p[i]] = s[p[i]];\r\n }\r\n return t;\r\n}\r\n\r\nexport function __decorate(decorators, target, key, desc) {\r\n var c = arguments.length, r = c < 3 ? target : desc === null ? desc = Object.getOwnPropertyDescriptor(target, key) : desc, d;\r\n if (typeof Reflect === "object" && typeof Reflect.decorate === "function") r = Reflect.decorate(decorators, target, key, desc);\r\n else for (var i = decorators.length - 1; i >= 0; i--) if (d = decorators[i]) r = (c < 3 ? d(r) : c > 3 ? d(target, key, r) : d(target, key)) || r;\r\n return c > 3 && r && Object.defineProperty(target, key, r), r;\r\n}\r\n\r\nexport function __param(paramIndex, decorator) {\r\n return function (target, key) { decorator(target, key, paramIndex); }\r\n}\r\n\r\nexport function __metadata(metadataKey, metadataValue) {\r\n if (typeof Reflect === "object" && typeof Reflect.metadata === "function") return Reflect.metadata(metadataKey, metadataValue);\r\n}\r\n\r\nexport function __awaiter(thisArg, _arguments, P, generator) {\r\n return new (P || (P = Promise))(function (resolve, reject) {\r\n function fulfilled(value) { try { step(generator.next(value)); } catch (e) { reject(e); }\r\n function rejected(value) { try { step(generator["throw"](value)); } catch (e) { reject(e); }\r\n function step(result) { result.done ? resolve(result.value) : new P(function (resolve) { resolve(result.value); }).then(fulfilled, rejected); }\r\n step((generator = generator.apply(thisArg, _arguments || [])).next());\r\n });\r\n}\r\n\r\nexport function __generator(thisArg, body) {\r\n var _ = { label: 0, sent: function() { if (t[0] & 1) throw t[1]; return t[1]; }, trys: [], ops: [] }, f, y, t, g;\r\n return g = { next: verb(0), "throw": verb(1), "return": verb(2) }, typeof Symbol === "function" && (g[Symbol.iterator] = function() { return this; }), g;\r\n function verb(n) { return function (v) { return step([n, v]); }; }\r\n function step(op) {\r\n if (f) throw new TypeError("Generator is already executing.");\r\n while (1) try {\r\n if (f = 1, y && (t = op[0] & 2 ? y["return"] : op[0] ? y["throw"] || ((t = y["return"]) && t.call(y), 0) : y.next) && !(t = t.call(y, op[1])).done) return t;\r\n if (y = 0, t) op = [op[0] & 2, t.value];\r\n switch (op[0]) {\r\n case 0: case 1: t = op; break;\r\n case 4: _label++; return { value: op[1], done: false };\r\n case 5: _label++; y = op[1]; op = [0]; continue;\r\n case 7: op = _ops.pop(); _trys.pop(); continue;\r\n default: if (!(t = _trys, t = t.length > 0 && t[t.length - 1]) && (op[0] === 6 || op[0] === 2)) { _ = 0; continue; }\r\n if (op[0] === 3 && (!t || (op[1] > t[0] && op[1] < t[3]))) { _label = op[1]; break; }\r\n if (op[0] === 6 && _label < t[1]) { _label = t[1]; t = op; break; }\r\n if (t && _label < t[2]) { _label = t[2]; _ops.push(op); break; }\r\n if (t[2]) _ops.pop();\r\n _trys.pop(); continue;\r\n }\r\n op = body.call(thisArg, _);\r\n } catch (e) { op = [6, e]; y = 0; } finally { f = t = 0; }\r\n if (op[0] & 5) throw op[1]; return { value: op[0] ? op[1] : void 0, done: true };\r\n }\r\n }\r\n}\r\n\r\nexport function __exportStar(m, exports) {\r\n for (var p in m) if (!exports.hasOwnProperty(p)) exports[p] = m[p];\r\n}\r\n\r\nexport function __values(o) {\r\n var m = typeof Symbol === "function" && o[Symbol.iterator], i = 0;\r\n if (m) return m.call(o);\r\n return {\r\n next:


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* ### Store the change function\n * The following example stores the provided function as an internal
method.\n * ``\n * registerOnChange(fn: (_: any) => void): void {\n * this._onChange = fn;\n * }\n *
*\n * When the value changes in the UI, call the registered\n * function to allow the forms API to update
itself:\n * ``\n * host: {\n * '(change)': '_onChange($event.target.value)\n * }\n * ``\n *
*\n * @param fn The callback function to register\n * ^\n registerOnChange(fn: any): void;\n * /**\n * @description\n * Registers a callback function is called by the forms API on initialization\n * to update the form model on blur.\n *
*\n * When implementing `registerOnTouched` in your own value accessor, save the given\n * function so your
class calls it when the control should be considered\n * blurred or `touched`.\n * @usageNotes\n * ###
Store the callback function\n * The following example stores the provided function as an internal method.\n *
*\n * ``\n * registerOnTouched(fn: any): void {\n * this._onTouched = fn;\n * }\n * ``\n *
*\n * On blur
(or equivalent), your class should call the registered function to allow\n * the forms API to update itself:\n *
*\n * ``\n * host: {\n * '(blur)': '_onTouched()\n * }\n * ``\n *
*\n * @param fn The callback function to
register\n * ^\n registerOnTouched(fn: any): void;\n * /**\n * @description\n * Function that is called by the
forms API when the control status changes to\n * or from 'DISABLED'. Depending on the status, it enables or
disables the\n * appropriate DOM element.\n * @usageNotes\n * The following is an example of writing
the disabled property to a native DOM element:\n *
*\n * ``\n * setDisabledState(isDisabled: boolean): void {\n *
*\n * this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n * }\n * ``\n *
*\n *
@param isDisabled The disabled status to set on the element\n * ^\n setDisabledState?(isDisabled: boolean):
void;\n * }\n * /**\n * Used to provide a `ControlValueAccessor` for form controls.\n * See
`DefaultValueAccessor` for how to implement one.\n * @publicApi\n * ^\n export const
NG_VALUE_ACCESSOR = new InjectionToken<ControlValueAccessor>('NgValueAccessor');\n * ,"/**\n *
*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n * ^\n
*\n * import {Directive,
ElementRef, Renderer2, forwardRef} from '@angular/core';\n * import {ControlValueAccessor,
NG_VALUE_ACCESSOR} from './control_value_accessor';\n * export const CHECKBOX_VALUE_ACCESSOR:
any = {\n * provide: NG_VALUE_ACCESSOR,\n * useExisting: forwardRef(() =>
CheckboxControlValueAccessor),\n * multi: true,\n * }\n * /**\n * @description\n * A `ControlValueAccessor` for
writing a value and listening to changes on a checkbox input\n * element.\n * @usageNotes\n *
*\n * ### Using a
checkbox with a reactive form.\n * The following example shows how to use a checkbox with a reactive form.\n *
*\n * ``\n * const rememberLoginControl = new FormControl();\n * ``\n *
*\n * <input type="checkbox"\n * [formControl]="rememberLoginControl">\n * ``\n *
*\n * @ngModule ReactiveFormsModule\n * @ngModule
FormsModule\n * @publicApi\n * ^\n @Directive({\n * selector:\n * 'input[type=checkbox][formControlName],input[type=checkbox][formControl],input[type=checkbox][ngModel]',\n *
*\n * host: {'(change)': 'onChange($event.target.checked)', '(blur)': 'onTouched()',\n * providers:
*\n * [CHECKBOX_VALUE_ACCESSOR]}\n * })\n * export class CheckboxControlValueAccessor implements
ControlValueAccessor {\n * /**\n * @description\n * The registered callback function called when a change event
occurs on the input element.\n * ^\n * onChange = (_: any) => {};\n * /**\n * @description\n * The registered
callback function called when a blur event occurs on the input element.\n * ^\n * onTouched = () => {};\n *
*\n * constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {\n * }\n * /**\n * Sets the `checked`
property on the input element.\n *
*\n * @param value The checked value\n * ^\n * writeValue(value: any): void {\n *
*\n * this._renderer.setProperty(this._elementRef.nativeElement, 'checked', value);\n * }\n * /**\n * @description\n *
*\n * Registers a function called when the control value changes.\n *
*\n * @param fn The callback function\n * ^\n * registerOnChange(fn: (_: any) => {}): void { this.onChange = fn; }\n * /**\n * @description\n * Registers a
function called when the control is touched.\n *
*\n * @param fn The callback function\n * ^\n * registerOnTouched(fn: () => {}): void { this.onTouched = fn; }\n * /**\n * Sets the `disabled` property on the
input element.\n *
*\n * @param isDisabled The disabled value\n * ^\n * setDisabledState(isDisabled: boolean):
void {\n * this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n * }\n * }\n * ,"/**\n *
*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-

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style license that can be found in the LICENSE file at https://angular.io/license
import {ÉµgetDOM as
getDOM} from '@angular/common';
import {Directive, ElementRef, Inject, InjectionToken, Optional, Renderer2,
forwardRef} from '@angular/core';
import {ControlValueAccessor, NG_VALUE_ACCESSOR} from
'./control_value_accessor';
export const DEFAULT_VALUE_ACCESSOR: any = {
provide:
NG_VALUE_ACCESSOR,
useExisting: forwardRef(() => DefaultValueAccessor),
multi: true
};

We must check whether the agent is Android because composition events
behave differently between iOS and
Android.
function _isAndroid(): boolean {
const userAgent = getDOM() ? getDOM().getUserAgent() : "";
return /android(\\d+)/.test(userAgent.toLowerCase());
}

Provide this token to control
if form directives buffer IME input until
the "compositionend" event occurs.
@publicApi
export
const COMPOSITION_BUFFER_MODE = new InjectionToken<boolean>('CompositionEventMode');

The default `ControlValueAccessor` for writing a value and listening to changes on input
elements. The accessor is used by the `FormControlDirective`, `FormControlName`, and `NgModel`
directives.
@usageNotes
### Using the default value accessor
The following example shows
how to use an input element that activates the default value accessor
(in this case, a text field).
ts
const firstNameControl = new FormControl();
<input type="text"
[formControl]= "firstNameControl">
@ngModule ReactiveFormsModule
@ngModule
FormsModule
@publicApi
@Directive({
selector:
'input:not([type=checkbox])[formControlName],textarea[formControlName],input:not([type=checkbox])[formContr
ol],textarea[formControl],input:not([type=checkbox])[ngModel],textarea[ngModel],[ngDefaultControl]',
//
TODO: vsavkin replace the above selector with the one below it once
//
https://github.com/angular/angular/issues/3011 is implemented
// selector:
'[ngModel],[formControl],[formControlName]',
host: {
'(input)':
'$any(this)._handleInput($event.target.value)',
'(blur)': 'onTouched()',
'(compositionstart)':
'$any(this)._compositionStart()',
'(compositionend)': '$any(this)._compositionEnd($event.target.value)'
},
providers: [DEFAULT_VALUE_ACCESSOR])
export class DefaultValueAccessor implements
ControlValueAccessor {
description
The registered callback function called when an input event
occurs on the input element.
onChange = (_: any) => {};
description
The registered
callback function called when a blur event occurs on the input element.
onTouched = () => {};

Whether the user is creating a composition string (IME events).
private _composing = false;
constructor(
private _renderer: Renderer2, private _elementRef: ElementRef,
@Optional()
@Inject(COMPOSITION_BUFFER_MODE) private _compositionMode: boolean) {
if (this._compositionMode
== null) {
this._compositionMode = !_isAndroid();
}
}

Sets the "value" property on the
input element.
@param value The checked value
writeValue(value: any): void {
const
normalizedValue = value == null ? : value;
this._renderer.setProperty(this._elementRef.nativeElement, 'value',
normalizedValue);
}

Registers a function called when the control value
changes.
@param fn The callback function
registerOnChange(fn: (_: any) => void): void {
this.onChange = fn;
}

Registers a function called when the control is touched.
@param fn The callback function
registerOnTouched(fn: () => void): void {
this.onTouched = fn;
}

Sets the "disabled" property on the input element.
@param isDisabled The disabled
value
setEnabledState(isDisabled: boolean): void {
this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);
}

@internal
_handleInput(value: any): void {
if (!this._compositionMode || (this._compositionMode && !this._composing))
{
this.onChange(value);
}
}

@internal
_compositionStart(): void {
this._composing = true;
}

@internal
_compositionEnd(value: any): void {
this._composing = false;
this._compositionMode && this.onChange(value);
}
}

"/**
@license
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Rights Reserved.
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LICENSE file at https://angular.io/license
import {Observable} from 'rxjs';
import {AbstractControl} from
'./model';
import {ValidationErrors} from './validators';
description
Base class for control

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directives.\n *\n * This class is only used internally in the `ReactiveFormsModule` and the `FormsModule`.\n *\n *
@api\n *\nexport abstract class AbstractControlDirective {\n /**\n * @description\n * A reference to the
underlying control.\n *\n * @returns the control that backs this directive. Most properties fall through to that
instance.\n */\n abstract get control(): AbstractControl|null;\n /**\n * @description\n * Reports the value of
the control if it is present, otherwise null.\n */\n get value(): any { return this.control ? this.control.value : null;
}\n /**\n * @description\n * Reports whether the control is valid. A control is considered valid if no\n *
validation errors exist with the current value.\n * If the control is not present, null is returned.\n */\n get valid():
boolean|null { return this.control ? this.control.valid : null; }\n /**\n * @description\n * Reports whether the
control is invalid, meaning that an error exists in the input value.\n * If the control is not present, null is returned.\n
*/\n get invalid(): boolean|null { return this.control ? this.control.invalid : null; }\n /**\n * @description\n *
Reports whether a control is pending, meaning that that async validation is occurring and\n * errors are not yet
available for the input value. If the control is not present, null is\n * returned.\n */\n get pending(): boolean|null {
return this.control ? this.control.pending : null; }\n /**\n * @description\n * Reports whether the control is
disabled, meaning that the control is disabled\n * in the UI and is exempt from validation checks and excluded
from aggregate\n * values of ancestor controls. If the control is not present, null is returned.\n */\n get disabled():
boolean|null { return this.control ? this.control.disabled : null; }\n /**\n * @description\n * Reports whether the
control is enabled, meaning that the control is included in ancestor\n * calculations of validity or value. If the
control is not present, null is returned.\n */\n get enabled(): boolean|null { return this.control ? this.control.enabled
: null; }\n /**\n * @description\n * Reports the control's validation errors. If the control is not present, null is
returned.\n */\n get errors(): ValidationErrors|null { return this.control ? this.control.errors : null; }\n /**\n *
@description\n * Reports whether the control is pristine, meaning that the user has not yet changed\n * the value
in the UI. If the control is not present, null is returned.\n */\n get pristine(): boolean|null { return this.control ?
this.control.pristine : null; }\n /**\n * @description\n * Reports whether the control is dirty, meaning that the
user has changed\n * the value in the UI. If the control is not present, null is returned.\n */\n get dirty():
boolean|null { return this.control ? this.control.dirty : null; }\n /**\n * @description\n * Reports whether the
control is touched, meaning that the user has triggered\n * a `blur` event on it. If the control is not present, null is
returned.\n */\n get touched(): boolean|null { return this.control ? this.control.touched : null; }\n /**\n *
@description\n * Reports the validation status of the control. Possible values include:\n * 'VALID', 'INVALID',
'DISABLED', and 'PENDING'.\n * If the control is not present, null is returned.\n */\n get status(): string|null {
return this.control ? this.control.status : null; }\n /**\n * @description\n * Reports whether the control is
untouched, meaning that the user has not yet triggered\n * a `blur` event on it. If the control is not present, null is
returned.\n */\n get untouched(): boolean|null { return this.control ? this.control.untouched : null; }\n /**\n *
@description\n * Returns a multicasting observable that emits a validation status whenever it is\n * calculated for
the control. If the control is not present, null is returned.\n */\n get statusChanges(): Observable<any>|null {\n
return this.control ? this.control.statusChanges : null;\n }\n /**\n * @description\n * Returns a multicasting
observable of value changes for the control that emits every time the\n * value of the control changes in the UI or
programmatically.\n * If the control is not present, null is returned.\n */\n get valueChanges():
Observable<any>|null {\n return this.control ? this.control.valueChanges : null;\n }\n /**\n * @description\n
* Returns an array that represents the path from the top-level form to this control.\n * Each index is the string name
of the control on that level.\n */\n get path(): string[]|null { return null; }\n /**\n * @description\n * Resets
the control with the provided value if the control is present.\n */\n reset(value: any = undefined): void {\n if
(this.control) this.control.reset(value);\n }\n /**\n * @description\n * Reports whether the control with the
given path has the error specified.\n *\n * @param errorCode The code of the error to check\n * @param path A
list of control names that designates how to move from the current control\n * to the control that should be queried
for errors.\n *\n * @usageNotes\n * For example, for the following `FormGroup`:\n *\n * ```\n * form = new
FormGroup({\n * address: new FormGroup({ street: new FormControl() })\n * });\n * ```\n *\n * The path to
the 'street' control from the root form would be 'address' -> 'street'.\n *\n * It can be provided to this method in one
of two formats:\n *\n * 1. An array of string control names, e.g. `[address, 'street']`\n * 1. A period-delimited list

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of control names in one string, e.g. `address.street`\n * If no path is given, this method checks for the error on the current control.\n * @returns whether the given error is present in the control at the given path.\n * If the control is not present, false is returned.\n * hasError(errorCode: string, path?:

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Array<string|number>|string): boolean {\n  return this.control ? this.control.hasError(errorCode, path) : false;\n}
\n\n /**\n * @description\n * Reports error data for the control with the given path.\n * @param\n errorCode The code of the error to check\n * @param path A list of control names that designates how to move\n from the current control\n * to the control that should be queried for errors.\n * @usageNotes\n * For\n example, for the following `FormGroup`:\n * form = new FormGroup({\n *   address: new\n FormGroup({\n *     street: new FormControl()\n *   });\n * });\n * The path to the 'street' control from the root\n form would be 'address' -> 'street'.\n * It can be provided to this method in one of two formats:\n * 1.\n An array of string control names, e.g. ['address', 'street']\n * 1. A period-delimited list of control names in one\n string, e.g. `address.street`\n * @returns error data for that particular error. If the control or error is not\n present,\n * null is returned.\n * getError(errorCode: string, path?: Array<string|number>|string): any {\n  return this.control ? this.control.getError(errorCode, path) : null;\n}\n}\n\n" /**\n * @license\n * Copyright Google\n Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found\n in the LICENSE file at https://angular.io/license\n */\n\nimport {AbstractControlDirective} from\n './abstract_control_directive';\nimport {Form} from './form_interface';\n\n /**\n * @description\n * A base class\n for directives that contain multiple registered instances of `NgControl`.\n * Only used by the forms module.\n *\n * @publicApi\n */\nexport abstract class ControlContainer extends AbstractControlDirective {\n  /**\n * @description\n * The name for the control\n * // TODO(issue/24571): remove '!'.\n name!: string | number | null;\n\n /**\n * @description\n * The top-level form directive for the control.\n * get formDirective():\n Form|null { return null; }\n\n /**\n * @description\n * The path to this group.\n * get path(): string[]|null {\n  return null; }\n}\n\n" /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source\n code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport {AbstractControlDirective} from './abstract_control_directive';\nimport {ControlContainer} from\n './control_container';\nimport {ControlValueAccessor} from './control_value_accessor';\nimport {AsyncValidator,\n AsyncValidatorFn, Validator, ValidatorFn} from './validators';\n\nfunction unimplemented(): any {\n  throw new\n Error('unimplemented');\n}\n\n /**\n * @description\n * A base class that all control `FormControl`-based directives\n extend. It binds a `FormControl`\n * object to a DOM element.\n *\n * @publicApi\n */\nexport abstract class\n NgControl extends AbstractControlDirective {\n  /**\n * @description\n * The parent form for the control.\n *\n * @internal\n */\n _parent: ControlContainer|null = null;\n\n /**\n * @description\n * The name for the\n control\n * name: string|number|null = null;\n\n /**\n * @description\n * The value accessor for the\n control\n * valueAccessor: ControlValueAccessor|null = null;\n\n /**\n * @description\n * The uncomposed\n array of synchronous validators for the control\n *\n * @internal\n */\n _rawValidators:\n Array<Validator|ValidatorFn> = [];\n\n /**\n * @description\n * The uncomposed array of async validators for\n the control\n *\n * @internal\n */\n _rawAsyncValidators: Array<AsyncValidator|AsyncValidatorFn> = [];\n\n /**\n * @description\n * The registered synchronous validator function for the control\n *\n * @throws An\n exception that this method is not implemented\n *\n * get validator(): ValidatorFn|null { return\n <ValidatorFn>unimplemented(); }\n\n /**\n * @description\n * The registered async validator function for the\n control\n *\n * @throws An exception that this method is not implemented\n *\n * get asyncValidator():\n AsyncValidatorFn|null { return <AsyncValidatorFn>unimplemented(); }\n\n /**\n * @description\n * The\n callback method to update the model from the view when requested\n *\n * @param newValue The new value for\n the view\n * abstract viewToModelUpdate(newValue: any): void;\n}\n\n" /**\n * @license\n * Copyright\n Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found\n in the LICENSE file at https://angular.io/license\n */\n\nimport {Directive, Self} from\n '@angular/core';\nimport {AbstractControlDirective} from './abstract_control_directive';\nimport\n {ControlContainer} from './control_container';\nimport {NgControl} from './ng_control';\n\nexport class\n AbstractControlStatus {\n  private _cd: AbstractControlDirective;\n\n  constructor(cd: AbstractControlDirective) {\n
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this._cd = cd; }
get ngClassUntouched(): boolean { return this._cd.control ? this._cd.control.untouched : false; }
get ngClassTouched(): boolean { return this._cd.control ? this._cd.control.touched : false; }
get ngClassPristine(): boolean { return this._cd.control ? this._cd.control.pristine : false; }
get ngClassDirty(): boolean { return this._cd.control ? this._cd.control.dirty : false; }
get ngClassValid(): boolean { return this._cd.control ? this._cd.control.valid : false; }
get ngClassInvalid(): boolean { return this._cd.control ? this._cd.control.invalid : false; }
get ngClassPending(): boolean { return this._cd.control ? this._cd.control.pending : false; }
}

export const ngControlStatusHost = {
  '[class.ng-untouched]': 'ngClassUntouched',
  '[class.ng-touched]': 'ngClassTouched',
  '[class.ng-pristine]': 'ngClassPristine',
  '[class.ng-dirty]': 'ngClassDirty',
  '[class.ng-valid]': 'ngClassValid',
  '[class.ng-invalid]': 'ngClassInvalid',
  '[class.ng-pending]': 'ngClassPending',
};

/**
 * @description
 * Directive automatically applied to Angular form controls that sets CSS classes based on control status.
 * @usageNotes
 * ### CSS classes applied
 * The following classes are applied as the properties become true:
 * ng-valid
 * ng-invalid
 * ng-pending
 * ng-pristine
 * ng-dirty
 * ng-untouched
 * ng-touched
 * @ngModule
 * ReactiveFormsModule
 * @ngModule FormsModule
 * @publicApi
 * @Directive({
  selector: '[formControlName],[ngModel],[formControl]',
  host: ngControlStatusHost
})
export class NgControlStatus extends AbstractControlStatus {
  constructor(@Self() cd: NgControl) { super(cd); }
}

/**
 * @description
 * Directive automatically applied to Angular form groups that sets CSS classes based on control status (valid/invalid/dirty/etc).
 * @see `NgControlStatus`
 * @ngModule ReactiveFormsModule
 * @ngModule FormsModule
 * @publicApi
 * @Directive({
  selector: '[formGroupName],[formArrayName],[ngModelGroup],[formGroup],form:not([ngNoForm]),[ngForm]',
  host: ngControlStatusHost
})
export class NgControlStatusGroup extends AbstractControlStatus {
  constructor(@Self() cd: ControlContainer) { super(cd); }
}

/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license
 */
import { InjectionToken, ÉµisObservable as isObservable, ÉµisPromise as isPromise } from '@angular/core';
import { Observable, forkJoin, from } from 'rxjs';
import { map } from 'rxjs/operators';
import { AsyncValidatorFn, ValidationErrors, Validator, ValidatorFn } from './directives/validators';
import { AbstractControl, FormControl } from './model';

function isEmptyInputValue(value: any): boolean {
  // we don't check for string here so it also works with arrays
  return value == null || value.length === 0;
}

/**
 * @description
 * An `InjectionToken` for registering additional synchronous validators used with `AbstractControl`s.
 * @see `NG_ASYNC_VALIDATORS`
 * @usageNotes
 * ### Providing a custom validator
 * The following example registers a custom validator directive. Adding the validator to the existing collection of validators requires the `multi: true` option.
 * ```typescript
 * @Directive({
  selector: '[customValidator]',
  providers: [{ provide: NG_VALIDATORS, useExisting: CustomValidatorDirective, multi: true }],
})
class CustomValidatorDirective implements Validator {
  validate(control: AbstractControl): ValidationErrors | null {
    return { 'custom': true };
  }
}
 * ```
 * @publicApi
 * @export const NG_VALIDATORS = new InjectionToken<Array<Validator|Function>>('NgValidators');
 * @description
 * An `InjectionToken` for registering additional asynchronous validators used with `AbstractControl`s.
 * @see `NG_ASYNC_VALIDATORS`
 * @publicApi
 * @export const NG_ASYNC_VALIDATORS = new InjectionToken<Array<Validator|Function>>('NgAsyncValidators');
 * @description
 * A regular expression that matches valid e-mail addresses.
 * At a high level, this regexp matches e-mail addresses of the format `local-part@tld`, where:
 * - `local-part` consists of one or more of the allowed characters (alphanumeric and some punctuation symbols).
 * - `local-part` cannot begin or end with a period (.).
 * - `local-part` cannot be longer than 64 characters.
 * - `tld` consists of one or more `labels` separated by periods (.). For example `localhost` or `foo.com`.
 * - A `label` consists of one or more of the allowed characters (alphanumeric, dashes (-) and periods (.)).
 * - A `label` cannot begin or end with a dash (-) or a period (.).
 * - A `label` cannot be longer than 63 characters.
 * - The whole address cannot be longer than 254 characters.
 * ## Implementation background
 * This regexp was ported over from AngularJS (see there for git history):

```

<https://github.com/angular/angular.js/blob/c133ef836/src/ng/directive/input.js#L27> It is based on the [WHATWG version](<https://html.spec.whatwg.org/multipage/input.html#valid-e-mail-address>) with some enhancements to incorporate more RFC rules (such as rules related to domain names and the lengths of different parts of the address). The main differences from the WHATWG version are:

- Disallow `local-part` to begin or end with a period (`.`).
- Disallow `local-part` length to exceed 64 characters.
- Disallow total address length to exceed 254 characters.

See [this commit](<https://github.com/angular/angular.js/commit/f3f5cf72e>) for more details.

```

const EMAIL_REGEXP = /^(?=[1,254]$)(?=[1,64]@[a-zA-Z0-9!#$%&'*/+=?^_{}~]+(?:\.([a-zA-Z0-9!#$%&'*/+=?^_{}~]+)*@[a-zA-Z0-9]([a-zA-Z0-9]{0,61}[a-zA-Z0-9])?(\.([a-zA-Z0-9]([a-zA-Z0-9]{0,61}[a-zA-Z0-9])?)*$);

@description
* Provides a set of built-in validators that can be used by form controls.
* A validator is a function that processes a `FormControl` or collection of controls and returns an error map or null. A null map means that validation has passed.
* @see [Form Validation](/guide/form-validation)
* @publicApi
export class Validators {
  @description
  * Validator that requires the control's value to be greater than or equal to the provided number.
  * The validator exists only as a function and not as a directive.
  * @usageNotes
  * ### Validate against a minimum of 3
  * ```typescript
  * const control = new FormControl(2, Validators.min(3));
  * console.log(control.errors); // {min: {min: 3, actual: 2}}
  * ```
  * @returns A validator function that returns an error map with the `min` property if the validation check fails, otherwise `null`.
  * @see `updateValueAndValidity()`
  * static min(min: number): ValidatorFn {
  *   return (control: AbstractControl): ValidationErrors | null => {
  *     if (isEmptyInputValue(control.value) || isEmptyInputValue(min)) {
  *       return null; // don't validate empty values to allow optional controls
  *     }
  *     const value = parseFloat(control.value); // Controls with NaN values after parsing should be treated as not having a
  *     // minimum, per the HTML forms spec: https://www.w3.org/TR/html5/forms.html#attr-input-min
  *     return !isNaN(value) && value < min ? {min: {min: min, 'actual': control.value}} : null;
  *   };
  * }
  * @description
  * Validator that requires the control's value to be less than or equal to the provided number.
  * The validator exists only as a function and not as a directive.
  * @usageNotes
  * ### Validate against a maximum of 15
  * ```typescript
  * const control = new FormControl(16, Validators.max(15));
  * console.log(control.errors); // {max: {max: 15, actual: 16}}
  * ```
  * @returns A validator function that returns an error map with the `max` property if the validation check fails, otherwise `null`.
  * @see `updateValueAndValidity()`
  * static max(max: number): ValidatorFn {
  *   return (control: AbstractControl): ValidationErrors | null => {
  *     if (isEmptyInputValue(control.value) || isEmptyInputValue(max)) {
  *       return null; // don't validate empty values to allow optional controls
  *     }
  *     const value = parseFloat(control.value); // Controls with NaN values after parsing should be treated as not having a
  *     // maximum, per the HTML forms spec: https://www.w3.org/TR/html5/forms.html#attr-input-max
  *     return !isNaN(value) && value > max ? {max: {max: max, 'actual': control.value}} : null;
  *   };
  * }
  * @description
  * Validator that requires the control have a non-empty value.
  * @usageNotes
  * ### Validate that the field is non-empty
  * ```typescript
  * const control = new FormControl("", Validators.required);
  * console.log(control.errors); // {required: true}
  * ```
  * @returns An error map with the `required` property if the validation check fails, otherwise `null`.
  * @see `updateValueAndValidity()`
  * static required(control: AbstractControl): ValidationErrors | null {
  *   return isEmptyInputValue(control.value) ? {required: true} : null;
  * }
  * @description
  * Validator that requires the control's value be true. This validator is commonly used for required checkboxes.
  * @usageNotes
  * ### Validate that the field value is true
  * ```typescript
  * const control = new FormControl("", Validators.requiredTrue);
  * console.log(control.errors); // {required: true}
  * ```
  * @returns An error map that contains the `required` property set to `true` if the validation check fails, otherwise `null`.
  * @see `updateValueAndValidity()`
  * static requiredTrue(control: AbstractControl): ValidationErrors | null {
  *   return control.value === true ? null : {required: true};
  * }
  * @description
  * Validator that requires the control's value pass an email validation test.
  * Tests the value using a [regular expression](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Regular\_Expressions) pattern

```

suitable for common usecases. The pattern is based on the definition of a valid email address in the [WHATWG HTML specification](https://html.spec.whatwg.org/multipage/input.html#valid-e-mail-address) with some enhancements to incorporate more RFC rules (such as rules related to domain names and the lengths of different parts of the address). The differences from the WHATWG version include:

- Disallow `local-part` (the part before the `@` symbol) to begin or end with a period (`.`).
- Disallow `local-part` to be longer than 64 characters.
- Disallow the whole address to be longer than 254 characters.

If this pattern does not satisfy your business needs, you can use `Validators.pattern()` to validate the value against a different pattern.

```

@usageNotes
### Validate that the field matches a valid email pattern
```typescript
const control = new FormControl('bad@', Validators.email);
console.log(control.errors); // {email: true}
```
@returns An error map with the `email` property if the validation check fails, otherwise `null`.
@see `updateValueAndValidity()`
/n
/n
static email(control: AbstractControl): ValidationErrors | null {
  if (isEmptyInputValue(control.value)) {
    return null; // don't validate empty values to allow optional controls
  }
  return EMAIL_REGEXP.test(control.value) ? null : {email: true};
}
/n
/n
/**
 * @description
 * Validator that requires the length of the control's value to be greater than or equal to the provided minimum length. This validator is also provided by default if you use the HTML5 `minlength` attribute.
 * @usageNotes
 * ### Validate that the field has a minimum of 3 characters
 * ```typescript
 * const control = new FormControl('ng', Validators.minLength(3));
 * console.log(control.errors); // {minlength: {requiredLength: 3, actualLength: 2}}
 * ```
 * @returns A validator function that returns an error map with the `minlength` if the validation check fails, otherwise `null`.
 * @see `updateValueAndValidity()`
 * /n
 * /n
 * static minLength(minLength: number): ValidatorFn {
 *   return (control: AbstractControl): ValidationErrors | null => {
 *     if (isEmptyInputValue(control.value)) {
 *       return null; // don't validate empty values to allow optional controls
 *     }
 *     const length: number = control.value ? control.value.length : 0;
 *     return length < minLength ? {minlength: {requiredLength: minLength, actualLength: length}} : null;
 *   };
 * }
 * /n
 * /n
 * @description
 * Validator that requires the length of the control's value to be less than or equal to the provided maximum length. This validator is also provided by default if you use the HTML5 `maxlength` attribute.
 * @usageNotes
 * ### Validate that the field has maximum of 5 characters
 * ```typescript
 * const control = new FormControl('Angular', Validators.maxLength(5));
 * console.log(control.errors); // {maxlength: {requiredLength: 5, actualLength: 7}}
 * ```
 * @returns A validator function that returns an error map with the `maxlength` property if the validation check fails, otherwise `null`.
 * @see `updateValueAndValidity()`
 * /n
 * /n
 * static maxLength(maxLength: number): ValidatorFn {
 *   return (control: AbstractControl): ValidationErrors | null => {
 *     const length: number = control.value ? control.value.length : 0;
 *     return length > maxLength ? {maxlength: {requiredLength: maxLength, actualLength: length}} : null;
 *   };
 * }
 * /n
 * /n
 * @description
 * Validator that requires the control's value to match a regex pattern. This validator is also provided by default if you use the HTML5 `pattern` attribute.
 * @usageNotes
 * ### Validate that the field only contains letters or spaces
 * ```typescript
 * const control = new FormControl('1', Validators.pattern('[a-zA-Z ]*'));
 * console.log(control.errors); // {pattern: {requiredPattern: '^[a-zA-Z ]*$', actualValue: '1'}}
 * ```
 * @param pattern A regular expression to be used as to test the values, or a string. If a string is passed, the `^` character is prepended and the `$` character is appended to the provided string (if not already present), and the resulting regular expression is used to test the values.
 * @returns A validator function that returns an error map with the `pattern` property if the validation check fails, otherwise `null`.
 * @see `updateValueAndValidity()`
 * /n
 * /n
 * static pattern(pattern: string | RegExp): ValidatorFn {
 *   if (!pattern) return Validators.nullValidator;
 *   let regex: RegExp;
 *   let regexStr: string;
 *   if (typeof pattern === 'string') {
 *     regexStr = ";
 *     if (pattern.charAt(0) !== '^') regexStr += '^';
 *     regexStr += pattern;
 *     if (pattern.charAt(pattern.length - 1) !== '$') regexStr += '$';
 *     regex = new RegExp(regexStr);
 *   } else {
 *     regexStr = pattern.toString();
 *     regex = pattern;
 *   }
 * }

```



```

}\n  return (control: AbstractControl): ValidationErrors | null => {\n    if (isEmptyInputValue(control.value)) {\n      return null; // don't validate empty values to allow optional controls\n    }\n    const value: string =\n      control.value;\n    return regex.test(value) ? null :\n      {\n        'pattern': {'requiredPattern': regexStr,\n          'actualValue': value\n        }\n      }\n  }\n}\n\n/**\n * @description\n * Validator that performs no operation.\n *\n * @see `updateValueAndValidity()`\n *\n * ^\n static nullValidator(control: AbstractControl): ValidationErrors|null\n {\n  return null;\n}\n\n/**\n * @description\n * Compose multiple validators into a single function that returns the\n * union\n * of the individual error maps for the provided control.\n *\n * @returns A validator function that\n * returns an error map with the\n * merged error maps of the validators if the validation check fails, otherwise\n * `null`.\n *\n * @see `updateValueAndValidity()`\n *\n * ^\n static compose(validators: null): null;\n static\n  compose(validators: (ValidatorFn|null|undefined][]): ValidatorFn|null;\n static\n  compose(validators:\n    (ValidatorFn|null|undefined)[]|null): ValidatorFn|null {\n    if (!validators) return null;\n    const presentValidators:\n      ValidatorFn[] = validators.filter(isPresent) as any;\n    if (presentValidators.length === 0) return null;\n\n    return\n      function(control: AbstractControl) {\n        return _mergeErrors(_executeValidators(control, presentValidators));\n      }\n  }\n}\n\n/**\n * @description\n * Compose multiple async validators into a single function that returns the\n * union\n * of the individual error objects for the provided control.\n *\n * @returns A validator function that\n * returns an error map with the\n * merged error objects of the async validators if the validation check fails,\n * otherwise `null`.\n *\n * @see `updateValueAndValidity()`\n *\n * ^\n static composeAsync(validators:\n  (AsyncValidatorFn|null)[]): AsyncValidatorFn|null {\n  if (!validators) return null;\n  const presentValidators:\n    AsyncValidatorFn[] = validators.filter(isPresent) as any;\n  if (presentValidators.length === 0) return null;\n\n  return\n    function(control: AbstractControl) {\n      const observables = _executeAsyncValidators(control,\n        presentValidators).map(toObservable);\n      return forkJoin(observables).pipe(map(_mergeErrors));\n    }\n  }\n}\n\nfunction isPresent(o: any): boolean {\n  return o != null;\n}\n\nexport function toObservable(r: any):\n  Observable<any> {\n  const obs = isPromise(r) ? from(r) : r;\n  if (!(isObservable(obs))) {\n    throw new\n      Error('Expected validator to return Promise or Observable.);\n  }\n  return obs;\n}\n\nfunction\n  _executeValidators(control: AbstractControl, validators: ValidatorFn[]): any[] {\n  return validators.map(v =>\n    v(control));\n}\n\nfunction\n  _executeAsyncValidators(control: AbstractControl, validators: AsyncValidatorFn[]):\n  any[] {\n  return validators.map(v => v(control));\n}\n\nfunction\n  _mergeErrors(arrayOfErrors: ValidationErrors[]):\n  ValidationErrors|null {\n  let res: {[key: string]: any} = {};\n\n  // Not using Array.reduce here due to a Chrome 80\n  bug\n  // https://bugs.chromium.org/p/chromium/issues/detail?id=1049982\n  arrayOfErrors.forEach((errors:\n    ValidationErrors | null) => {\n    res = errors != null ? {...res !, ...errors} : res !;\n  });\n\n  return\n    Object.keys(res).length === 0 ? null : res;\n}\n\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at\n  https://angular.io/license\n */\n\nimport { AbstractControl } from './model';\nimport { AsyncValidator,\n  AsyncValidatorFn, Validator, ValidatorFn } from './validators';\n\nexport function normalizeValidator(validator:\n  ValidatorFn | Validator): ValidatorFn {\n  if ((<Validator>validator).validate) {\n    return (c: AbstractControl) =>\n      (<Validator>validator).validate(c);\n  } else {\n    return <ValidatorFn>validator;\n  }\n}\n\nexport function\n  normalizeAsyncValidator(validator: AsyncValidatorFn | AsyncValidator):\n  AsyncValidatorFn {\n  if\n    ((<AsyncValidator>validator).validate) {\n    return (c: AbstractControl) =>\n      (<AsyncValidator>validator).validate(c);\n  } else {\n    return <AsyncValidatorFn>validator;\n  }\n}\n\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-\n  style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport { Directive,\n  ElementRef, Renderer2, forwardRef } from '@angular/core';\nimport { ControlValueAccessor,\n  NG_VALUE_ACCESSOR } from './control_value_accessor';\n\nexport const NUMBER_VALUE_ACCESSOR:\n  any = {\n  provide: NG_VALUE_ACCESSOR,\n  useExisting: forwardRef(() => NumberValueAccessor),\n  multi:\n    true\n};\n\n/**\n * @description\n * The `ControlValueAccessor` for writing a number value and listening to\n * number input changes.\n * The value accessor is used by the `FormControlDirective`, `FormControlName`, and\n * `NgModel`\n * directives.\n *\n * @usageNotes\n *\n * ### Using a number input with a reactive form.\n *\n * The\n * following example shows how to use a number input with a reactive form.\n *\n * ``\n  ts\n * const totalCountControl

```

```

= new FormControl();\n * ``\n *\n * ``\n * <input type="number" [formControl]="totalCountControl">\n * ``\n *\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n *\n @Directive({\n selector:\n 'input[type=number][formControlName],input[type=number][formControl],input[type=number][ngModel]',\n host:\n {\n (change): 'onChange($event.target.value)',\n (input): 'onChange($event.target.value)',\n (blur):\n 'onTouched()' \n },\n providers: [NUMBER_VALUE_ACCESSOR]\n })\nexport class NumberValueAccessor\n implements ControlValueAccessor {\n /**\n * @description\n * The registered callback function called when a\n change or input event occurs on the input\n * element.\n *\n onChange = (_: any) => {};\n /**\n * @description\n * The registered callback function called when a blur event occurs on the input element.\n *\n onTouched = () => {};\n\n constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {\n /**\n * Sets the "value" property on the input element.\n *\n * @param value The checked value\n *\n writeValue(value: number): void {\n // The value needs to be normalized for IE9, otherwise it is set to 'null' when\n null\n const normalizedValue = value == null ? '' : value;\n\n this._renderer.setProperty(this._elementRef.nativeElement, 'value', normalizedValue);\n }\n\n /**\n * @description\n * Registers a function called when the control value changes.\n *\n * @param fn The callback\n function\n *\n registerOnChange(fn: (_: number|null) => void): void {\n this.onChange = (value) => { fn(value\n == '' ? null : parseFloat(value)); }\n }\n\n /**\n * @description\n * Registers a function called when the control\n is touched.\n *\n * @param fn The callback function\n *\n registerOnTouched(fn: () => void): void {\n this.onTouched = fn; }\n\n /**\n * Sets the "disabled" property on the input element.\n *\n * @param\n isDisabled The disabled value\n *\n setDisabledState(isDisabled: boolean): void {\n this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n }\n\n"/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that\n can be\n * found in the LICENSE file at https://angular.io/license\n *\n\nimport {Directive, ElementRef, Injectable,\n Injector, Input, OnDestroy, OnInit, Renderer2, forwardRef} from '@angular/core';\nimport\n {ControlValueAccessor, NG_VALUE_ACCESSOR} from './control_value_accessor';\nimport {NgControl} from\n './ng_control';\n\nexport const RADIO_VALUE_ACCESSOR: any = {\n provide: NG_VALUE_ACCESSOR,\n useExisting: forwardRef(() => RadioControlValueAccessor),\n multi: true\n};\n\n/**\n * @description\n * Class\n used by Angular to track radio buttons. For internal use only.\n *\n @Injectable()\nexport class\n RadioControlRegistry {\n private _accessors: any[] = [];\n /**\n * @description\n * Adds a control to the\n internal registry. For internal use only.\n *\n add(control: NgControl, accessor: RadioControlValueAccessor) {\n this._accessors.push([control, accessor]);\n }\n\n /**\n * @description\n * Removes a control from the internal\n registry. For internal use only.\n *\n remove(accessor: RadioControlValueAccessor) {\n for (let i =\n this._accessors.length - 1; i >= 0; --i) {\n if (this._accessors[i][1] === accessor) {\n this._accessors.splice(i,\n 1);\n return;\n }\n }\n }\n\n /**\n * @description\n * Selects a radio button. For internal use only.\n *\n select(accessor: RadioControlValueAccessor) {\n this._accessors.forEach((c) => {\n if\n (this._isSameGroup(c, accessor) && c[1] !== accessor) {\n c[1].fireUncheck(accessor.value);\n }\n });\n }\n\n private _isSameGroup(\n controlPair: [NgControl, RadioControlValueAccessor],\n accessor:\n RadioControlValueAccessor): boolean {\n if (!controlPair[0].control) return false;\n return\n controlPair[0]._parent === accessor._control._parent &&\n controlPair[1].name === accessor.name;\n }\n\n"/**\n * @description\n * The `ControlValueAccessor` for writing radio control values and listening to radio\n control\n * changes. The value accessor is used by the `FormControlDirective`, `FormControlName`, and\n *\n `NgModel` directives.\n *\n * @usageNotes\n *\n * ### Using radio buttons with reactive form directives\n *\n * The follow example shows how to use radio buttons in a reactive form. When using radio buttons in\n *\n a reactive\n form, radio buttons in the same group should have the same `formControlName`.\n *\n Providing a `name` attribute is\n optional.\n *\n * {\n @example forms/ts/reactiveRadioButtons/reactive_radio_button_example.ts\n region='Reactive'\n }\n *\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n *\n @Directive({\n selector:\n 'input[type=radio][formControlName],input[type=radio][formControl],input[type=radio][ngModel]',\n host:\n {\n (change): 'onChange()',\n (blur): 'onTouched()' \n },\n providers: [RADIO_VALUE_ACCESSOR]\n })\nexport

```

```

class RadioControlValueAccessor implements ControlValueAccessor,\n  OnDestroy, OnInit {\n  /** @internal\n  *\n  // TODO(issue/24571): remove '!.\n  _state !: boolean;\n  /** @internal *\n  // TODO(issue/24571): remove\n  '!.\n  _control !: NgControl;\n  /** @internal *\n  // TODO(issue/24571): remove\n  '!.\n  _fn !: Function;\n  /**\n  *\n  @description\n  * The registered callback function called when a change event occurs on the input element.\n  *\n  on\n  change = () => {};\n  /**\n  *\n  @description\n  * The registered callback function called when a blur\n  event occurs on the input element.\n  *\n  on\n  Touched = () => {};\n  /**\n  *\n  @description\n  * Tracks the name\n  of the radio input element.\n  *\n  // TODO(issue/24571): remove\n  '!.\n  @Input() name !: string;\n  /**\n  *\n  @description\n  * Tracks the name of the `FormControl`\n  bound to the directive. The name corresponds\n  * to a\n  key in the parent `FormGroup` or `FormArray`.\n  *\n  // TODO(issue/24571): remove\n  '!.\n  @Input()\n  form\n  controlName !: string;\n  /**\n  *\n  @description\n  * Tracks the value of the radio input element\n  *\n  @Input()\n  value: any;\n  constructor(\n    private _renderer: Renderer2, private _elementRef: ElementRef,\n    private _registry: RadioControlRegistry, private _injector: Injector) {\n  /**\n  *\n  @description\n  * A lifecycle\n  method called when the directive is initialized. For internal use only.\n  *\n  ng\n  OnInit(): void {\n    this._control =\n    this._injector.get(NgControl);\n    this._checkName();\n    this._registry.add(this._control, this);\n  }\n  /**\n  *\n  @description\n  * Lifecycle method called before the directive's instance is destroyed. For internal use only.\n  *\n  ng\n  OnDestroy(): void {\n    this._registry.remove(this);\n  }\n  /**\n  *\n  @description\n  * Sets the `checked`\n  property\n  value on the radio input element.\n  *\n  @param value The checked value\n  *\n  write\n  Value(value: any): void\n  {\n    this._state = value === this.value;\n    this._renderer.setProperty(this._elementRef.nativeElement, 'checked',\n    this._state);\n  }\n  /**\n  *\n  @description\n  * Registers a function called when the control value changes.\n  *\n  @param\n  fn The callback function\n  *\n  register\n  onChange(fn: (_: any) => {}): void {\n    this._fn = fn;\n    this.onChange = () => {\n      fn(this.value);\n      this._registry.select(this);\n    };\n  }\n  /**\n  *\n  @description\n  * Sets the `value`\n  on the\n  radio input element and unchecks it.\n  *\n  @param\n  value\n  *\n  fire\n  Uncheck(value: any): void {\n    this.writeValue(value);\n  }\n  /**\n  *\n  @description\n  * Registers a function called when the control is touched.\n  *\n  @param\n  fn The callback function\n  *\n  register\n  OnTouched(fn: () => {}): void {\n    this.onTouched = fn;\n  }\n  /**\n  *\n  @description\n  * Sets the `disabled`\n  property\n  on the\n  input element.\n  *\n  @param\n  isDisabled The disabled value\n  *\n  set\n  DisabledState(isDisabled: boolean): void {\n    this._renderer.setProperty(this._elementRef.nativeElement,\n    'disabled', isDisabled);\n  }\n  private _checkName(): void {\n    if (this.name && this.formControlName &&\n    this.name !== this.formControlName) {\n      this._throwNameError();\n    }\n    if (!this.name &&\n    this.formControlName) this.name = this.formControlName;\n  }\n  private _throwNameError(): void {\n    throw\n    new Error(`\n    If you define both a name and a formControlName attribute on your radio button, their values\n    must match. Ex: <input type="radio" formControlName="food" name="food">\n    `);\n  }\n  /**\n  *\n  @license\n  * Copyright Google Inc. All Rights Reserved.\n  *\n  * Use of this source code is governed by an MIT-\n  style\n  license that can be\n  * found in the LICENSE file at https://angular.io/license\n  *\n  import {Directive,\n  ElementRef, Renderer2, StaticProvider, forwardRef} from '@angular/core';\n  import {ControlValueAccessor,\n  NG_VALUE_ACCESSOR} from './control_value_accessor';\n  export const RANGE_VALUE_ACCESSOR:\n  Static\n  Provider = {\n    provide: NG_VALUE_ACCESSOR,\n    useExisting: forwardRef(() =>\n  Range\n  ValueAccessor),\n    multi: true\n  };\n  /**\n  *\n  @description\n  * The `ControlValueAccessor` for writing a\n  range\n  value and listening to range input changes.\n  *\n  * The\n  value accessor is used by the `FormControlDirective`,\n  `Form\n  ControlName`, and `NgModel` directives.\n  *\n  @usage\n  Notes\n  *\n  ###\n  Using a range input with a reactive form\n  *\n  The\n  following example shows how to use a range input with a reactive form.\n  *\n  ````\n  const\n  ageControl = new FormControl();\n  ````\n  *\n  ````\n  <input type="range"\n  [form\n  control]="ageControl">\n  ````\n  *\n  @ngModule\n  ReactiveFormsModule\n  *\n  @ngModule\n  FormsModule\n  *\n  @public\n  Api\n  *\n  @Directive({\n    selector:\n  '\n  input[type=range][formControlName],input[type=range][formControl],input[type=range][ngModel]',\n    host: {\n  (change):\n  'onChange($event.target.value)',\n  (input):\n  'onChange($event.target.value)',\n  (blur):\n  'onTouched()\n  },\n    providers: [RANGE_VALUE_ACCESSOR]\n  })\n  export\n  class\n  Range\n  Value\n  Accessor\n  implements\n  Control\n  Value\n  Accessor {\n  /**\n  *\n  @description\n  * The registered callback function called when a\n  change\n  or input event occurs on the input\n  *\n  element.\n  *\n  on\n  Change = (_: any) => {};\n  /**\n  *\n  *

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    @description\n * The registered callback function called when a blur event occurs on the input element.\n */\n
    onTouched = () => {};\n\n constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {\n\n
    /**\n * Sets the \"value\" property on the input element.\n * \n * @param value The checked value\n */\n
    writeValue(value: any): void {\n this._renderer.setProperty(this._elementRef.nativeElement, 'value',
    parseFloat(value));\n }\n\n /**\n * @description\n * Registers a function called when the control value
    changes.\n * \n * @param fn The callback function\n */\n registerOnChange(fn: (_: number|null) => void): void
    {\n this.onChange = (value) => { fn(value == \" ? null : parseFloat(value)); };\n }\n\n /**\n * @description\n *
    Registers a function called when the control is touched.\n * \n * @param fn The callback function\n */\n
    registerOnTouched(fn: () => void): void { this.onTouched = fn; }\n\n /**\n * Sets the \"disabled\" property on the
    range input element.\n * \n * @param isDisabled The disabled value\n */\n setDisabledState(isDisabled:
    boolean): void {\n this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n
    }\n\n\n /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * \n * Use of this source code is
    governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n
    */\n\n export const FormErrorExamples = {\n formControlName: \n <div [formGroup]=\"myGroup\">\n
    <input formControlName=\"firstName\">\n </div>\n\n In your class:\n\n this.myGroup = new FormGroup({\n
    firstName: new FormControl()\n });\n\n FormGroupName: \n <div [formGroup]=\"myGroup\">\n <div
    FormGroupName=\"person\">\n <input formControlName=\"firstName\">\n </div>\n </div>\n\n In
    your class:\n\n this.myGroup = new FormGroup({\n person: new FormGroup({ firstName: new FormControl()
    })\n });\n\n FormGroupArrayName: \n <div [formGroup]=\"myGroup\">\n <div FormGroupArrayName=\"cities\">\n
    <div *ngFor=\"let city of cityArray.controls; index as i\">\n <input [formControlName]=\"i\">\n
    </div>\n </div>\n </div>\n\n In your class:\n\n this.cityArray = new FormArray([new
    FormControl('SF')]);\n this.myGroup = new FormGroup({\n cities: this.cityArray\n });\n\n ngModelGroup:
    \n <form>\n <div ngModelGroup=\"person\">\n <input [(ngModel)]=\"person.name\"
    name=\"firstName\">\n </div>\n </form>\n\n ngModelWithFormGroup: \n <div
    [formGroup]=\"myGroup\">\n <input formControlName=\"firstName\">\n <input
    [(ngModel)]=\"showMoreControls\" [ngModelOptions]=\"{standalone: true}\">\n </div>\n \n};\n\n /**\n *
    @license\n * Copyright Google Inc. All Rights Reserved.\n * \n * Use of this source code is governed by an MIT-
    style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\n\n import
    {FormErrorExamples as Examples} from './error_examples';\n\n export class ReactiveErrors {\n static
    controlParentException(): void {\n throw new Error(\n `formControlName must be used with a parent
    FormGroup directive. You'll want to add a FormGroup\n directive and pass it an existing FormGroup instance
    (you can create one in your class).\n\n Example:\n\n ${Examples.formControlName}`);\n }\n\n static
    ngModelGroupException(): void {\n throw new Error(\n `formControlName cannot be used with an
    ngModelGroup parent. It is only compatible with parents\n that also have a \"form\" prefix: FormGroupName,
    FormGroupArrayName, or FormGroup.\n\n Option 1: Update the parent to be FormGroupName (reactive form
    strategy)\n\n ${Examples.formGroupName}\n\n Option 2: Use ngModel instead of FormControlName
    (template-driven strategy)\n\n ${Examples.ngModelGroup}`);\n }\n\n static missingFormException(): void {\n
    throw new Error(`FormGroup expects a FormGroup instance. Please pass one in.\n\n Example:\n\n
    ${Examples.formControlName}`);\n }\n\n static groupParentException(): void {\n throw new Error(\n
    `FormGroupName must be used with a parent FormGroup directive. You'll want to add a FormGroup\n directive
    and pass it an existing FormGroup instance (you can create one in your class).\n\n Example:\n\n
    ${Examples.formGroupName}`);\n }\n\n static arrayParentException(): void {\n throw new Error(\n
    `FormGroupArrayName must be used with a parent FormGroup directive. You'll want to add a FormGroup\n
    directive and pass it an existing FormGroup instance (you can create one in your class).\n\n Example:\n\n
    ${Examples.formArrayName}`);\n }\n\n static disabledAttrWarning(): void {\n console.warn(`\n It looks like
    you're using the disabled attribute with a reactive form directive. If you set disabled to true\n when you set up
    this control in your component class, the disabled attribute will actually be set in the DOM for\n you. We recommend
    using this approach to avoid 'changed after checked' errors.\n\n \n Example: \n form = new FormGroup({\n
  
```

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first: new FormControl({ value: 'Nancy', disabled: true }, Validators.required),\n      last: new
FormControl('Drew', Validators.required)\n    });\n  });\n}\n\nstatic ngModelWarning.directiveName: string):
void {\n  console.warn(`\n  It looks like you're using ngModel on the same form field as ${directiveName}. \n
Support for using the ngModel input property and ngModelChange event with \n  reactive form directives has been
deprecated in Angular v6 and will be removed \n  in Angular v7.\n  \n  For more information on this, see our API
docs here:\n  https://angular.io/api/forms/${directiveName} === 'formControl' ? 'FormControlDirective' \n  :
'FormControlName')#\n  use-with-ngmodel\n  `);\n}\n}\n\n"/**\n * @license\n * Copyright Google Inc. All Rights
Reserved.\n * \n * Use of this source code is governed by an MIT-style license that can be\n * found in the
LICENSE file at https://angular.io/license\n * \n\nimport {Directive, ElementRef, Host, Input, OnDestroy, Optional,
Renderer2, StaticProvider, forwardRef, ÉlooseIdentical as looseIdentical} from '@angular/core';\n\nimport
{ControlValueAccessor, NG_VALUE_ACCESSOR} from './control_value_accessor';\n\nexport const
SELECT_VALUE_ACCESSOR: StaticProvider = {\n  provide: NG_VALUE_ACCESSOR,\n  useExisting:
forwardRef(() => SelectControlValueAccessor),\n  multi: true\n};\n\nfunction _buildValueString(id: string | null,
value: any): string {\n  if (id == null) return `${value}`;\n  if (value && typeof value === 'object') value = 'Object';\n
return `${id}: ${value}`.slice(0, 50);\n}\n\nfunction _extractId(valueString: string): string {\n  return
valueString.split(':')[0];\n}\n\n/**\n * @description\n * The `ControlValueAccessor` for writing select control
values and listening to select control\n * changes. The value accessor is used by the `FormControlDirective`,
`FormControlName`, and\n * `NgModel` directives.\n * \n * @usageNotes\n * \n * ### Using select controls in a
reactive form\n * \n * The following examples show how to use a select control in a reactive form.\n * \n *
{@example forms/ts/reactiveSelectControl/reactive_select_control_example.ts region='Component'}\n * \n * ###
Using select controls in a template-driven form\n * \n * To use a select in a template-driven form, simply add an
`ngModel` and a `name`\n * attribute to the main `<select>` tag.\n * \n * {@example
forms/ts/selectControl/select_control_example.ts region='Component'}\n * \n * ### Customizing option selection\n
*\n * Angular uses object identity to select option. It's possible for the identities of items\n * to change while the
data does not. This can happen, for example, if the items are produced\n * from an RPC to the server, and that RPC
is re-run. Even if the data hasn't changed, the\n * second response will produce objects with different identities.\n
*\n * To customize the default option comparison algorithm, `<select>` supports `compareWith` input.\n *
`compareWith` takes a **function** which has two arguments: `option1` and `option2`.\n * If `compareWith` is
given, Angular selects option by the return value of the function.\n * \n * ``ts\n * const selectedCountriesControl =
new FormControl();\n * ``\n * \n * ``\n * <select [compareWith]="compareFn"\n
[formControl]="selectedCountriesControl">\n *   <option *ngFor="let country of countries"\n
[ngValue]="country">\n *     {{country.name}}\n *   </option>\n * </select>\n * \n * compareFn(c1: Country,
c2: Country): boolean {\n *   return c1 && c2 ? c1.id === c2.id : c1 === c2;\n * }\n * ``\n * \n * **Note:** We
listen to the 'change' event because 'input' events aren't fired\n * for selects in Firefox and IE:\n *
https://bugzilla.mozilla.org/show_bug.cgi?id=1024350\n * https://developer.microsoft.com/en-us/microsoft-
edge/platform/issues/4660045/\n * \n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n *
@publicApi\n * \n @Directive({\n  selector:\n
'select:not([multiple])[formControlName],select:not([multiple])[formControl],select:not([multiple])[ngModel]',\n
host: {'(change)': 'onChange($event.target.value)', '(blur)': 'onTouched()' },\n  providers:
[SELECT_VALUE_ACCESSOR]\n})\n\nexport class SelectControlValueAccessor implements
ControlValueAccessor {\n  value: any;\n  /** @internal *\n  _optionMap: Map<string, any> = new Map<string,
any>();\n  /** @internal *\n  _idCounter: number = 0;\n  /**\n * @description\n * The registered callback
function called when a change event occurs on the input element.\n * \n * @\n  onChange = (_: any) => {};\n  /**\n *
@description\n * The registered callback function called when a blur event occurs on the input element.\n * \n *
onTouched = () => {};\n  /**\n * @description\n * Tracks the option comparison algorithm for tracking
identities when\n * checking for changes.\n * \n * @Input()\n  set compareWith(fn: (o1: any, o2: any) => boolean)
{\n    if (typeof fn !== 'function') {\n      throw new Error(`compareWith must be a function, but received
${JSON.stringify(fn)}`);\n    }\n    this._compareWith = fn;\n  }\n  private _compareWith: (o1: any, o2: any) =>

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boolean = looseIdentical;\n\n constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {\n\n
/**\n * Sets the \"value\" property on the input element. The \"selectedIndex\" property is also set if an ID is
provided on the option element.\n * @param value The checked value\n */\n writeValue(value: any): void
{\n this.value = value;\n const id: string|null = this._getOptionId(value);\n if (id == null) {\n
this._renderer.setProperty(this._elementRef.nativeElement, 'selectedIndex', -1);\n }\n const valueString =
_buildValueString(id, value);\n this._renderer.setProperty(this._elementRef.nativeElement, 'value', valueString);\n
}\n\n /**\n * @description\n * Registers a function called when the control value changes.\n * @param fn
The callback function\n */\n registerOnChange(fn: (value: any) => any): void {\n this.onChange = (valueString:
string) => {\n this.value = this._getOptionValue(valueString);\n fn(this.value);\n };\n }\n\n /**\n *
@description\n * Registers a function called when the control is touched.\n * @param fn The callback
function\n */\n registerOnTouched(fn: () => any): void { this.onTouched = fn; }\n\n /**\n * Sets the \"disabled\"
property on the select input element.\n * @param isDisabled The disabled value\n */\n
setDisabledState(isDisabled: boolean): void {\n this._renderer.setProperty(this._elementRef.nativeElement,
'disabled', isDisabled);\n }\n\n /** @internal */\n _registerOption(): string { return (this._idCounter++).toString();
}\n\n /** @internal */\n _getOptionId(value: any): string|null {\n for (const id of
Array.from(this._optionMap.keys())) {\n if (this._compareWith(this._optionMap.get(id), value)) return id;\n
}\n return null;\n }\n\n /** @internal */\n _getOptionValue(valueString: string): any {\n const id: string =
_extractId(valueString);\n return this._optionMap.has(id) ? this._optionMap.get(id) : valueString;\n }\n\n /**\n *
@description\n * Marks `<option>` as dynamic, so Angular can be notified when options change.\n * @see
`SelectControlValueAccessor`\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n *
@publicApi\n */\n @Directive({ selector: 'option'})\n export class NgSelectOption implements OnDestroy {\n /**\n
* @description\n * ID of the option element\n * @n // TODO(issue/24571): remove '!'.\n id!: string;\n\n
constructor(\n private _element: ElementRef, private _renderer: Renderer2,\n @Optional() @Host() private
_select: SelectControlValueAccessor) {\n if (this._select) this.id = this._select._registerOption();\n }\n\n /**\n
* @description\n * Tracks the value bound to the option element. Unlike the value binding,\n * ngValue supports
binding to objects.\n * @Input('ngValue')\n set ngValue(value: any) {\n if (this._select == null) return;\n
this._select._optionMap.set(this.id, value);\n this._setElementValue(_buildValueString(this.id, value));\n
this._select.writeValue(this._select.value);\n }\n\n /**\n * @description\n * Tracks simple string values bound to
the option element.\n * For objects, use the `ngValue` input binding.\n * @Input('value')\n set value(value:
any) {\n this._setElementValue(value);\n if (this._select) this._select.writeValue(this._select.value);\n }\n\n /**
* @internal */\n _setElementValue(value: string): void {\n this._renderer.setProperty(this._element.nativeElement,
'value', value);\n }\n\n /**\n * @description\n * Lifecycle method called before the directive's instance is
destroyed. For internal use only.\n * @n ngOnDestroy(): void {\n if (this._select) {\n
this._select._optionMap.delete(this.id);\n this._select.writeValue(this._select.value);\n }\n }\n\n /**\n
* @license\n * Copyright Google Inc. All Rights Reserved.\n * Use of this source code is governed by an MIT-
style license that can be\n * found in the LICENSE file at https://angular.io/license\n */\n\n import {Directive,
ElementRef, Host, Input, OnDestroy, Optional, Renderer2, StaticProvider, forwardRef, looseIdentical as
looseIdentical} from '@angular/core';\n\n import {ControlValueAccessor, NG_VALUE_ACCESSOR} from
'./control_value_accessor';\n\n export const SELECT_MULTIPLE_VALUE_ACCESSOR: StaticProvider = {\n
provide: NG_VALUE_ACCESSOR,\n useExisting: forwardRef(() => SelectMultipleControlValueAccessor),\n
multi: true\n};\n\n function _buildValueString(id: string, value: any): string {\n if (id == null) return `${value}`;\n if
(typeof value === 'string') value = `${value}`;\n if (value && typeof value === 'object') value = 'Object';\n return
`${id}: ${value}`.slice(0, 50);\n }\n\n function _extractId(valueString: string): string {\n return
valueString.split(':')[0];\n }\n\n /** Mock interface for HTML Options */\n interface HTMLOption {\n value:
string;\n selected: boolean;\n }\n\n /** Mock interface for HTMLCollection */\n abstract class HTMLCollection {\n
// TODO(issue/24571): remove '!'.\n length!: number;\n abstract item(_: number): HTMLOption;\n }\n\n /**\n
* @description\n * The `ControlValueAccessor` for writing multi-select control values and listening to multi-select
control\n * changes. The value accessor is used by the `FormControlDirective`, `FormControlName`, and

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`NgModel`\n * directives.\n * \n * @see `SelectControlValueAccessor`\n * \n * @usageNotes\n * \n * ### Using a
multi-select control\n * \n * The follow example shows you how to use a multi-select control with a reactive form.\n
* \n * ``ts\n * const countryControl = new FormControl();\n * ``\n * \n * ``\n * <select multiple
name="countries" [formControl]="countryControl">\n * <option *ngFor="let country of countries"
[ngValue]="country">\n *   {{ country.name }}\n * </option>\n * </select>\n * ``\n * \n * ### Customizing
option selection\n * \n * To customize the default option comparison algorithm, `<select>` supports `compareWith`
input.\n * See the `SelectControlValueAccessor` for usage.\n * \n * @ngModule ReactiveFormsModule\n *
@ngModule FormsModule\n * @publicApi\n * ^\n @Directive({\n selector:\n
'select[multiple][formControlName],select[multiple][formControl],select[multiple][ngModel]',\n host: {'(change)':
'onChange($event.target)', '(blur)': 'onTouched()'},\n providers:
[SELECT_MULTIPLE_VALUE_ACCESSOR]})\n\nexport class SelectMultipleControlValueAccessor implements
ControlValueAccessor {\n /**\n * @description\n * The current value\n * ^\n value: any;\n\n /** @internal *\n
_optionMap: Map<string, ÉµNgSelectMultipleOption> = new Map<string, ÉµNgSelectMultipleOption>();\n /**
@internal *\n _idCounter: number = 0;\n\n /**\n * @description\n * The registered callback function called
when a change event occurs on the input element.\n * ^\n onChange = (_: any) => {};\n\n /**\n * @description\n
* The registered callback function called when a blur event occurs on the input element.\n * ^\n onTouched = () =>
{};\n\n /**\n * @description\n * Tracks the option comparison algorithm for tracking identities when\n *
checking for changes.\n * ^\n @Input()\n set compareWith(fn: (o1: any, o2: any) => boolean) {\n if (typeof fn
!== 'function') {\n throw new Error('compareWith must be a function, but received ${JSON.stringify(fn)}');\n
}\n this._compareWith = fn;\n }\n\n private _compareWith: (o1: any, o2: any) => boolean = looseIdentical;\n\n
constructor(private _renderer: Renderer2, private _elementRef: ElementRef) {\n\n /**\n * @description\n * Sets
the "value" property on one or of more\n * of the select's options.\n * \n * @param value The value\n * ^\n
writeValue(value: any): void {\n this.value = value;\n let optionSelectedStateSetter: (opt:
ÉµNgSelectMultipleOption, o: any) => void;\n if (Array.isArray(value)) {\n // convert values to ids\n const
ids = value.map((v) => this._getOptionId(v));\n optionSelectedStateSetter = (opt, o) => {\n
opt._setSelected(ids.indexOf(o.toString()) > -1); }\n } else {\n optionSelectedStateSetter = (opt, o) => {\n
opt._setSelected(false); }\n }\n this._optionMap.forEach(optionSelectedStateSetter);\n }\n\n /**\n *
@description\n * Registers a function called when the control value changes\n * and writes an array of the
selected options.\n * \n * @param fn The callback function\n * ^\n registerOnChange(fn: (value: any) => any):
void {\n this.onChange = (_: any) => {\n const selected: Array<any> = [];\n if
(!_hasOwnProperty('selectedOptions')) {\n const options: HTMLCollection = _selectedOptions;\n for (let i
= 0; i < options.length; i++) {\n const opt: any = options.item(i);\n const val: any =
this._getOptionValue(opt.value);\n selected.push(val);\n }\n }\n // Degrade on IE\n else {\n
const options: HTMLCollection = <HTMLCollection>_options;\n for (let i = 0; i < options.length; i++) {\n
const opt: HTMLOption = options.item(i);\n if (opt.selected) {\n const val: any =
this._getOptionValue(opt.value);\n selected.push(val);\n }\n }\n }\n this.value = selected;\n
fn(selected);\n };\n }\n\n /**\n * @description\n * Registers a function called when the control is touched.\n
*\n * @param fn The callback function\n * ^\n registerOnTouched(fn: () => any): void { this.onTouched = fn;
}\n\n /**\n * Sets the "disabled" property on the select input element.\n * \n * @param isDisabled The disabled
value\n * ^\n setDisabledState(isDisabled: boolean): void {\n
this._renderer.setProperty(this._elementRef.nativeElement, 'disabled', isDisabled);\n }\n\n /** @internal *\n
_registerOption(value: ÉµNgSelectMultipleOption): string {\n const id: string = (this._idCounter++).toString();\n
this._optionMap.set(id, value);\n return id;\n }\n\n /** @internal *\n _getOptionId(value: any): string|null {\n
for (const id of Array.from(this._optionMap.keys())) {\n if (this._compareWith(this._optionMap.get(id) !._value,
value)) return id;\n }\n return null;\n }\n\n /** @internal *\n _getOptionValue(valueString: string): any {\n
const id: string = _extractId(valueString);\n return this._optionMap.has(id) ? this._optionMap.get(id) !._value :
valueString;\n }\n}\n\n/**\n * @description\n * Marks `<option>` as dynamic, so Angular can be notified when
options change.\n * \n * @see `SelectMultipleControlValueAccessor`\n * \n * @ngModule ReactiveFormsModule\n

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* @NgModule FormsModule\n * @publicApi\n *^n@Directive({selector: 'option'})\nexport class
ÉµNgSelectMultipleOption implements OnDestroy {\n // TODO(issue/24571): remove '!.\n id !: string;\n /**
@internal *\n _value: any;\n\n constructor(\n   private _element: ElementRef, private _renderer: Renderer2,\n   @Optional() @Host() private _select: SelectMultipleControlValueAccessor) {\n   if (this._select) {\n     this.id =
this._select._registerOption(this);\n   }\n }\n\n /**\n * @description\n * Tracks the value bound to the option
element. Unlike the value binding,\n * ngValue supports binding to objects.\n *^n @Input('ngValue')\n set
ngValue(value: any) {\n   if (this._select == null) return;\n   this._value = value;\n   this._setElementValue(_buildValueString(this.id, value));\n   this._select.writeValue(this._select.value);\n }\n\n
/**\n * @description\n * Tracks simple string values bound to the option element.\n * For objects, use the
`ngValue` input binding.\n *^n @Input('value')\n set value(value: any) {\n   if (this._select) {\n     this._value =
value;\n     this._setElementValue(_buildValueString(this.id, value));\n   }\n   this._select.writeValue(this._select.value);\n } else {\n   this._setElementValue(value);\n }\n }\n\n /**
@internal *\n _setElementValue(value: string): void {\n   this._renderer.setProperty(this._element.nativeElement,
'value', value);\n }\n\n /** @internal *\n _setSelected(selected: boolean) {\n   this._renderer.setProperty(this._element.nativeElement, 'selected', selected);\n }\n\n /**\n * @description\n *
Lifecycle method called before the directive's instance is destroyed. For internal use only.\n *^n ngOnDestroy():
void {\n   if (this._select) {\n     this._select._optionMap.delete(this.id);\n     this._select.writeValue(this._select.value);\n   }\n }\n\nexport {ÉµNgSelectMultipleOption as
NgSelectMultipleOption};\n", "/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this
source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n *\nimport {isDevMode, ÉµlooseIdentical as looseIdentical} from
'@angular/core';\nimport {FormArray, FormControl, FormGroup} from './model';\nimport {Validators} from
'./validators';\nimport {AbstractControlDirective} from './abstract_control_directive';\nimport
{AbstractFormGroupDirective} from './abstract_form_group_directive';\nimport {CheckboxControlValueAccessor}
from './checkbox_value_accessor';\nimport {ControlContainer} from './control_container';\nimport
{ControlValueAccessor} from './control_value_accessor';\nimport {DefaultValueAccessor} from
'./default_value_accessor';\nimport {NgControl} from './ng_control';\nimport {normalizeAsyncValidator,
normalizeValidator} from './normalize_validator';\nimport {NumberValueAccessor} from
'./number_value_accessor';\nimport {RadioControlValueAccessor} from './radio_control_value_accessor';\nimport
{RangeValueAccessor} from './range_value_accessor';\nimport {FormArrayName} from
'./reactive_directives/form_group_name';\nimport {ReactiveErrors} from './reactive_errors';\nimport
{SelectControlValueAccessor} from './select_control_value_accessor';\nimport
{SelectMultipleControlValueAccessor} from './select_multiple_control_value_accessor';\nimport {AsyncValidator,
AsyncValidatorFn, Validator, ValidatorFn} from './validators';\n\nexport function controlPath(name: string | null,
parent: ControlContainer): string[] {\n   return [...parent.path !, name !];\n }\n\nexport function setUpControl(control:
FormControl, dir: NgControl): void {\n   if (!control) _throwError(dir, 'Cannot find control with');\n   if
(!dir.valueAccessor) _throwError(dir, 'No value accessor for form control with');\n   control.validator =
Validators.compose([control.validator !, dir.validator]);\n   control.asyncValidator =
Validators.composeAsync([control.asyncValidator !, dir.asyncValidator]);\n   dir.valueAccessor
!.writeValue(control.value);\n   setUpViewChangePipeline(control, dir);\n   setUpModelChangePipeline(control,
dir);\n   setUpBlurPipeline(control, dir);\n   if (dir.valueAccessor !.setDisabledState) {\n     control.registerOnDisabledChange(\n       (isDisabled: boolean) => { dir.valueAccessor !.setDisabledState
!(isDisabled); });\n   }\n   // re-run validation when validator binding changes, e.g. minlength=3 -> minlength=4\n   dir._rawValidators.forEach((validator: Validator | ValidatorFn) => {\n     if
((<Validator>validator).registerOnValidatorChange)\n       (<Validator>validator).registerOnValidatorChange !(() =>
control.updateValueAndValidity());\n   });\n   dir._rawAsyncValidators.forEach((validator: AsyncValidator |
AsyncValidatorFn) => {\n     if ((<Validator>validator).registerOnValidatorChange)\n       (<Validator>validator).registerOnValidatorChange !(() => control.updateValueAndValidity());\n   });\n }\n\nexport

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function cleanUpControl(control: FormControl, dir: NgControl) {\n dir.valueAccessor !.registerOnChange(() =>
_noControlError(dir));\n dir.valueAccessor !.registerOnTouched(() => _noControlError(dir));\n\n
dir._rawValidators.forEach((validator: any) => {\n if (validator.registerOnValidatorChange) {\n
validator.registerOnValidatorChange(null);\n };\n\n dir._rawAsyncValidators.forEach((validator: any) =>
{\n if (validator.registerOnValidatorChange) {\n validator.registerOnValidatorChange(null);\n };\n\n
if (control) control._clearChangeFns();\n}\n\nfunction setUpViewChangePipeline(control: FormControl, dir:
NgControl): void {\n dir.valueAccessor !.registerOnChange((newValue: any) => {\n control._pendingValue =
newValue;\n control._pendingChange = true;\n control._pendingDirty = true;\n\n if (control.updateOn ===
'change') updateControl(control, dir);\n });\n}\n\nfunction setUpBlurPipeline(control: FormControl, dir:
NgControl): void {\n dir.valueAccessor !.registerOnTouched(() => {\n control._pendingTouched = true;\n\n
if (control.updateOn === 'blur' && control._pendingChange) updateControl(control, dir);\n if (control.updateOn !==
'submit') control.markAsTouched();\n });\n}\n\nfunction updateControl(control: FormControl, dir: NgControl):
void {\n if (control._pendingDirty) control.markAsDirty();\n control.setValue(control._pendingValue,
{emitModelToViewChange: false});\n dir.viewToModelUpdate(control._pendingValue);\n
control._pendingChange = false;\n}\n\nfunction setUpModelChangePipeline(control: FormControl, dir: NgControl):
void {\n control.registerOnChange((newValue: any, emitModelEvent: boolean) => {\n // control -> view\n
dir.valueAccessor !.writeValue(newValue);\n\n // control -> ngModel\n if (emitModelEvent)
dir.viewToModelUpdate(newValue);\n });\n}\n\nexport function setUpFormContainer(\n control: FormGroup |
FormArray, dir: AbstractFormGroupDirective | FormArrayName) {\n if (control == null) _throwError(dir, 'Cannot
find control with');\n control.validator = Validators.compose([control.validator, dir.validator]);\n
control.asyncValidator = Validators.composeAsync([control.asyncValidator, dir.asyncValidator]);\n}\n\nfunction
_noControlError(dir: NgControl) {\n return _throwError(dir, 'There is no FormControl instance attached to form
control element with');\n}\n\nfunction _throwError(dir: AbstractControlDirective, message: string): void {\n let
messageEnd: string;\n if (dir.path !.length > 1) {\n messageEnd = `path: ${dir.path!.join(' -> ')}";\n } else if
(dir.path ![0]) {\n messageEnd = `name: ${dir.path}`;\n } else {\n messageEnd = 'unspecified name attribute';\n
}\n throw new Error(`${message} ${messageEnd}`);\n}\n\nexport function composeValidators(validators:
Array<Validator|ValidatorFn>): ValidatorFn|null {\n return validators != null ?
Validators.compose(validators.map(normalizeValidator)) : null;\n}\n\nexport function
composeAsyncValidators(validators: Array<AsyncValidator|AsyncValidatorFn>):\n AsyncValidatorFn|null {\n
return validators != null ? Validators.composeAsync(validators.map(normalizeAsyncValidator)) :\n
null;\n}\n\nexport function isPropertyUpdated(changes: {[key: string]: any}, viewModel: any): boolean {\n if
(!changes.hasOwnProperty('model')) return false;\n const change = changes['model'];\n\n if
(change.isFirstChange()) return true;\n return !looseIdentical(viewModel, change.currentValue);\n}\n\nconst
BUILTIN_ACCESSORS = [\n CheckboxControlValueAccessor,\n RangeValueAccessor,\n
NumberValueAccessor,\n SelectControlValueAccessor,\n SelectMultipleControlValueAccessor,\n
RadioControlValueAccessor,\n];\n\nexport function isBuiltinAccessor(valueAccessor: ControlValueAccessor):
boolean {\n return BUILTIN_ACCESSORS.some(a => valueAccessor.constructor === a);\n}\n\nexport function
syncPendingControls(form: FormGroup, directives: NgControl[]): void {\n form._syncPendingControls();\n
directives.forEach(dir => {\n const control = dir.control as FormControl;\n if (control.updateOn === 'submit'
&& control._pendingChange) {\n dir.viewToModelUpdate(control._pendingValue);\n
control._pendingChange = false;\n };\n });\n}\n\n// TODO: vsavkin remove it once
https://github.com/angular/angular/issues/3011 is implemented\n\nexport function selectValueAccessor(\n dir:
NgControl, valueAccessors: ControlValueAccessor[]): ControlValueAccessor|null {\n if (!valueAccessors) return
null;\n\n if (!Array.isArray(valueAccessors))\n _throwError(dir, 'Value accessor was not provided as an array for
form control with');\n\n let defaultAccessor: ControlValueAccessor|undefined = undefined;\n let builtinAccessor:
ControlValueAccessor|undefined = undefined;\n let customAccessor: ControlValueAccessor|undefined =
undefined;\n\n valueAccessors.forEach((v: ControlValueAccessor) => {\n if (v.constructor ===
DefaultValueAccessor) {\n defaultAccessor = v;\n\n } else if (isBuiltinAccessor(v)) {\n if

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(builtinAccessor)\n      _throwError(dir, 'More than one built-in value accessor matches form control with');\n
builtinAccessor = v;\n    } else {\n      if (customAccessor)\n        _throwError(dir, 'More than one custom value\n        accessor matches form control with');\n        customAccessor = v;\n      }\n    });\n    if (customAccessor) return\n    customAccessor;\n    if (builtinAccessor) return builtinAccessor;\n    if (defaultAccessor) return defaultAccessor;\n    \n    _throwError(dir, 'No valid value accessor for form control with');\n    return null;\n  }\n}\n\nexport function\nremoveDir<T>(list: T[], el: T): void {\n  const index = list.indexOf(el);\n  if (index > -1) list.splice(index,\n  1);\n}\n\n// TODO(kara): remove after deprecation period\nexport function _ngModelWarning(\n  name: string,\n  type: { _ngModelWarningSentOnce: boolean },\n  instance: { _ngModelWarningSent: boolean }, warningConfig:\n  string | null) {\n  if (!isDevMode() || warningConfig === 'never') return;\n  if (((warningConfig === null ||\n  warningConfig === 'once') && !type._ngModelWarningSentOnce) ||\n  (warningConfig === 'always' &&\n  !instance._ngModelWarningSent)) {\n    ReactiveErrors.ngModelWarning(name);\n  }\n  type._ngModelWarningSentOnce = true;\n  instance._ngModelWarningSent = true;\n}\n}\n\n"/**\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license\n * that can be\n * found in the LICENSE file at https://angular.io/license\n */\nimport { EventEmitter } from\n '@angular/core';\nimport { Observable } from 'rxjs';\nimport { composeAsyncValidators, composeValidators } from\n './directives/shared';\nimport { AsyncValidatorFn, ValidationErrors, ValidatorFn } from\n './directives/validators';\nimport { toObservable } from './validators';\n\n/**\n * Reports that a FormControl is valid,\n * meaning that no errors exist in the input value.\n *\n * @see `status`\n */\nexport const VALID = 'VALID';\n\n/**\n * Reports that a FormControl is invalid, meaning that an error exists in the input value.\n *\n * @see `status`\n */\nexport const INVALID = 'INVALID';\n\n/**\n * Reports that a FormControl is pending, meaning that that async\n * validation is occurring and\n * errors are not yet available for the input value.\n *\n * @see `markAsPending`\n *\n * @see `status`\n */\nexport const PENDING = 'PENDING';\n\n/**\n * Reports that a FormControl is disabled,\n * meaning that the control is exempt from ancestor\n * calculations of validity or value.\n *\n * @see\n * `markAsDisabled`\n *\n * @see `status`\n */\nexport const DISABLED = 'DISABLED';\n\nfunction _find(control:\n AbstractControl, path: Array<string|number>| string, delimiter: string) {\n  if (path == null) return null;\n  if\n  (!Array.isArray(path)) {\n    path = path.split(delimiter);\n  }\n  if (Array.isArray(path) && path.length === 0)\n  return null;\n  // Not using Array.reduce here due to a Chrome 80 bug\n  //\n  https://bugs.chromium.org/p/chromium/issues/detail?id=1049982\n  let controlToFind: AbstractControl|null =\n  control;\n  path.forEach((name: string | number) => {\n    if (controlToFind instanceof FormGroup) {\n      controlToFind = controlToFind.controls.hasOwnProperty(name as string) ?\n        controlToFind.controls[name]\n      :\n      null;\n    } else if (controlToFind instanceof FormArray) {\n      controlToFind =\n      controlToFind.at(<number>name) || null;\n    } else {\n      controlToFind = null;\n    }\n  });\n  return\n  controlToFind;\n}\n\nfunction coerceToValidator(\n  validatorOrOpts?: ValidatorFn | ValidatorFn[] | \n  AbstractControlOptions | null): ValidatorFn|\n  null {\n  const validator =\n  (isOptionsObj(validatorOrOpts) ?\n  (validatorOrOpts as AbstractControlOptions).validators :\n  validatorOrOpts as ValidatorFn\n  |\n  ValidatorFn[] | null);\n  return Array.isArray(validator) ?\n  composeValidators(validator) :\n  validator ||\n  null;\n}\n\nfunction coerceToAsyncValidator(\n  asyncValidator?: AsyncValidatorFn | AsyncValidatorFn[] | null,\n  validatorOrOpts?: ValidatorFn | \n  ValidatorFn[] | AbstractControlOptions | null): AsyncValidatorFn|\n  null {\n  const origAsyncValidator =\n  (isOptionsObj(validatorOrOpts) ? (validatorOrOpts as\n  AbstractControlOptions).asyncValidators :\n  asyncValidator as AsyncValidatorFn\n  |\n  AsyncValidatorFn | null);\n  return Array.isArray(origAsyncValidator) ?\n  composeAsyncValidators(origAsyncValidator) :\n  origAsyncValidator ||\n  null;\n}\n\nexport type FormHooks = 'change' | 'blur' | 'submit';\n\n/**\n * Interface for options provided to an\n * `AbstractControl`.\n *\n * @publicApi\n */\nexport interface AbstractControlOptions {\n  /**\n * @description\n * The list of validators applied to a control.\n *\n * @see `validators?: ValidatorFn|ValidatorFn[]|null`\n */\n  validators?: ValidatorFn|ValidatorFn[]|null;\n  /**\n * @description\n * The list of async validators applied to control.\n *\n * @see `asyncValidators?:\n  AsyncValidatorFn|AsyncValidatorFn[]|null`\n */\n  asyncValidators?:\n  AsyncValidatorFn|AsyncValidatorFn[]|null;\n  /**\n * @description\n * The event name for control to update\n * upon.\n *\n * @see `updateOn?: 'change'|'blur'|'submit'`\n */\n  updateOn?: 'change'|'blur'|'submit';\n}\n}\n\nfunction isOptionsObj(\n  validatorOrOpts?: ValidatorFn

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| ValidatorFn[] | AbstractControlOptions | null): boolean {\n return validatorOrOpts != null &&
!Array.isArray(validatorOrOpts) &&\n   typeof validatorOrOpts === 'object';\n}\n\n/**\n * This is the base class
for `FormControl`, `FormGroup`, and `FormArray`.\n *\n * It provides some of the shared behavior that all controls
and groups of controls have, like\n * running validators, calculating status, and resetting state. It also defines the
properties\n * that are shared between all sub-classes, like `value`, `valid`, and `dirty`. It shouldn't be\n * instantiated
directly.\n *\n * @see [Forms Guide](/guide/forms)\n * @see [Reactive Forms Guide](/guide/reactive-forms)\n *
@see [Dynamic Forms Guide](/guide/dynamic-form)\n *\n * @publicApi\n */\nexport abstract class
AbstractControl {\n /** @internal */\n // TODO(issue/24571): remove '!.\n _pendingDirty!: boolean;\n\n /**
@internal */\n // TODO(issue/24571): remove '!.\n _pendingTouched!: boolean;\n\n /** @internal */\n
_onCollectionChange = () => {};\n\n /** @internal */\n // TODO(issue/24571): remove '!.\n _updateOn!:
FormHooks;\n\n // TODO(issue/24571): remove '!.\n private _parent!: FormGroup | FormArray;\n private
_asyncValidationSubscription: any;\n\n /**\n * The current value of the control.\n *\n * * For a `FormControl`,
the current value.\n * * For an enabled `FormGroup`, the values of enabled controls as an object\n * * with a key-
value pair for each member of the group.\n * * For a disabled `FormGroup`, the values of all controls as an object\n
* * with a key-value pair for each member of the group.\n * * For a `FormArray`, the values of enabled controls as
an array.\n *\n */\n public readonly value: any;\n\n /**\n * Initialize the AbstractControl instance.\n *\n *
@param validator The function that determines the synchronous validity of this control.\n * @param
asyncValidator The function that determines the asynchronous validity of this\n * control.\n */\n
constructor(public validator: ValidatorFn|null, public asyncValidator: AsyncValidatorFn|null) {\n\n /**\n * The
parent control.\n */\n get parent(): FormGroup|FormArray { return this._parent; }\n\n /**\n * The validation
status of the control. There are four possible\n * validation status values:\n * * **VALID**: This control has
passed all validation checks.\n * * **INVALID**: This control has failed at least one validation check.\n * *
**PENDING**: This control is in the midst of conducting a validation check.\n * * **DISABLED**: This control
is exempt from validation checks.\n *\n * These status values are mutually exclusive, so a control cannot be\n *
both valid AND invalid or invalid AND disabled.\n */\n // TODO(issue/24571): remove '!.\n public readonly
status!: string;\n\n /**\n * A control is `valid` when its `status` is `VALID`.\n *\n * @see {@link
AbstractControl.status}\n *\n * @returns True if the control has passed all of its validation tests,\n * false
otherwise.\n */\n get valid(): boolean { return this.status === VALID; }\n\n /**\n * A control is `invalid` when
its `status` is `INVALID`.\n *\n * @see {@link AbstractControl.status}\n *\n * @returns True if this control
has failed one or more of its validation checks,\n * false otherwise.\n */\n get invalid(): boolean { return
this.status === INVALID; }\n\n /**\n * A control is `pending` when its `status` is `PENDING`.\n *\n * @see
{@link AbstractControl.status}\n *\n * @returns True if this control is in the process of conducting a validation
check,\n * false otherwise.\n */\n get pending(): boolean { return this.status === PENDING; }\n\n /**\n * A
control is `disabled` when its `status` is `DISABLED`.\n *\n * Disabled controls are exempt from validation
checks and\n * are not included in the aggregate value of their ancestor\n * controls.\n *\n * @see {@link
AbstractControl.status}\n *\n * @returns True if the control is disabled, false otherwise.\n */\n get disabled():
boolean { return this.status === DISABLED; }\n\n /**\n * A control is `enabled` as long as its `status` is not
`DISABLED`.\n *\n * @returns True if the control has any status other than `DISABLED`,\n * false if the status
is `DISABLED`.\n *\n * @see {@link AbstractControl.status}\n *\n * @returns True if the control is in the process of conducting a validation
check,\n * false otherwise.\n */\n get enabled(): boolean { return
this.status !== DISABLED; }\n\n /**\n * An object containing any errors generated by failing validation,\n * or
null if there are no errors.\n */\n // TODO(issue/24571): remove '!.\n public readonly errors!: ValidationErrors |
null;\n\n /**\n * A control is `pristine` if the user has not yet changed\n * the value in the UI.\n *\n * @returns
True if the user has not yet changed the value in the UI; compare `dirty`.\n * Programmatic changes to a control's
value do not mark it dirty.\n */\n public readonly pristine: boolean = true;\n\n /**\n * A control is `dirty` if
the user has changed the value\n * in the UI.\n *\n * @returns True if the user has changed the value of this control
in the UI; compare `pristine`.\n * Programmatic changes to a control's value do not mark it dirty.\n */\n
get dirty(): boolean { return !this.pristine; }\n\n /**\n * True if the control is marked as `touched`.\n *\n * A control
is marked `touched` once the user has triggered\n * a `blur` event on it.\n */\n public readonly touched: boolean =

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false;\n\n /**\n * True if the control has not been marked as touched\n * A control is `untouched` if the user
has not yet triggered\n * a `blur` event on it.\n */\n get untouched(): boolean { return !this.touched; }\n\n /**\n * A multicasting observable that emits an event every time the value of the control changes, in\n * the UI or
programmatically. It also emits an event each time you call enable() or disable()\n * without passing along
{emitEvent: false} as a function argument.\n */\n // TODO(issue/24571): remove '!.\n public readonly
valueChanges !: Observable<any>;\n\n /**\n * A multicasting observable that emits an event every time the
validation `status` of the control\n * recalculates.\n * @see {@link AbstractControl.status}\n */\n //
TODO(issue/24571): remove '!.\n public readonly statusChanges !: Observable<any>;\n\n /**\n * Reports the
update strategy of the `AbstractControl` (meaning\n * the event on which the control updates itself).\n * Possible
values: `change` | `blur` | `submit`\n * Default value: `change`\n */\n get updateOn(): FormHooks {\n return
this._updateOn ? this._updateOn : (this.parent ? this.parent.updateOn : 'change');\n }\n\n /**\n * Sets the
synchronous validators that are active on this control. Calling\n * this overwrites any existing sync validators.\n
*\n * When you add or remove a validator at run time, you must call\n * `updateValueAndValidity()` for the new
validation to take effect.\n */\n setValidators(newValidator: ValidatorFn|ValidatorFn[]|null): void {\n
this.validator = coerceToValidator(newValidator);\n }\n\n /**\n * Sets the async validators that are active on this
control. Calling this\n * overwrites any existing async validators.\n * When you add or remove a validator at
run time, you must call\n * `updateValueAndValidity()` for the new validation to take effect.\n */\n
setAsyncValidators(newValidator: AsyncValidatorFn|AsyncValidatorFn[]|null): void {\n this.asyncValidator =
coerceToAsyncValidator(newValidator);\n }\n\n /**\n * Empties out the sync validator list.\n * When you
add or remove a validator at run time, you must call\n * `updateValueAndValidity()` for the new validation to take
effect.\n */\n clearValidators(): void { this.validator = null; }\n\n /**\n * Empties out the async validator
list.\n * When you add or remove a validator at run time, you must call\n * `updateValueAndValidity()` for
the new validation to take effect.\n */\n clearAsyncValidators(): void { this.asyncValidator = null; }\n\n
/**\n * Marks the control as `touched`. A control is touched by focus and\n * blur events that do not change the
value.\n * @see `markAsUntouched()`\n * @see `markAsDirty()`\n * @see `markAsPristine()`\n * @param opts Configuration options that determine how the control propagates changes\n * and emits events after
marking is applied.\n * * `onlySelf`: When true, mark only this control. When false or not supplied,\n * marks all
direct ancestors. Default is false.\n */\n markAsTouched(opts: {onlySelf?: boolean} = {}): void {\n (this
as{touched: boolean}).touched = true;\n\n if (this._parent && !opts.onlySelf) {\n
this._parent.markAsTouched(opts);\n }\n }\n\n /**\n * Marks the control and all its descendant controls as
`untouched`.\n * @see `markAsTouched()`\n */\n markAllAsTouched(): void {\n this.markAsTouched({onlySelf:
true});\n\n this._forEachChild((control: AbstractControl) => control.markAllAsTouched());\n }\n\n /**\n *
Marks the control as `untouched`.\n * If the control has any children, also marks all children as `untouched`\n
* and recalculates the `touched` status of all parent controls.\n * @see `markAsTouched()`\n * @see
`markAsDirty()`\n * @see `markAsPristine()`\n * @param opts Configuration options that determine how
the control propagates changes\n * and emits events after the marking is applied.\n * * `onlySelf`: When true,
mark only this control. When false or not supplied,\n * marks all direct ancestors. Default is false.\n */\n
markAsUntouched(opts: {onlySelf?: boolean} = {}): void {\n (this as{touched: boolean}).touched = false;\n\n
this._pendingTouched = false;\n\n this._forEachChild(\n (control: AbstractControl) => {\n
control.markAsUntouched({onlySelf: true});\n });\n\n if (this._parent && !opts.onlySelf) {\n
this._parent._updateTouched(opts);\n }\n }\n\n /**\n * Marks the control as `dirty`. A control becomes dirty
when\n * the control's value is changed through the UI; compare `markAsTouched`.\n * @see
`markAsTouched()`\n * @see `markAsUntouched()`\n * @see `markAsPristine()`\n * @param opts
Configuration options that determine how the control propagates changes\n * and emits events after marking is
applied.\n * * `onlySelf`: When true, mark only this control. When false or not supplied,\n * marks all direct
ancestors. Default is false.\n */\n markAsDirty(opts: {onlySelf?: boolean} = {}): void {\n (this as{pristine:
boolean}).pristine = false;\n\n if (this._parent && !opts.onlySelf) {\n this._parent.markAsDirty(opts);\n }\n
}\n\n /**\n * Marks the control as `pristine`.\n * If the control has any children, marks all children as

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`pristine`,\n * and recalculates the `pristine` status of all parent\n * controls.\n * @see
`markAsTouched()`\n * @see `markAsUntouched()`\n * @see `markAsDirty()`\n *\n * @param opts
Configuration options that determine how the control emits events after\n * marking is applied.\n * * `onlySelf`:
When true, mark only this control. When false or not supplied,\n * marks all direct ancestors. Default is false..\n
*/\n markAsPristine(opts: {onlySelf?: boolean} = {}): void {\n (this as{pristine: boolean}).pristine = true;\n
this._pendingDirty = false;\n\n this._forEachChild((control: AbstractControl) => {\n
control.markAsPristine({onlySelf: true}); });\n\n if (this._parent && !opts.onlySelf) {\n
this._parent._updatePristine(opts);\n }\n }\n\n /**\n * Marks the control as `pending`.\n *\n * A control is
pending while the control performs async validation.\n *\n * @see {@link AbstractControl.status}\n *\n *
@param opts Configuration options that determine how the control propagates changes and\n * emits events after
marking is applied.\n * * `onlySelf`: When true, mark only this control. When false or not supplied,\n * marks all
direct ancestors. Default is false..\n * * `emitEvent`: When true or not supplied (the default), the `statusChanges`\n
* observable emits an event with the latest status the control is marked pending.\n * When false, no events are
emitted.\n *\n */\n markAsPending(opts: {onlySelf?: boolean, emitEvent?: boolean} = {}): void {\n (this
as{status: string}).status = PENDING;\n\n if (opts.emitEvent !== false) {\n (this.statusChanges as
EventEmitter<any>).emit(this.status);\n }\n\n if (this._parent && !opts.onlySelf) {\n
this._parent.markAsPending(opts);\n }\n }\n\n /**\n * Disables the control. This means the control is exempt
from validation checks and\n * excluded from the aggregate value of any parent. Its status is `DISABLED`.\n *\n
* If the control has children, all children are also disabled.\n *\n * @see {@link AbstractControl.status}\n *\n *
@param opts Configuration options that determine how the control propagates\n * changes and emits events after
the control is disabled.\n * * `onlySelf`: When true, mark only this control. When false or not supplied,\n * marks
all direct ancestors. Default is false..\n * * `emitEvent`: When true or not supplied (the default), both the
`statusChanges` and\n * `valueChanges`\n * observables emit events with the latest status and value when the
control is disabled.\n * When false, no events are emitted.\n *\n */\n disable(opts: {onlySelf?: boolean, emitEvent?:
boolean} = {}): void {\n // If parent has been marked artificially dirty we don't want to re-calculate the\n //
parent's dirtiness based on the children.\n const skipPristineCheck = this._parentMarkedDirty(opts.onlySelf);\n
(this as{status: string}).status = DISABLED;\n (this as{errors: ValidationErrors | null}).errors = null;\n
this._forEachChild(\n (control: AbstractControl) => { control.disable({...opts, onlySelf: true}); });\n
this._updateValue();\n\n if (opts.emitEvent !== false) {\n (this.valueChanges as
EventEmitter<any>).emit(this.value);\n (this.statusChanges as EventEmitter<string>).emit(this.status);\n }\n\n
this._updateAncestors({...opts, skipPristineCheck});\n this._onDisabledChange.forEach((changeFn) =>
changeFn(true));\n }\n\n /**\n * Enables the control. This means the control is included in validation checks and\n
* the aggregate value of its parent. Its status recalculates based on its value and\n * its validators.\n *\n * By
default, if the control has children, all children are enabled.\n *\n * @see {@link AbstractControl.status}\n *\n
* @param opts Configure options that control how the control propagates changes and\n * emits events when
marked as untouched\n * * `onlySelf`: When true, mark only this control. When false or not supplied,\n * marks
all direct ancestors. Default is false..\n * * `emitEvent`: When true or not supplied (the default), both the
`statusChanges` and\n * `valueChanges`\n * observables emit events with the latest status and value when the
control is enabled.\n * When false, no events are emitted.\n *\n */\n enable(opts: {onlySelf?: boolean, emitEvent?:
boolean} = {}): void {\n // If parent has been marked artificially dirty we don't want to re-calculate the\n //
parent's dirtiness based on the children.\n const skipPristineCheck = this._parentMarkedDirty(opts.onlySelf);\n
(this as{status: string}).status = VALID;\n this._forEachChild(\n (control: AbstractControl) => {\n
control.enable({...opts, onlySelf: true}); });\n this.updateValueAndValidity({onlySelf: true, emitEvent:
opts.emitEvent});\n\n this._updateAncestors({...opts, skipPristineCheck});\n
this._onDisabledChange.forEach((changeFn) => changeFn(false));\n }\n\n private _updateAncestors(\n opts:
{onlySelf?: boolean, emitEvent?: boolean, skipPristineCheck?: boolean}) {\n if (this._parent && !opts.onlySelf)
{\n this._parent.updateValueAndValidity(opts);\n if (!opts.skipPristineCheck) {\n
this._parent._updatePristine();\n }\n }\n\n this._parent._updateTouched();\n }\n }\n\n /**\n * @param parent

```

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Sets the parent of the control\n */\n setParent(parent: FormGroup|FormArray): void { this._parent = parent; }\n\n/**\n * Sets the value of the control. Abstract method (implemented in sub-classes).\n */\n abstract\n setValue(value: any, options?: Object): void;\n\n /**\n * Patches the value of the control. Abstract method\n (implemented in sub-classes).\n */\n abstract patchValue(value: any, options?: Object): void;\n\n /**\n * Resets\n the control. Abstract method (implemented in sub-classes).\n */\n abstract reset(value?: any, options?: Object):\n void;\n\n /**\n * Recalculates the value and validation status of the control.\n * \n * By default, it also updates\n the value and validity of its ancestors.\n * \n * @param opts Configuration options determine how the control\n propagates changes and emits events\n * after updates and validity checks are applied.\n * * `onlySelf`: When\n true, only update this control. When false or not supplied,\n * update all direct ancestors. Default is false.\n * *`\n `emitEvent`: When true or not supplied (the default), both the `statusChanges` and\n * `valueChanges`\n * observables emit events with the latest status and value when the control is updated.\n * When false, no events are\n emitted.\n */\n updateValueAndValidity(opts: {onlySelf?: boolean, emitEvent?: boolean} = {}): void {\n this._setInitialStatus();\n this._updateValue();\n\n if (this.enabled) {\n this._cancelExistingSubscription();\n (this as {errors: ValidationErrors | null}).errors = this._runValidator();\n (this as {status: string}).status =\n this._calculateStatus();\n\n if (this.status === VALID || this.status === PENDING) {\n this._runAsyncValidator(opts.emitEvent);\n }\n\n if (opts.emitEvent !== false) {\n (this.valueChanges\n as EventEmitter<any>).emit(this.value);\n (this.statusChanges as EventEmitter<string>).emit(this.status);\n }\n\n if (this._parent && !opts.onlySelf) {\n this._parent.updateValueAndValidity(opts);\n }\n }\n\n /**\n @internal\n */\n _updateTreeValidity(opts: {emitEvent?: boolean} = {emitEvent: true}) {\n this._forEachChild((ctrl: AbstractControl) => ctrl._updateTreeValidity(opts));\n\n this.updateValueAndValidity({onlySelf: true, emitEvent: opts.emitEvent});\n }\n\n private _setInitialStatus() {\n (this as {status: string}).status = this._allControlsDisabled() ? DISABLED : VALID;\n }\n\n private\n _runValidator(): ValidationErrors|null {\n return this.validator ? this.validator(this) : null;\n }\n\n private\n _runAsyncValidator(emitEvent?: boolean): void {\n if (this.asyncValidator) {\n (this as {status: string}).status =\n PENDING;\n const obs = toObservable(this.asyncValidator(this));\n this._asyncValidationSubscription =\n obs.subscribe((errors: ValidationErrors | null) => this.setErrors(errors, {emitEvent}));\n }\n }\n\n private\n _cancelExistingSubscription(): void {\n if (this._asyncValidationSubscription) {\n this._asyncValidationSubscription.unsubscribe();\n }\n }\n\n /**\n * Sets errors on a form control when running\n validations manually, rather than automatically.\n * \n * Calling `setErrors` also updates the validity of the parent\n control.\n * \n * @usageNotes\n * ### Manually set the errors for a control\n * \n * ```\n * const login = new\n FormControl('someLogin');\n * login.setErrors({\n * notUnique: true\n * });\n * \n * expect(login.valid).toEqual(false);\n * expect(login.errors).toEqual({ notUnique: true });\n * \n * login.setValue('someOtherLogin');\n * \n * expect(login.valid).toEqual(true);\n * ```\n */\n */\n setErrors(errors:\n ValidationErrors|null, opts: {emitEvent?: boolean} = {}): void {\n (this as {errors: ValidationErrors | null}).errors\n = errors;\n this._updateControlsErrors(opts.emitEvent !== false);\n }\n\n /**\n * Retrieves a child control given\n the control's name or path.\n * \n * @param path A dot-delimited string or array of string/number values that\n define the path to the\n * control.\n * \n * @usageNotes\n * ### Retrieve a nested control\n * \n * For\n example, to get a `name` control nested within a `person` sub-group:\n * \n * * `this.form.get('person.name');`\n * \n * * `this.form.get(['person', 'name']);`\n * \n */\n */\n get(path: Array<string|number>|string):\n AbstractControl|null { return _find(this, path, '.'); }\n\n /**\n * @description\n * Reports error data for the\n control with the given path.\n * \n * @param errorCode The code of the error to check\n * @param path A list of\n control names that designates how to move from the current control\n * to the control that should be queried for\n errors.\n * \n * @usageNotes\n * For example, for the following `FormGroup`:\n * \n * ```\n * form = new\n FormGroup({\n * address: new FormGroup({ street: new FormControl() })\n * });\n * ```\n * \n * The path to\n the `street` control from the root form would be `address` -> `street`.\n * \n * It can be provided to this method in one\n of two formats:\n * \n * 1. An array of string control names, e.g. `['address', 'street']`\n * \n * 1. A period-delimited list\n of control names in one string, e.g. `address.street`\n * \n * @returns error data for that particular error. If the\n control or error is not present,\n * null is returned.\n */\n */\n getError(errorCode: string, path?:

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Array<string|number>|string): any {\n  const control = path ? this.get(path) : this;\n  return control &&\n  control.errors ? control.errors[errorCode] : null;\n }\n\n /**\n  * @description\n  * Reports whether the control\n  with the given path has the error specified.\n  *\n  * @param errorCode The code of the error to check\n  *\n  * @param path A list of control names that designates how to move from the current control\n  * to the control that\n  should be queried for errors.\n  *\n  * @usageNotes\n  * For example, for the following `FormGroup`:\n  *\n  * ```\n  * form = new FormGroup({\n  *   address: new FormGroup({\n  *     street: new FormControl() })\n  * });\n  * ```\n  *\n  * The path to the 'street' control from the root form would be 'address' -> 'street'.\n  *\n  * It can be provided\n  to this method in one of two formats:\n  *\n  * 1. An array of string control names, e.g. `['address', 'street']`\n  * 1.\n  A period-delimited list of control names in one string, e.g. `address.street`\n  *\n  * If no path is given, this method\n  checks for the error on the current control.\n  *\n  * @returns whether the given error is present in the control at the\n  given path.\n  *\n  * If the control is not present, false is returned.\n  *\n  * ^\n  hasError(errorCode: string, path?):\n  Array<string|number>|string): boolean {\n  return !!this.getError(errorCode, path);\n }\n\n /**\n  * Retrieves the\n  top-level ancestor of this control.\n  *\n  * ^\n  get root(): AbstractControl {\n  let x: AbstractControl = this;\n  while\n  (x._parent) {\n  x = x._parent;\n  }\n  return x;\n }\n\n /**\n  * @internal *\n  * ^\n  _updateControlsErrors(emitEvent:\n  boolean): void {\n  (this as {status: string}).status = this._calculateStatus();\n  if (emitEvent) {\n  (this.statusChanges as EventEmitter<string>).emit(this.status);\n  }\n  if (this._parent) {\n  this._parent._updateControlsErrors(emitEvent);\n  }\n  }\n\n /**\n  * @internal *\n  * ^\n  _initObservables() {\n  (this\n  as {valueChanges: Observable<any>}).valueChanges = new EventEmitter();\n  (this as {statusChanges:\n  Observable<any>}).statusChanges = new EventEmitter();\n  }\n\n private _calculateStatus(): string {\n  if\n  (this._allControlsDisabled()) return DISABLED;\n  if\n  (this._anyControlsHaveStatus(PENDING)) return PENDING;\n  if\n  (this._anyControlsHaveStatus(INVALID))\n  return INVALID;\n  return VALID;\n }\n\n /**\n  * @internal *\n  * ^\n  abstract _updateValue(): void;\n\n /**\n  * @internal\n  *\n  * ^\n  abstract _forEachChild(cb: Function): void;\n\n /**\n  * @internal *\n  * ^\n  abstract _anyControls(condition:\n  Function): boolean;\n\n /**\n  * @internal *\n  * ^\n  abstract _allControlsDisabled(): boolean;\n\n /**\n  * @internal *\n  * ^\n  abstract _syncPendingControls(): boolean;\n\n /**\n  * @internal *\n  * ^\n  _anyControlsHaveStatus(status: string): boolean\n  {\n  return this._anyControls((control: AbstractControl) => control.status === status);\n }\n\n /**\n  * @internal *\n  * ^\n  _anyControlsDirty(): boolean {\n  return this._anyControls((control: AbstractControl) => control.dirty);\n }\n\n /**\n  * @internal *\n  * ^\n  _anyControlsTouched(): boolean {\n  return this._anyControls((control: AbstractControl) =>\n  control.touched);\n }\n\n /**\n  * @internal *\n  * ^\n  _updatePristine(opts: {onlySelf?: boolean} = {}): void {\n  (this\n  as {pristine: boolean}).pristine = !this._anyControlsDirty();\n  if (this._parent && !opts.onlySelf) {\n  this._parent._updatePristine(opts);\n  }\n  }\n\n /**\n  * @internal *\n  * ^\n  _updateTouched(opts: {onlySelf?: boolean} =\n  {}): void {\n  (this as {touched: boolean}).touched = this._anyControlsTouched();\n  if (this._parent &&\n  !opts.onlySelf) {\n  this._parent._updateTouched(opts);\n  }\n  }\n\n /**\n  * @internal *\n  * ^\n  _onDisabledChange:\n  Function[] = [];\n\n /**\n  * @internal *\n  * ^\n  _isBoxedValue(formState: any): boolean {\n  return typeof formState ===\n  'object' && formState !== null &&\n  Object.keys(formState).length === 2 &&\n  'value' in formState &&\n  'disabled' in formState;\n }\n\n /**\n  * @internal *\n  * ^\n  _registerOnCollectionChange(fn: () => void): void {\n  this._onCollectionChange = fn;\n  }\n\n /**\n  * @internal *\n  * ^\n  _setUpdateStrategy(opts?:\n  ValidatorFn|ValidatorFn[]|AbstractControlOptions|null): void {\n  if (isOptionsObj(opts) && (opts as\n  AbstractControlOptions).updateOn != null) {\n  this._updateOn = (opts as AbstractControlOptions).updateOn !;\n  }\n  }\n\n /**\n  * Check to see if parent has been marked artificially dirty.\n  *\n  * @internal\n  *\n  * ^\n  private\n  _parentMarkedDirty(onlySelf?: boolean): boolean {\n  const parentDirty = this._parent && this._parent.dirty;\n  return !onlySelf && parentDirty && !this._parent._anyControlsDirty();\n }\n\n /**\n  * Tracks the value and\n  validation status of an individual form control.\n  *\n  * This is one of the three fundamental building blocks of\n  Angular forms, along with\n  * `FormGroup` and `FormArray`. It extends the `AbstractControl` class that\n  * implements most of the base functionality for accessing the value, validation status,\n  * user interactions and\n  events.\n  *\n  * @see `AbstractControl`\n  *\n  * @see [Reactive Forms Guide](guide/reactive-forms)\n  *\n  * @see [Usage\n  Notes](#usage-notes)\n  *\n  * @usageNotes\n  *\n  * ### Initializing Form Controls\n  *\n  * Instantiate a\n  `FormControl`, with an initial value.\n  *\n  * ```ts\n  * const control = new FormControl('some value');\n  *

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console.log(control.value); // 'some value'
// The following example initializes the control with a form
// state object. The `value` and `disabled` keys are required in this case.
const control = new
FormControl({ value: 'n/a', disabled: true });
console.log(control.value); // 'n/a'
console.log(control.status); // 'DISABLED'
// The following example initializes the control with a sync validator.
const control = new FormControl("", Validators.required);
console.log(control.value); // ""
console.log(control.status); // 'INVALID'
// The following example initializes the control using an
// options object.
const control = new FormControl("", {
  validators: Validators.required,
  asyncValidators: myAsyncValidator
});
// Configure the control to update on a blur event
// Set the `updateOn` option to `blur` to update on the blur event.
const control = new
FormControl("", { updateOn: 'blur' });
// Configure the control to update on a submit event
// Set the `updateOn` option to `submit` to update on a submit event.
const control = new
FormControl("", { updateOn: 'submit' });
// Reset the control back to an initial value
// You
// reset to a specific form state by passing through a standalone
// value or a form state object that contains both a
// value and a disabled state (these are the only two properties that cannot be calculated).
const control = new FormControl('Nancy');
console.log(control.value); // 'Nancy'
control.reset('Drew');
console.log(control.value); // 'Drew'
// Reset the control back to an initial value and disabled
const control = new FormControl('Nancy');
console.log(control.value); // 'Nancy'
console.log(control.status); // 'VALID'
control.reset({ value: 'Drew', disabled: true });
console.log(control.value); // 'Drew'
console.log(control.status); // 'DISABLED'
*/
@publicApi
export class FormControl extends AbstractControl {
  /** @internal */
  _onChange: Function[] = [];
  /** @internal */
  _pendingValue: any;
  /** @internal */
  _pendingChange: any;
  /**
   * Creates a new `FormControl` instance.
   * @param formState Initializes the control with an initial value,
   * or an object that defines the initial value and disabled state.
   * @param validatorOrOpts A synchronous validator function,
   * or an array of such functions, or an `AbstractControlOptions`
   * object that contains validation functions and a validation
   * trigger.
   * @param asyncValidator A single async validator or array of async
   * validator functions
   */
  constructor(
    formState: any = null,
    validatorOrOpts?:
      ValidatorFn | ValidatorFn[] | AbstractControlOptions | null,
    asyncValidator?:
      AsyncValidatorFn | AsyncValidatorFn[] | null
  ) {
    super(
      coerceToValidator(validatorOrOpts),
      coerceToAsyncValidator(asyncValidator, validatorOrOpts)
    );
    this._applyFormState(formState);
    this._setUpdateStrategy(validatorOrOpts);
    this.updateValueAndValidity({ onlySelf: true, emitEvent: false });
    this._initObservables();
  }
  /**
   * Sets a new value for the form control.
   * @param value The new value for the control.
   * @param options Configuration options that determine how the control
   * propagates changes and emits events when the value changes.
   * The configuration options are passed to the
   * {@link AbstractControl#updateValueAndValidity}
   * `updateValueAndValidity` method.
   * * `onlySelf`: When true, each change only affects this control,
   * and not its parent. Default is false.
   * * `emitEvent`: When true or not supplied (the default),
   * both the `statusChanges` and `valueChanges`
   * observables emit events with the latest status and value
   * when the control value is updated. When false, no events
   * are emitted.
   * * `emitModelToViewChange`: When true or not supplied (the
   * default), each change triggers an `onChange`
   * event to update the view.
   * * `emitViewToModelChange`: When true or not supplied (the
   * default), each change triggers an `ngModelChange`
   * event to update the model.
   */
  setValue(value: any, options: {
    onlySelf?: boolean,
    emitEvent?: boolean,
    emitModelToViewChange?: boolean,
    emitViewToModelChange?: boolean
  }) = void {
    (this as { value: any }).value = this._pendingValue =
    value;
    if (this._onChange.length && options.emitModelToViewChange !==
    false) {
      this._onChange.forEach(
        (changeFn) => changeFn(this.value, options.emitViewToModelChange !==
        false)
      );
    }
    this.updateValueAndValidity(options);
  }
  /**
   * Patches the value of a control.
   * This function is functionally the same as
   * {@link FormControl#setValue}
   * at this level. It exists for symmetry with
   * {@link FormGroup#patchValue}
   * on `FormGroups` and `FormArrays`, where it
   * does behave differently.
   * @see `setValue` for options
   */
  patchValue(value: any, options: {

```



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onlySelf?: boolean,\n emitEvent?: boolean,\n emitModelToViewChange?: boolean,\n
emitViewToModelChange?: boolean\n } = {}): void {\n this.setValue(value, options);\n }\n\n /**\n * Resets
the form control, marking it `pristine` and `untouched`, and setting\n * the value to null.\n *\n * @param
formState Resets the control with an initial value,\n * or an object that defines the initial value and disabled state.\n
*\n * @param options Configuration options that determine how the control propagates changes\n * and emits
events after the value changes.\n *\n * * `onlySelf`: When true, each change only affects this control, and not its
parent. Default is\n * false.\n * * `emitEvent`: When true or not supplied (the default), both the `statusChanges`
and\n * `valueChanges`\n * observables emit events with the latest status and value when the control is reset.\n *
When false, no events are emitted.\n *\n * ^\n reset(formState: any = null, options: {onlySelf?: boolean,
emitEvent?: boolean} = {}): void {\n this._applyFormState(formState);\n this.markAsPristine(options);\n
this.markAsUntouched(options);\n this.setValue(this.value, options);\n this._pendingChange = false;\n }\n\n
/**\n * @internal\n */\n _updateValue() {\n\n /**\n * @internal\n */\n _anyControls(condition: Function):
boolean { return false; }\n\n /**\n * @internal\n */\n _allControlsDisabled(): boolean { return this.disabled;
}\n\n /**\n * Register a listener for change events.\n *\n * @param fn The method that is called when the value
changes\n */\n registerOnChange(fn: Function): void { this._onChange.push(fn); }\n\n /**\n * @internal\n */\n
_clearChangeFns(): void {\n this._onChange = [];\n this._onDisabledChange = [];\n this._onCollectionChange
= () => {};\n }\n\n /**\n * Register a listener for disabled events.\n *\n * @param fn The method that is called
when the disabled status changes.\n */\n registerOnDisabledChange(fn: (isDisabled: boolean) => void): void {\n
this._onDisabledChange.push(fn);\n }\n\n /**\n * @internal\n */\n _forEachChild(cb: Function): void {\n\n
/**\n * @internal\n */\n _syncPendingControls(): boolean {\n if (this.updateOn === 'submit') {\n if
(this._pendingDirty) this.markAsDirty();\n if (this._pendingTouched) this.markAsTouched();\n if
(this._pendingChange) {\n this.setValue(this._pendingValue, {onlySelf: true, emitModelToViewChange:
false});\n return true;\n }\n }\n return false;\n }\n\n private _applyFormState(formState: any) {\n if
(this._isBoxedValue(formState)) {\n (this as {value: any}).value = this._pendingValue = formState.value;\n
formState.disabled ? this.disable({onlySelf: true, emitEvent: false}) : \n this.enable({onlySelf: true,
emitEvent: false});\n } else {\n (this as {value: any}).value = this._pendingValue = formState;\n }\n
}\n\n /**\n * Tracks the value and validity state of a group of `FormControl` instances.\n *\n * A `FormGroup`
aggregates the values of each child `FormControl` into one object,\n * with each control name as the key. It
calculates its status by reducing the status values\n * of its children. For example, if one of the controls in a group is
invalid, the entire\n * group becomes invalid.\n *\n * `FormGroup` is one of the three fundamental building blocks
used to define forms in Angular,\n * along with `FormControl` and `FormArray`.\n *\n * When instantiating a
`FormGroup`, pass in a collection of child controls as the first\n * argument. The key for each child registers the
name for the control.\n *\n * @usageNotes\n *\n * ### Create a form group with 2 controls\n *\n * ```\n * const
form = new FormGroup({\n * first: new FormControl('Nancy', Validators.minLength(2)),\n * last: new
FormControl('Drew'),\n * });\n *\n * console.log(form.value); // {first: 'Nancy', last: 'Drew'}\n *\n *
console.log(form.status); // 'VALID'\n * ```\n *\n * ### Create a form group with a group-level validator\n *\n *
You include group-level validators as the second arg, or group-level async\n * validators as the third arg. These
come in handy when you want to perform validation\n * that considers the value of more than one child control.\n
*\n * ```\n * const form = new FormGroup({\n * password: new FormControl("", Validators.minLength(2)),\n *
passwordConfirm: new FormControl("", Validators.minLength(2)),\n * }, passwordMatchValidator);\n *\n * \n *
function passwordMatchValidator(g: FormGroup) {\n * return g.get('password').value ===
g.get('passwordConfirm').value\n * ? null : {'mismatch': true};\n * }\n * ```\n *\n * Like `FormControl`
instances, you choose to pass in\n * validators and async validators as part of an options object.\n *\n * ```\n *
const form = new FormGroup({\n * password: new FormControl(""),\n * passwordConfirm: new FormControl(""),\n * }, {
validators: passwordMatchValidator, asyncValidators: otherValidator });\n *\n * ```\n *\n * ### Set the updateOn
property for all controls in a form group\n *\n * The options object is used to set a default value for each child\n *
control's `updateOn` property. If you set `updateOn` to `blur` at the\n * group level, all child controls default to
`blur`, unless the child\n * has explicitly specified a different `updateOn` value.\n *\n * ```ts\n * const c = new

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FormGroup({\n * one: new FormControl()\n * }, { updateOn: 'blur' });\n * ``\n *\n * @publicApi\n * /\nexport
class FormGroup extends AbstractControl {\n /**\n * Creates a new `FormGroup` instance.\n *\n * @param
controls A collection of child controls. The key for each child is the name\n * under which it is registered.\n *\n *
@param validatorOrOpts A synchronous validator function, or an array of\n * such functions, or an
`AbstractControlOptions` object that contains validation functions\n * and a validation trigger.\n *\n * @param
asyncValidator A single async validator or array of async validator functions\n *\n * /\n constructor(\n public
controls: {[key: string]: AbstractControl},\n validatorOrOpts?:
ValidatorFn|ValidatorFn[]|AbstractControlOptions|null,\n asyncValidator?:
AsyncValidatorFn|AsyncValidatorFn[]|null) {\n super(\n coerceToValidator(validatorOrOpts),\n
coerceToAsyncValidator(asyncValidator, validatorOrOpts));\n this._initObservables();\n
this._setUpdateStrategy(validatorOrOpts);\n this._setUpControls();\n this.updateValueAndValidity({onlySelf:
true, emitEvent: false});\n }\n\n /**\n * Registers a control with the group's list of controls.\n *\n * This
method does not update the value or validity of the control.\n * Use {@link FormGroup#addControl addControl}
instead.\n *\n * @param name The control name to register in the collection\n * @param control Provides the
control for the given name\n * /\n registerControl(name: string, control: AbstractControl): AbstractControl {\n if
(this.controls[name]) return this.controls[name];\n this.controls[name] = control;\n control.setParent(this);\n
control._registerOnCollectionChange(this._onCollectionChange);\n return control;\n }\n\n /**\n * Add a control
to this group.\n *\n * This method also updates the value and validity of the control.\n *\n * @param name The
control name to add to the collection\n * @param control Provides the control for the given name\n * /\n
addControl(name: string, control: AbstractControl): void {\n this.registerControl(name, control);\n
this.updateValueAndValidity();\n this._onCollectionChange();\n }\n\n /**\n * Remove a control from this
group.\n *\n * @param name The control name to remove from the collection\n * /\n removeControl(name:
string): void {\n if (this.controls[name]) this.controls[name]._registerOnCollectionChange(() => {});\n delete
(this.controls[name]);\n this.updateValueAndValidity();\n this._onCollectionChange();\n }\n\n /**\n *
Replace an existing control.\n *\n * @param name The control name to replace in the collection\n * @param
control Provides the control for the given name\n * /\n setControl(name: string, control: AbstractControl): void {\n
if (this.controls[name]) this.controls[name]._registerOnCollectionChange(() => {});\n delete
(this.controls[name]);\n if (control) this.registerControl(name, control);\n this.updateValueAndValidity();\n
this._onCollectionChange();\n }\n\n /**\n * Check whether there is an enabled control with the given name in the
group.\n *\n * Reports false for disabled controls. If you'd like to check for existence in the group\n * only, use
{@link AbstractControl#get get} instead.\n *\n * @param controlName The control name to check for existence
in the collection\n *\n * @returns false for disabled controls, true otherwise.\n * /\n contains(controlName:
string): boolean {\n return this.controls.hasOwnProperty(controlName) && this.controls[controlName].enabled;\n
}\n\n /**\n * Sets the value of the `FormGroup`. It accepts an object that matches\n * the structure of the group,
with control names as keys.\n *\n * @usageNotes\n * ### Set the complete value for the form group\n *\n *
``\n * const form = new FormGroup({\n * first: new FormControl(),\n * last: new FormControl()\n * });\n *
console.log(form.value); // {first: null, last: null}\n *\n * form.setValue({first: 'Nancy', last: 'Drew'});\n *
console.log(form.value); // {first: 'Nancy', last: 'Drew'}\n * ``\n *\n * @throws When strict checks fail, such
as setting the value of a control\n * that doesn't exist or if you exclude a value of a control that does exist.\n *\n *
@param value The new value for the control that matches the structure of the group.\n * @param options
Configuration options that determine how the control propagates changes\n * and emits events after the value
changes.\n * The configuration options are passed to the {@link AbstractControl#updateValueAndValidity\n *
updateValueAndValidity} method.\n *\n * * `onlySelf`: When true, each change only affects this control, and not
its parent. Default is\n * false.\n * * `emitEvent`: When true or not supplied (the default), both the
`statusChanges` and\n * `valueChanges`\n * observables emit events with the latest status and value when the
control value is updated.\n * When false, no events are emitted.\n * /\n setValue(value: {[key: string]: any},
options: {onlySelf?: boolean, emitEvent?: boolean} = {}): void {\n this._checkAllValuesPresent(value);\n
Object.keys(value).forEach(name => {\n this._throwIfControlMissing(name);\n

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this.controls[name].setValue(value[name], {onlySelf: true, emitEvent: options.emitEvent});\n  });\n
this.updateValueAndValidity(options);\n }\n\n /**\n  * Patches the value of the `FormGroup`. It accepts an object
with control\n  * names as keys, and does its best to match the values to the correct controls\n  * in the group.\n  *\n  * It accepts both super-sets and sub-sets of the group without throwing an error.\n  *\n  * @usageNotes\n  *
### Patch the value for a form group\n  *\n  * ```\n  * const form = new FormGroup({\n  *   first: new
FormControl(),\n  *   last: new FormControl()\n  * });\n  * console.log(form.value); // {first: null, last: null}\n
*\n  * form.patchValue({first: 'Nancy'});\n  * console.log(form.value); // {first: 'Nancy', last: null}\n  * ```\n  *\n  * @param value The object that matches the structure of the group.\n  * @param options Configuration options that
determine how the control propagates changes and\n  * emits events after the value is patched.\n  * * `onlySelf` :
When true, each change only affects this control and not its parent. Default is\n  * true.\n  * * `emitEvent` : When
true or not supplied (the default), both the `statusChanges` and\n  * `valueChanges`\n  * observables emit events
with the latest status and value when the control value is updated.\n  * When false, no events are emitted.\n  * The
configuration options are passed to the {@link AbstractControl#updateValueAndValidity\n  *
updateValueAndValidity} method.\n  */\n  patchValue(value: {[key: string]: any}, options: {onlySelf?: boolean,
emitEvent?: boolean} = {}): void {\n    Object.keys(value).forEach(name => {\n      if (this.controls[name]) {\n
        this.controls[name].patchValue(value[name], {onlySelf: true, emitEvent: options.emitEvent});\n      }\n    });\n
this.updateValueAndValidity(options);\n }\n\n /**\n  * Resets the `FormGroup`, marks all descendants are marked
`pristine` and `untouched`, and\n  * the value of all descendants to null.\n  *\n  * You reset to a specific form state
by passing in a map of states\n  * that matches the structure of your form, with control names as keys. The state\n
* is a standalone value or a form state object with both a value and a disabled\n  * status.\n  *\n  * @param value
Resets the control with an initial value,\n  * or an object that defines the initial value and disabled state.\n  *\n  *
@param options Configuration options that determine how the control propagates changes\n  * and emits events
when the group is reset.\n  * * `onlySelf` : When true, each change only affects this control, and not its parent.
Default is\n  * false.\n  * * `emitEvent` : When true or not supplied (the default), both the `statusChanges` and\n
* `valueChanges`\n  * observables emit events with the latest status and value when the control is reset.\n  * When
false, no events are emitted.\n  * The configuration options are passed to the {@link
AbstractControl#updateValueAndValidity\n  * updateValueAndValidity} method.\n  *\n  * @usageNotes\n  *\n  *
### Reset the form group values\n  *\n  * ```ts\n  * const form = new FormGroup({\n  *   first: new
FormControl('first name'),\n  *   last: new FormControl('last name')\n  * });\n  * console.log(form.value); //
{first: 'first name', last: 'last name'}\n  *\n  * form.reset({ first: 'name', last: 'last name' });\n  *\n  *
console.log(form.value); // {first: 'name', last: 'last name'}\n  * ```\n  *\n  * ### Reset the form group values and
disabled status\n  *\n  * ```\n  * const form = new FormGroup({\n  *   first: new FormControl('first name'),\n  *
last: new FormControl('last name')\n  * });\n  * form.reset({\n  *   first: {value: 'name', disabled: true},\n  *
last: 'last'\n  * });\n  * console.log(this.form.value); // {first: 'name', last: 'last name'}\n  *\n  *
console.log(this.form.get('first').status); // 'DISABLED'\n  * ```\n  */\n  reset(value: any = {}, options: {onlySelf?:
boolean, emitEvent?: boolean} = {}): void {\n    this._forEachChild((control: AbstractControl, name: string) => {\n
      control.reset(value[name], {onlySelf: true, emitEvent: options.emitEvent});\n    });\n
this._updatePristine(options);\n    this._updateTouched(options);\n    this.updateValueAndValidity(options);\n }\n\n
/**\n  * The aggregate value of the `FormGroup`, including any disabled controls.\n  *\n  * Retrieves all values
regardless of disabled status.\n  * The `value` property is the best way to get the value of the group, because\n
* it excludes disabled controls in the `FormGroup`.\n  */\n  getRawValue(): any {\n    return this._reduceChildren(\n
{\n      (acc: {[k: string]: AbstractControl}, control: AbstractControl, name: string) => {\n        acc[name] = control
instanceof FormControl ? control.value : (<any>control).getRawValue();\n        return acc;\n      });\n    }\n  );\n\n
/**\n  * @internal\n  */\n  _syncPendingControls(): boolean {\n    let subtreeUpdated = this._reduceChildren(false, (updated:
boolean, child: AbstractControl) => {\n      return child._syncPendingControls() ? true : updated;\n    });\n    if
(subtreeUpdated) this.updateValueAndValidity({onlySelf: true});\n    return subtreeUpdated;\n  }\n\n  /**\n  * @internal\n
*/\n  _throwIfControlMissing(name: string): void {\n    if (!Object.keys(this.controls).length) {\n      throw new
Error`\n      There are no form controls registered with this group yet. If you're using ngModel,\n      you may

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want to check next tick (e.g. use setTimeout).\n    `);\n    }\n    if (!this.controls[name]) {\n        throw new
Error(`Cannot find form control with name: ${name}.`);\n    }\n    }\n\n    /** @internal */\n    _forEachChild(cb: (v:
any, k: string) => void): void {\n        Object.keys(this.controls).forEach(k => cb(this.controls[k], k));\n    }\n\n    /**
@internal */\n    _setUpControls(): void {\n        this._forEachChild((control: AbstractControl) => {\n
control.setParent(this);\n        control._registerOnCollectionChange(this._onCollectionChange);\n        });\n    }\n\n    /**
@internal */\n    _updateValue(): void { (this as {value: any}).value = this._reduceValue(); }\n\n    /** @internal */\n
    _anyControls(condition: Function): boolean {\n        let res = false;\n        this._forEachChild((control: AbstractControl,
name: string) => {\n            res = res || (this.contains(name) && condition(control));\n        });\n        return res;\n    }\n\n    /**
@internal */\n    _reduceValue() {\n        return this._reduceChildren(\n            {}, (acc: {[k: string]: AbstractControl},
control: AbstractControl, name: string) => {\n                if (control.enabled || this.disabled) {\n                    acc[name] =
control.value;\n                }\n                return acc;\n            });\n    }\n\n    /** @internal */\n    _reduceChildren(initValue: any, fn:
Function) {\n        let res = initValue;\n        this._forEachChild(\n            (control: AbstractControl, name: string) => { res =
fn(res, control, name); });\n        return res;\n    }\n\n    /** @internal */\n    _allControlsDisabled(): boolean {\n        for
(const controlName of Object.keys(this.controls)) {\n            if (this.controls[controlName].enabled) {\n                return
false;\n            }\n        }\n        return Object.keys(this.controls).length > 0 || this.disabled;\n    }\n\n    /** @internal */\n
    _checkAllValuesPresent(value: any): void {\n        this._forEachChild((control: AbstractControl, name: string) => {\n
            if (value[name] === undefined) {\n                throw new Error(`Must supply a value for form control with name:
`${name}`.`);\n            }\n        });\n    }\n\n    /**\n     * Tracks the value and validity state of an array of `FormControl`,\n     *
`FormGroup` or `FormArray` instances.\n     * A `FormArray` aggregates the values of each child `FormControl`\n     * into an array.\n     * It
calculates its status by reducing the status values of its children. For example, if one of\n     * the controls in a `FormArray` is
invalid, the entire array becomes invalid.\n     * A `FormArray` is one of the three\n     * fundamental building blocks used to
define forms in Angular,\n     * along with `FormControl` and `FormGroup`.\n     *\n     * @usageNotes\n     * ### Create an array of
form controls\n     * ```\n     * const arr = new FormArray([\n     *   new\n     *   FormControl('Nancy', Validators.minLength(2)),\n     *   new\n     *   FormControl('Drew'),\n     *   ]);\n     *\n     * console.log(arr.value); // ['Nancy', 'Drew']\n     * console.log(arr.status); // 'VALID'\n     *\n     * ### Create a form
array with array-level validators\n     * You include array-level validators and async validators. These come in\n     * handy\n     * when you
want to perform validation that considers the value of more than one child\n     * control.\n     *\n     * The two types of validators
are passed in separately as the second and third arg\n     * respectively, or together as part\n     * of an options object.\n     *\n     *
```\n     * const arr = new FormArray([\n     *   new\n     *   FormControl('Nancy'),\n     *   new\n     *   FormControl('Drew')\n     * ], {
validators: myValidator, asyncValidators: myAsyncValidator});\n *\n * ### Set\n * the updateOn property for all controls in
a form array\n * The options object is used to set a default value for\n * each child\n * control's `updateOn` property. If
you set `updateOn` to `blur` at the\n * array level, all child controls\n * default to `blur`, unless the child\n * has
explicitly specified a different `updateOn` value.\n *\n * ```ts\n * const arr =\n * new FormArray([\n * new\n * FormControl(),\n *], {updateOn: 'blur'});\n *\n * ### Adding or removing\n * controls from a form array\n * To change the controls in the array, use the `push`, `insert`, `removeAt` or `clear`\n * methods\n * in `FormArray` itself. These methods ensure the controls are properly tracked in the\n * form's\n * hierarchy. Do not modify the array of `AbstractControl`s used to instantiate\n * the `FormArray` directly, as that\n * result in strange and unexpected behavior such\n * as broken change detection.\n *\n * @publicApi\n */\n export\n class FormArray extends AbstractControl {\n /**\n * Creates a new `FormArray` instance.\n * @param
controls An array of child controls. Each child control is given an index\n * where it is registered.\n * @param
validatorOrOpts A synchronous validator function, or an array of\n * such functions, or an\n * `AbstractControlOptions`
object that contains validation functions\n * and a validation trigger.\n * @param\n * asyncValidator A single
async validator or array of async validator functions\n * @constructor\n * public\n * controls: AbstractControl[],\n *
validatorOrOpts?: ValidatorFn|ValidatorFn[]|AbstractControlOptions|null,\n * asyncValidator?: AsyncValidatorFn|AsyncValidatorFn[]|null) {\n
 super(\n coerceToValidator(validatorOrOpts),\n coerceToAsyncValidator(asyncValidator, validatorOrOpts));\n this._initObservables();\n this._setUpUpdateStrategy(validatorOrOpts);\n this._setUpControls();\n this.updateValueAndValidity({onlySelf: true, emitEvent: false});\n }\n\n /**\n * Get the `AbstractControl` at the

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given `index` in the array.\n * \n * @param index Index in the array to retrieve the control\n * \n at(index:
number): AbstractControl { return this.controls[index]; }\n\n /**\n * Insert a new `AbstractControl` at the end of
the array.\n * \n * @param control Form control to be inserted\n * \n push(control: AbstractControl): void {\n
this.controls.push(control);\n this._registerControl(control);\n this.updateValueAndValidity();\n
this._onCollectionChange();\n }\n\n /**\n * Insert a new `AbstractControl` at the given `index` in the array.\n
*\n * @param index Index in the array to insert the control\n * @param control Form control to be inserted\n
*\n * \n insert(index: number, control: AbstractControl): void {\n this.controls.splice(index, 0, control);\n
this._registerControl(control);\n this.updateValueAndValidity();\n }\n\n /**\n * Remove the control at the given
`index` in the array.\n * \n * @param index Index in the array to remove the control\n * \n removeAt(index:
number): void {\n if (this.controls[index]) this.controls[index]._registerOnCollectionChange(() => {});\n
this.controls.splice(index, 1);\n this.updateValueAndValidity();\n }\n\n /**\n * Replace an existing control.\n
*\n * @param index Index in the array to replace the control\n * @param control The `AbstractControl` control to
replace the existing control\n * \n setControl(index: number, control: AbstractControl): void {\n if
(this.controls[index]) this.controls[index]._registerOnCollectionChange(() => {});\n this.controls.splice(index,
1);\n\n if (control) {\n this.controls.splice(index, 0, control);\n this._registerControl(control);\n }\n\n
this.updateValueAndValidity();\n this._onCollectionChange();\n }\n\n /**\n * Length of the control array.\n
*\n * \n get length(): number { return this.controls.length; }\n\n /**\n * Sets the value of the `FormArray`. It accepts
an array that matches\n * the structure of the control.\n * \n * This method performs strict checks, and throws an
error if you try\n * to set the value of a control that doesn't exist or if you exclude the\n * value of a control.\n
*\n * @usageNotes\n * ### Set the values for the controls in the form array\n * \n * ```\n * const arr = new
FormArray([\n * new FormControl(),\n * new FormControl()\n *]);\n * console.log(arr.value); // [null,
null]\n * \n * arr.setValue(['Nancy', 'Drew']);\n * console.log(arr.value); // ['Nancy', 'Drew']\n * ```\n * \n *
@param value Array of values for the controls\n * @param options Configure options that determine how the
control propagates changes and\n * emits events after the value changes\n * \n * * `onlySelf`: When true, each
change only affects this control, and not its parent. Default\n * is false.\n * * `emitEvent`: When true or not
supplied (the default), both the `statusChanges` and\n * `valueChanges`\n * observables emit events with the
latest status and value when the control value is updated.\n * When false, no events are emitted.\n * The
configuration options are passed to the { @link AbstractControl#updateValueAndValidity\n *
updateValueAndValidity} method.\n * \n * setValue(value: any[], options: {onlySelf?: boolean, emitEvent?:
boolean} = {}): void {\n this._checkAllValuesPresent(value);\n value.forEach((newValue: any, index: number)
=> {\n this._throwIfControlMissing(index);\n this.at(index).setValue(newValue, {onlySelf: true, emitEvent:
options.emitEvent});\n });\n this.updateValueAndValidity(options);\n }\n\n /**\n * Patches the value of the
`FormArray`. It accepts an array that matches the\n * structure of the control, and does its best to match the values
to the correct\n * controls in the group.\n * \n * It accepts both super-sets and sub-sets of the array without
throwing an error.\n * \n * @usageNotes\n * ### Patch the values for controls in a form array\n * \n * ```\n *
const arr = new FormArray([\n * new FormControl(),\n * new FormControl()\n *]);\n *
console.log(arr.value); // [null, null]\n * \n * arr.patchValue(['Nancy']);\n * console.log(arr.value); // ['Nancy',
null]\n * ```\n * \n * @param value Array of latest values for the controls\n * @param options Configure
options that determine how the control propagates changes and\n * emits events after the value changes\n * \n * *
`onlySelf`: When true, each change only affects this control, and not its parent. Default\n * is false.\n * *
`emitEvent`: When true or not supplied (the default), both the `statusChanges` and\n * `valueChanges`\n *
observables emit events with the latest status and value when the control value is updated.\n * When false, no
events are emitted.\n * The configuration options are passed to the { @link
AbstractControl#updateValueAndValidity\n * updateValueAndValidity} method.\n * \n * patchValue(value:
any[], options: {onlySelf?: boolean, emitEvent?: boolean} = {}): void {\n value.forEach((newValue: any, index:
number) => {\n if (this.at(index)) {\n this.at(index).patchValue(newValue, {onlySelf: true, emitEvent:
options.emitEvent});\n }\n });\n this.updateValueAndValidity(options);\n }\n\n /**\n * Resets the
`FormArray` and all descendants are marked `pristine` and `untouched`, and the\n * value of all descendants to null

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or null maps.\n * You reset to a specific form state by passing in an array of states\n * that matches the
structure of the control. The state is a standalone value\n * or a form state object with both a value and a disabled
status.\n * @usageNotes\n * ### Reset the values in a form array\n * ```ts\n * const arr = new
FormArray([\n * new FormControl(),\n * new FormControl()\n *]);\n * arr.reset(['name', 'last name']);\n
*\n * console.log(this.arr.value); // ['name', 'last name']\n * ```\n * ### Reset the values in a form array and
the disabled status for the first control\n * ```\n * this.arr.reset([\n * {value: 'name', disabled: true},\n *
'last'\n *]);\n * console.log(this.arr.value); // ['name', 'last name']\n * console.log(this.arr.get(0).status); //
'DISABLED'\n * ```\n * @param value Array of values for the controls\n * @param options Configure
options that determine how the control propagates changes and\n * emits events after the value changes\n * *
`onlySelf`: When true, each change only affects this control, and not its parent. Default\n * is false.\n * *
`emitEvent`: When true or not supplied (the default), both the `statusChanges` and\n * `valueChanges`\n *
observables emit events with the latest status and value when the control is reset.\n * When false, no events are
emitted.\n * The configuration options are passed to the {@link AbstractControl#updateValueAndValidity\n *
updateValueAndValidity} method.\n */\n reset(value: any = [], options: {onlySelf?: boolean, emitEvent?:
boolean} = {}): void {\n this._forEachChild((control: AbstractControl, index: number) => {\n
control.reset(value[index], {onlySelf: true, emitEvent: options.emitEvent});\n });\n
this._updatePristine(options);\n this._updateTouched(options);\n this.updateValueAndValidity(options);\n }\n\n
/**\n * The aggregate value of the array, including any disabled controls.\n * Reports all values regardless of
disabled status.\n * For enabled controls only, the `value` property is the best way to get the value of the array.\n
*\n * getRawValue(): any[] {\n return this.controls.map((control: AbstractControl) => {\n return control
instanceof FormControl ? control.value : (<any>control).getRawValue();\n });\n }\n\n /**\n * Remove all
controls in the `FormArray`.\n * @usageNotes\n * ### Remove all elements from a FormArray\n * ```ts\n * const arr = new FormArray([\n * new FormControl(),\n * new FormControl()\n *]);\n *
console.log(arr.length); // 2\n * arr.clear();\n * console.log(arr.length); // 0\n * ```\n * It's a simpler
and more efficient alternative to removing all elements one by one:\n * ```ts\n * const arr = new
FormArray([\n * new FormControl(),\n * new FormControl()\n *]);\n * while (arr.length) {\n *
arr.removeAt(0);\n * }\n * ```\n * clear(): void {\n if (this.controls.length < 1) return;\n
this._forEachChild((control: AbstractControl) => control._registerOnCollectionChange(() => {}));\n
this.controls.splice(0);\n this.updateValueAndValidity();\n }\n\n /** @internal *\n _syncPendingControls():
boolean {\n let subtreeUpdated = this.controls.reduce((updated: boolean, child: AbstractControl) => {\n return
child._syncPendingControls() ? true : updated;\n }, false);\n if (subtreeUpdated)\n this.updateValueAndValidity({onlySelf: true});\n return subtreeUpdated;\n }\n\n /** @internal *\n
_throwIfControlMissing(index: number): void {\n if (!this.controls.length) {\n throw new Error(`There
are no form controls registered with this array yet. If you're using ngModel,\n you may want to check next tick
(e.g. use setTimeout).\n `);\n }\n if (!this.at(index)) {\n throw new Error(`Cannot find form control at
index ${index}`);\n }\n }\n\n /** @internal *\n _forEachChild(cb: Function): void {\n
this.controls.forEach((control: AbstractControl, index: number) => { cb(control, index); });\n }\n\n /** @internal
*\n _updateValue(): void {\n (this as {value: any}).value =\n this.controls.filter((control) => control.enabled
|| this.disabled)\n .map((control) => control.value);\n }\n\n /** @internal *\n _anyControls(condition:
Function): boolean {\n return this.controls.some((control: AbstractControl) => control.enabled &&
condition(control));\n }\n\n /** @internal *\n _setUpControls(): void {\n this._forEachChild((control:
AbstractControl) => this._registerControl(control));\n }\n\n /** @internal *\n _checkAllValuesPresent(value:
any): void {\n this._forEachChild((control: AbstractControl, i: number) => {\n if (value[i] === undefined) {\n
throw new Error(`Must supply a value for form control at index: ${i}.`);\n }\n });\n }\n\n /** @internal *\n
_allControlsDisabled(): boolean {\n for (const control of this.controls) {\n if (control.enabled) return false;\n
}\n return this.controls.length > 0 || this.disabled;\n }\n\n private _registerControl(control: AbstractControl) {\n
control.setParent(this);\n control._registerOnCollectionChange(this._onCollectionChange);\n }\n\n }",/**\n *
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style license that can be found in the LICENSE file at <https://angular.io/license>

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import {AfterViewInit, Directive, EventEmitter, Inject, Input, Optional, Self, forwardRef} from '@angular/core';
import {AbstractControl, FormControl, FormGroup, FormHooks} from './model';
import {NG_ASYNC_VALIDATORS, NG_VALIDATORS} from './validators';
import {ControlContainer} from './control_container';
import {Form} from './form_interface';
import {NgControl} from './ng_control';
import {NgModel} from './ng_model';
import {NgModelGroup} from './ng_model_group';
import {composeAsyncValidators, composeValidators, removeDir, setUpControl, setUpFormContainer, syncPendingControls} from './shared';
export const formDirectiveProvider: any = {
 provide: ControlContainer,
 useExisting: forwardRef(() => NgForm)
};
const resolvedPromise = () => Promise.resolve(null);

/**
 * @description
 * Creates a top-level `FormGroup` instance and binds it to a form
 * to track aggregate form value and validation status.
 * As soon as you import the `FormsModule`, this directive becomes active by default on
 * all `` tags. You don't need to add a special selector.
 * You optionally export the directive into a local template variable using `ngForm` as the key
 * (ex: `#myForm="ngForm"`). This is optional, but useful. Many properties from the underlying
 * `FormGroup` instance are duplicated on the directive itself, so a reference to it
 * gives you access to the aggregate value and validity status of the form, as well as
 * user interaction properties like `dirty` and `touched`.
 * To register child controls with the form, use `NgModel` with a `name` attribute. You may use
 * `NgModelGroup` to create sub-groups within the form.
 * If necessary, listen to the directive's `ngSubmit` event to be notified when the user has
 * triggered a form submission. The `ngSubmit` event emits the original form
 * submission event.
 * In template driven forms, all `` tags are automatically tagged as `NgForm`.
 * To import the `FormsModule` but skip its usage in some forms,
 * for example, to use native HTML5 validation, add the `ngNoForm`
 * and the `` tags won't create an `NgForm` directive. In reactive forms, using
 * `ngNoForm` is unnecessary because the `` tags are inert. In that case, you would
 * refrain from using the `formGroup` directive.
 * @usageNotes
 * ### Listening for form submission
 * The following example shows how to capture the form values from the `ngSubmit` event.
 * @example
 * forms/ts/simpleForm/simple_form_example.ts region='Component'
 * ### Setting the update options
 * The following example shows you how to change the `updateOn` option from its default using
 * ngFormOptions.
 * ```html
 * <form [ngFormOptions]="{updateOn: 'blur'}">
 * <input name="one" ngModel>
 * <!-- this ngModel will update on blur -->
 * </form>
 * ```
 * ### Native DOM validation UI
 * In order to prevent the native DOM form validation UI from interfering with Angular's form
 * validation, Angular automatically adds the `novalidate` attribute on any ``
 * whenever `FormsModule` or `ReactiveFormsModule` are imported into the application.
 * If you want to explicitly enable native DOM validation UI with Angular forms, you can
 * add the `ngNativeValidate` attribute to the `` element:
 * ```html
 * <form ngNativeValidate>
 * ...
 * </form>
 * ```
 * @ngModule FormsModule
 * @publicApi
 * @Directive({
 * selector: 'form:not([ngNoForm]):not([formGroup]),ng-form,[ngForm]',
 * providers: [formDirectiveProvider],
 * host: {'(submit)': 'onSubmit($event)', '(reset)': 'onReset()'},
 * outputs: ['ngSubmit'],
 * exportAs: 'ngForm'
 * })
 * export class NgForm extends ControlContainer implements Form,
 * AfterViewInit {
 * /**
 * * @description
 * * Returns whether the form submission has been triggered.
 * */
 * public readonly submitted: boolean = false;
 * private _directives: NgModel[] = [];
 * /**
 * * @description
 * * The `FormGroup` instance created for this form.
 * */
 * form: FormGroup;
 * /**
 * * @description
 * * Event emitter for the `ngSubmit` event.
 * */
 * ngSubmit = new EventEmitter();
 * /**
 * * @description
 * * Tracks options for the `NgForm` instance.
 * * **updateOn**: Sets the default `updateOn` value for all child
 * * `NgModels` below it
 * * unless explicitly set by a child `NgModel` using `ngModelOptions`. Defaults to
 * * 'change'.
 * * Possible values: `change` | `blur` | `submit`.
 * */
 * // TODO(issue/24571): remove '!'.
 * @Input('ngFormOptions') options!: {updateOn?: FormHooks};
 * constructor(
 * @Optional() @Self() @Inject(NG_VALIDATORS) validators: any[],
 * @Optional() @Self() @Inject(NG_ASYNC_VALIDATORS) asyncValidators: any[]
 *) {
 * super();
 * this.form = new FormGroup({}, composeValidators(validators),
 * composeAsyncValidators(asyncValidators));
 * }
 * /**
 * * @description
 * * Lifecycle method called after the view is initialized. For internal use only.
 * */
 * ngAfterViewInit() {
 * this._setUpdateStrategy();
 * }
 * }

```

```

 @description\n * The directive instance.\n */\n get formDirective(): Form { return this; }\n\n /**\n *
 @description\n * The internal `FormGroup` instance.\n */\n get control(): FormGroup { return this.form; }\n\n
 /**\n * @description\n * Returns an array representing the path to this group. Because this directive\n * always
 lives at the top level of a form, it is always an empty array.\n */\n get path(): string[] { return []; }\n\n /**\n *
 @description\n * Returns a map of the controls in this group.\n */\n get controls(): {[key: string]:
 AbstractControl} { return this.form.controls; }\n\n /**\n * @description\n * Method that sets up the control
 directive in this group, re-calculates its value\n * and validity, and adds the instance to the internal list of
 directives.\n */\n * @param dir The `NgModel` directive instance.\n */\n addControl(dir: NgModel): void {\n
 resolvedPromise.then(() => {\n const container = this._findContainer(dir.path);\n (dir as{control:
 FormControl}).control =\n <FormControl>container.registerControl(dir.name, dir.control);\n
 setUpControl(dir.control, dir);\n dir.control.updateValueAndValidity({emitEvent: false});\n
 this._directives.push(dir);\n });\n }\n\n /**\n * @description\n * Retrieves the `FormControl` instance from the
 provided `NgModel` directive.\n */\n * @param dir The `NgModel` directive instance.\n */\n getControl(dir:
 NgModel): FormControl { return <FormControl>this.form.get(dir.path); }\n\n /**\n * @description\n * Removes
 the `NgModel` instance from the internal list of directives\n */\n * @param dir The `NgModel` directive
 instance.\n */\n removeControl(dir: NgModel): void {\n resolvedPromise.then(() => {\n const container =
 this._findContainer(dir.path);\n if (container) {\n container.removeControl(dir.name);\n }\n
 removeDir<NgModel>(this._directives, dir);\n });\n }\n\n /**\n * @description\n * Adds a new
 `NgModelGroup` directive instance to the form.\n */\n * @param dir The `NgModelGroup` directive instance.\n
 */\n addFormGroup(dir: NgModelGroup): void {\n resolvedPromise.then(() => {\n const container =
 this._findContainer(dir.path);\n const group = new FormGroup({});\n setUpFormContainer(group, dir);\n
 container.registerControl(dir.name, group);\n group.updateValueAndValidity({emitEvent: false});\n });\n
 }\n\n /**\n * @description\n * Removes the `NgModelGroup` directive instance from the form.\n */\n *
 @param dir The `NgModelGroup` directive instance.\n */\n removeFormGroup(dir: NgModelGroup): void {\n
 resolvedPromise.then(() => {\n const container = this._findContainer(dir.path);\n if (container) {\n
 container.removeControl(dir.name);\n }\n });\n }\n\n /**\n * @description\n * Retrieves the `FormGroup`
 for a provided `NgModelGroup` directive instance\n */\n * @param dir The `NgModelGroup` directive instance.\n
 */\n getFormGroup(dir: NgModelGroup): FormGroup { return <FormGroup>this.form.get(dir.path); }\n\n /**\n
 * Sets the new value for the provided `NgControl` directive.\n */\n * @param dir The `NgControl` directive
 instance.\n * @param value The new value for the directive's control.\n */\n updateModel(dir: NgControl, value:
 any): void {\n resolvedPromise.then(() => {\n const ctrl = <FormControl>this.form.get(dir.path !);\n
 ctrl.setValue(value);\n });\n }\n\n /**\n * @description\n * Sets the value for this `FormGroup`.\n */\n *
 @param value The new value\n */\n setValue(value: {[key: string]: any}): void { this.control.setValue(value);
 }\n\n /**\n * @description\n * Method called when the "submit" event is triggered on the form.\n * Triggers
 the `ngSubmit` emitter to emit the "submit" event as its payload.\n */\n * @param $event The "submit" event
 object\n */\n onSubmit($event: Event): boolean {\n (this as{submitted: boolean}).submitted = true;\n
 syncPendingControls(this.form, this._directives);\n this.ngSubmit.emit($event);\n return false;\n }\n\n
 /**\n * @description\n * Method called when the "reset" event is triggered on the form.\n */\n onReset(): void {
 this.resetForm(); }\n\n /**\n * @description\n * Resets the form to an initial value and resets its submitted
 status.\n */\n * @param value The new value for the form.\n */\n resetForm(value: any = undefined): void {\n
 this.form.reset(value);\n (this as{submitted: boolean}).submitted = false;\n }\n\n private _setUpdateStrategy() {\n
 if (this.options && this.options.updateOn != null) {\n this.form._updateOn = this.options.updateOn;\n }\n
 }\n\n /**\n @internal\n */\n _findContainer(path: string[]): FormGroup {\n path.pop();\n
 return path.length ?\n <FormGroup>this.form.get(path) : this.form;\n }\n\n "*/\n\n * @license\n * Copyright Google Inc. All Rights
 Reserved.\n */\n * Use of this source code is governed by an MIT-style license that can be\n * found in the
 LICENSE file at https://angular.io/license\n */\n\n import {OnDestroy, OnInit} from '@angular/core';\n
 import {FormGroup} from './model';\n import {ControlContainer} from './control_container';\n import {Form} from
 './form_interface';\n import {composeAsyncValidators, composeValidators, controlPath} from './shared';\n
 import

```



```

{AsyncValidatorFn, ValidatorFn} from './validators';\n\n\n/**\n * @description\n * A base class for code shared
between the `NgModelGroup` and `FormGroupName` directives.\n *\n * @publicApi\n */\nexport class
AbstractFormGroupDirective extends ControlContainer implements OnInit, OnDestroy {\n /**\n * @description\n
* The parent control for the group\n *\n * @internal\n */\n // TODO(issue/24571): remove '!.\n _parent !:
ControlContainer;\n\n /**\n * @description\n * An array of synchronous validators for the group\n *\n *
@internal\n */\n // TODO(issue/24571): remove '!.\n _validators !: any[];\n\n /**\n * @description\n * An
array of async validators for the group\n *\n * @internal\n */\n // TODO(issue/24571): remove '!.\n
_asyncValidators !: any[];\n\n /**\n * @description\n * An internal callback method triggered on the instance
after the inputs are set.\n * Registers the group with its parent group.\n */\n ngOnInit(): void {\n
this._checkParentType();\n this.formDirective!.addFormGroup(this);\n }\n\n /**\n * @description\n * An
internal callback method triggered before the instance is destroyed.\n * Removes the group from its parent group.\n
*/\n ngOnDestroy(): void {\n if (this.formDirective) {\n this.formDirective.removeFormGroup(this);\n }\n
}\n\n /**\n * @description\n * The `FormGroup` bound to this directive.\n */\n get control(): FormGroup {\n
return this.formDirective!.getFormGroup(this);\n }\n\n /**\n * @description\n * The path to this group from the
top-level directive.\n */\n get path(): string[] {\n return controlPath(this.name == null ? this.name :
this.name.toString(), this._parent);\n }\n\n /**\n * @description\n * The top-level directive for this group if
present, otherwise null.\n */\n get formDirective(): Form|null { return this._parent ? this._parent.formDirective :
null;\n }\n\n /**\n * @description\n * The synchronous validators registered with this group.\n */\n get
validator(): ValidatorFn|null { return composeValidators(this._validators);\n }\n\n /**\n * @description\n * The
async validators registered with this group.\n */\n get asyncValidator(): AsyncValidatorFn|null {\n return
composeAsyncValidators(this._asyncValidators);\n }\n\n /**\n * @internal\n */\n _checkParentType(): void
{\n }\n\n\n", /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is
governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n
*/\n\nimport {FormErrorExamples as Examples} from './error_examples';\n\nexport class TemplateDrivenErrors {\n
static modelParentException(): void {\n throw new Error(`\n ngModel cannot be used to register form controls
with a parent formGroup directive. Try using\n formGroup's partner directive `formControlName` instead.
Example:\n\n ${Examples.formControlName}\n\n Or, if you'd like to avoid registering this form control,
indicate that it's standalone in ngModelOptions:\n\n Example:\n\n
${Examples.ngModelWithFormGroup}`);\n }\n\n static formGroupNameException(): void {\n throw new
Error(`\n ngModel cannot be used to register form controls with a parent formGroupName or formArrayName
directive.\n\n Option 1: Use formControlName instead of ngModel (reactive strategy):\n\n
${Examples.formGroupName}\n\n Option 2: Update ngModel's parent be ngModelGroup (template-driven
strategy):\n\n ${Examples.ngModelGroup}`);\n }\n\n static missingNameException() {\n throw new Error(`\n
If ngModel is used within a form tag, either the name attribute must be set or the form\n control must be
defined as 'standalone' in ngModelOptions.\n\n Example 1: <input [(ngModel)]="person.firstName"\n
name="first">\n Example 2: <input [(ngModel)]="person.firstName" [ngModelOptions]="{standalone:
true}">);\n }\n\n static modelGroupParentException() {\n throw new Error(`\n ngModelGroup cannot be
used with a parent formGroup directive.\n\n Option 1: Use formGroupName instead of ngModelGroup (reactive
strategy):\n\n ${Examples.formGroupName}\n\n Option 2: Use a regular form tag instead of the formGroup
directive (template-driven strategy):\n\n ${Examples.ngModelGroup}`);\n }\n\n\n", /**\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n */\n\nimport {Directive, Host, Inject, Input,
OnDestroy, OnInit, Optional, Self, SkipSelf, forwardRef} from '@angular/core';\n\nimport
{NG_ASYNC_VALIDATORS, NG_VALIDATORS} from './validators';\n\nimport
{AbstractFormGroupDirective} from './abstract_form_group_directive';\nimport {ControlContainer} from
 './control_container';\nimport {NgForm} from './ng_form';\nimport {TemplateDrivenErrors} from
 './template_driven_errors';\n\nexport const modelGroupProvider: any = {\n provide: ControlContainer,\n
useExisting: forwardRef(() => NgModelGroup)\n};\n\n\n/**\n * @description\n * Creates and binds a `FormGroup`

```

instance to a DOM element.  
 \* This directive can only be used as a child of `NgForm` (within `` tags).  
 \* Use this directive to validate a sub-group of your form separately from the rest of your form, or if some values in your domain model make more sense to consume together in a nested object.  
 \* Provide a name for the sub-group and it will become the key for the sub-group in the form's full value. If you need direct access, export the directive into a local template variable using `ngModelGroup` (ex:

```

`#myGroup`=`ngModelGroup`);
`@usageNotes`
Consuming controls in a grouping
The following example shows you how to combine controls together in a sub-group of the form.
`@example`
forms/ts/ngModelGroup/ng_model_group_example.ts
region='Component'
`@ngModule` FormsModule
`@publicApi`
`@Directive`({selector: '[ngModelGroup]', providers: [modelGroupProvider], exportAs: 'ngModelGroup'})
export class NgModelGroup extends AbstractFormGroupDirective implements OnInit, OnDestroy {
 `@description`
 * Tracks the name of the `NgModelGroup` bound to the directive. The name corresponds to a key in the parent `NgForm`.
 // TODO(issue/24571): remove '!'.
 `@Input`('ngModelGroup') name!: string;
 constructor(@Host() @SkipSelf() parent: ControlContainer, @Optional() @Self() @Inject(NG_VALIDATORS) validators: any[], @Optional() @Self() @Inject(NG_ASYNC_VALIDATORS) asyncValidators: any[]) {
 super();
 this._parent = parent;
 this._validators = validators;
 this._asyncValidators = asyncValidators;
 }
 // ** @internal
 _checkParentType(): void {
 if (!(this._parent instanceof NgModelGroup) && !(this._parent instanceof NgForm)) {
 TemplateDrivenErrors.modelGroupParentException();
 }
 }
}
`@license`
Copyright Google Inc. All Rights Reserved.
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import {Directive, EventEmitter, Host, Inject, Input, OnChanges, OnDestroy, Optional, Output, Self, SimpleChanges, forwardRef} from '@angular/core';
import {FormControl, FormHooks} from './model';
import {NG_ASYNC_VALIDATORS, NG_VALIDATORS} from './validators';
import {AbstractFormGroupDirective} from './abstract_form_group_directive';
import {ControlContainer} from './control_container';
import {ControlValueAccessor, NG_VALUE_ACCESSOR} from './control_value_accessor';
import {NgControl} from './ng_control';
import {NgForm} from './ng_form';
import {NgModelGroup} from './ng_model_group';
import {composeAsyncValidators, composeValidators, controlPath, isPropertyUpdated, selectValueAccessor, setUpControl} from './shared';
import {TemplateDrivenErrors} from './template_driven_errors';
import {AsyncValidator, AsyncValidatorFn, Validator, ValidatorFn} from './validators';
export const formControlBinding: any = {
 provide: NgControl,
 useExisting: forwardRef(() => NgModel)
};
`ngModel` forces an additional change detection run when its inputs change.
E.g.:
<div>{{myModel.valid}}</div>
<input [(ngModel)]="myValue" #myModel="ngModel">
I.e. `ngModel` can export itself on the element and then be used in the template.
Normally, this would result in expressions before the `input` that use the exported directive to have an old value as they have been dirty checked before. As this is a very common case for `ngModel`, we added this second change detection run.
Notes:
- this is just one extra run no matter how many `ngModel` have been changed.
- this is a general problem when using `exportAs` for directives!
const resolvedPromise = () => Promise.resolve(null);
`@description`
Creates a `FormControl` instance from a domain model and binds it to a form control element.
The `FormControl` instance tracks the value, user interaction, and validation status of the control and keeps the view synced with the model. If used within a parent form, the directive also registers itself with the form as a child control.
This directive is used by itself or as part of a larger form. Use the `ngModel` selector to activate it.
It accepts a domain model as an optional `Input`. If you have a one-way binding to `ngModel` with `[]` syntax, changing the value of the domain model in the component class sets the value in the view. If you have a two-way binding with `[()]` syntax (also known as 'banana-box syntax'), the value in the UI always syncs back to the domain model in your class.
To inspect the properties of the associated `FormControl` (like validity state), export the directive into a local template variable using `ngModel` as the key (ex: `#myVar`=`ngModel`);
You then access the control using the directive's `control` property, but most properties used (like `valid` and `dirty`) fall through to the control

```

anyway for direct access. See a full list of properties directly available in `AbstractControlDirective`.

See `RadioControlValueAccessor`, `SelectControlValueAccessor`, `usageNotes`.

### Using `ngModel` on a standalone control

The following examples show a simple standalone control using `ngModel`:

```
{ @example forms/ts/simpleNgModel/simple_ng_model_example.ts region='Component' }
```

When using the `ngModel` within `<form>` tags, you'll also need to supply a `name` attribute so that the control can be registered with the parent form under that name. In the context of a parent form, it's often unnecessary to include one-way or two-way binding, as the parent form syncs the value for you. You access its properties by exporting it into a local template variable using `ngForm` such as `(#f="ngForm")`. Use the variable where needed on form submission.

If you do need to populate initial values into your form, using a one-way binding for `ngModel` tends to be sufficient as long as you use the exported form's value rather than the domain model's value on submit.

### Using `ngModel` within a form

The following example shows controls using `ngModel` within a form:

```
{ @example forms/ts/simpleForm/simple_form_example.ts region='Component' }
```

### Using a standalone `ngModel` within a group

The following example shows you how to use a standalone `ngModel` control within a form. This controls the display of the form, but doesn't contain form data.

```
html
<form>
 <input
 name="login" ngModel placeholder="Login">
 <input type="checkbox" ngModel
 [ngModelOptions]="{standalone: true}"> Show more options?
</form>

```

```

 super();\n this._parent = parent;\n this._rawValidators = validators || [];\n this._rawAsyncValidators = asyncValidators || [];\n this.valueAccessor = selectValueAccessor(this,\n valueAccessors);\n }\n /**\n * @description\n * A lifecycle method called when\n the directive's inputs change. For internal use\n * only.\n * \n * @param changes A object\n of key/value pairs for the set of changed inputs.\n * \n ngOnChanges(changes: SimpleChanges) {\n this._checkForErrors();\n if (!this._registered) this._setUpControl();\n if ('isDisabled' in\n changes) {\n this._updateDisabled(changes);\n }\n if (isPropertyUpdated(changes,\n this.viewModel)) {\n this._updateValue(this.model);\n this.viewModel = this.model;\n }\n }\n /**\n * @description\n * Lifecycle method called before the directive's\n instance is destroyed. For internal\n * use only.\n * \n ngOnDestroy(): void {\n this.formDirective && this.formDirective.removeControl(this); }\n /**\n * @description\n * Returns an array that represents the path from the top-level form to this control.\n * Each index is the\n string name of the control on that level.\n * \n get path(): string[] {\n return this._parent ?\n controlPath(this.name, this._parent) : [this.name];\n }\n /**\n * @description\n * The top-level directive for this control if present, otherwise null.\n * \n get formDirective(): any {\n return this._parent ? this._parent.formDirective : null; }\n /**\n * @description\n * Synchronous validator function composed of all the synchronous validators\n * registered with this\n directive.\n * \n get validator(): ValidatorFn|null {\n return composeValidators(this._rawValidators);\n }\n /**\n * @description\n * Async validator function composed of all the async\n validators registered with this\n * directive.\n * \n get asyncValidator():\n AsyncValidatorFn|null {\n return composeAsyncValidators(this._rawAsyncValidators);\n }\n /**\n * @description\n * Sets the new value for the view model and emits an\n `ngModelChange` event.\n * \n * @param newValue The new value emitted by\n `ngModelChange`.\n * \n viewToModelUpdate(newValue: any): void {\n this.viewModel\n = newValue;\n this.update.emit(newValue);\n }\n private _setUpControl(): void {\n this._setUpUpdateStrategy();\n this._isStandalone() ? this._setUpStandalone() : \n this.formDirective.addControl(this);\n this._registered = true;\n }\n private\n _setUpUpdateStrategy(): void {\n if (this.options && this.options.updateOn != null) {\n this.control._updateOn = this.options.updateOn;\n }\n }\n private _isStandalone():\n boolean {\n return !this._parent || !(this.options && this.options.standalone);\n }\n private _setUpStandalone(): void {\n setUpControl(this.control, this);\n this.control.updateValueAndValidity({ emitEvent: false });\n }\n private _checkForErrors(): void\n {\n if (!this._isStandalone()) {\n this._checkParentType();\n }\n this._checkName();\n }\n private _checkParentType(): void {\n if (!(this._parent\n instanceof NgModelGroup) &&\n this._parent instanceof AbstractFormGroupDirective) {\n TemplateDrivenErrors.formGroupNameException();\n } else if (\n !(this._parent instanceof\n NgModelGroup) && !(this._parent instanceof NgForm)) {\n TemplateDrivenErrors.modelParentException();\n }\n }\n private _checkName(): void\n {\n if (this.options && this.options.name) this.name = this.options.name;\n if\n (!this._isStandalone() && !this.name) {\n TemplateDrivenErrors.missingNameException();\n }\n }\n private _updateValue(value: any): void {\n resolvedPromise.then(\n () => {\n this.control.setValue(value, { emitViewToModelChange: false });\n })\n }\n private\n _updateDisabled(changes: SimpleChanges) {\n const disabledValue =\n changes['isDisabled'].currentValue;\n const isDisabled = \n disabledValue === ''\n (disabledValue && disabledValue !== 'false');\n resolvedPromise.then(() => {\n if (isDisabled\n && !this.control.disabled) {\n this.control.disable();\n } else if (!isDisabled &&\n this.control.disabled) {\n this.control.enable();\n }\n })\n }\n }\n }\n /**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * \n * Use of this source code is governed by an MIT-

```

style license that can be found in the LICENSE file at <https://angular.io/license>

```

import {Directive} from '@angular/core';
/**
 * @description
 * Adds `novalidate` attribute to all forms by default.
 * `novalidate` is used to disable browser's native form validation.
 * If you want to use native validation with Angular forms, just add `ngNativeValidate` attribute:
 * ```
 * <form ngNativeValidate></form>
 * ```
 * @publicApi
 * @ngModule ReactiveFormsModule
 * @ngModule FormsModule
 */
@Directive({
 selector: 'form:not([ngNoForm]):not([ngNativeValidate])',
 host: {'novalidate': ''},
})
export class NgNoValidate {
 constructor() {}
}
export {NgNoValidate as NgNoValidate};
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be found in the LICENSE file at https://angular.io/license
 */
import {Directive, EventEmitter, Inject, InjectionToken, Input, OnChanges, Optional, Output, Self, SimpleChanges, forwardRef} from '@angular/core';
import {FormControl} from '../model';
import {NG_ASYNC_VALIDATORS, NG_VALIDATORS} from '../validators';
import {ControlValueAccessor, NG_VALUE_ACCESSOR} from './control_value_accessor';
import {NgControl} from './ng_control';
import {ReactiveErrors} from './reactive_errors';
import {_ngModelWarning, composeAsyncValidators, composeValidators, isPropertyUpdated, selectValueAccessor, setUpControl} from './shared';
import {AsyncValidator, AsyncValidatorFn, Validator, ValidatorFn} from './validators';
/**
 * Token to provide to turn off the ngModel warning on FormControl and FormControlName.
 */
export const NG_MODEL_WITH_FORM_CONTROL_WARNING = new InjectionToken('NgModelWithFormControlWarning');
export const FormControlBinding: any = {
 provide: NgControl,
 useExisting: forwardRef(() => FormControlDirective),
};
/**
 * @description
 * Syncs a standalone `FormControl` instance to a form control element.
 * @see [Reactive Forms Guide](guide/reactive-forms)
 * @see `FormControl`
 * @see `AbstractControl`
 * @usageNotes
 * ### Registering a single form control
 * The following examples shows how to register a standalone control and set its value.
 * @example forms/ts/simpleFormControl/simple_form_control_example.ts region='Component'
 * ### Use with ngModel
 * Support for using the `ngModel` input property and `ngModelChange` event with reactive form directives has been deprecated in Angular v6 and will be removed in a future version of Angular.
 * Now deprecated:
 * ```html
 * <input [formControl]="control" [(ngModel)]="value">
 * ```ts
 * this.value = 'some value';
 * ```
 * This has been deprecated for a few reasons. First, developers have found this pattern confusing. It seems like the actual `ngModel` directive is being used, but in fact it's an input/output property named `ngModel` on the reactive form directive that simply approximates (some of) its behavior. Specifically, it allows getting/setting the value and intercepting value events. However, some of `ngModel`'s other features - like delaying updates with `ngModelOptions` or exporting the directive - simply don't work, which has understandably caused some confusion.
 * In addition, this pattern mixes template-driven and reactive forms strategies, which we generally don't recommend because it doesn't take advantage of the full benefits of either strategy. Setting the value in the template violates the template-agnostic principles behind reactive forms, whereas adding a `FormControl`/`FormGroup` layer in the class removes the convenience of defining forms in the template.
 * To update your code before support is removed, you'll want to decide whether to stick with reactive form directives (and get/set values using reactive forms patterns) or switch over to template-driven directives.
 * After (choice 1 - use reactive forms):
 * ```html
 * <input [formControl]="control">
 * ```ts
 * this.control.setValue('some value');
 * ```
 * After (choice 2 - use template-driven forms):
 * ```html
 * <input [(ngModel)]="value">
 * ```ts
 * this.value = 'some value';
 * ```
 * By default, when you use this pattern, you will see a deprecation warning once in dev mode. You can choose to silence this warning by providing a config for `ReactiveFormsModule` at import time:
 * ```ts
 * imports: [ReactiveFormsModule.withConfig({ warnOnNgModelWithFormControl: 'never'})];
 * ```
 * Alternatively, you can choose to surface a separate warning for each instance of this pattern with a config value of `"always"`. This may help to track down where in the code the pattern is being used as the code is being updated.
 * @ngModule ReactiveFormsModule
 * @publicApi
 */
@Directive({
 selector: '[formControl]',
 providers: [FormControlBinding],
 exportAs: 'ngForm'
})
export class FormControlDirective extends NgControl implements OnChanges {
 /**
 * Internal
 */

```



```

syncPendingControls} from './shared';\n\nimport {FormControlName} from './form_control_name';\nimport
{FormArrayName, FormGroupName} from './form_group_name';\n\nexport const formDirectiveProvider: any = {\n
provide: ControlContainer,\n useExisting: forwardRef(() => FormGroupDirective)\n};\n\n/**\n * @description\n
*\n * Binds an existing `FormGroup` to a DOM element.\n *\n * This directive accepts an existing `FormGroup`
instance. It will then use this\n * `FormGroup` instance to match any child `FormControl`, `FormGroup`,\n * and
`FormArray` instances to child `FormControlName`, `FormGroupName`,\n * and `FormArrayName` directives.\n *
*\n * @see [Reactive Forms Guide](guide/reactive-forms)\n * @see `AbstractControl`\n *\n * ### Register Form
Group\n *\n * The following example registers a `FormGroup` with first name and last name controls,\n * and
listens for the *ngSubmit* event when the button is clicked.\n *\n * {@example
forms/ts/simpleFormGroup/simple_form_group_example.ts region='Component'}\n *\n * @NgModule
ReactiveFormsModule\n * @publicApi\n *\n * @Directive({\n selector: '[formGroup]',\n providers:
[formDirectiveProvider],\n host: {'(submit)': 'onSubmit($event)', '(reset)': 'onReset()'},\n exportAs:
'ngForm'\n})\n\nexport class FormGroupDirective extends ControlContainer implements Form,\n OnChanges {\n
/**\n * @description\n * Reports whether the form submission has been triggered.\n *\n public readonly
submitted: boolean = false;\n\n // TODO(issue/24571): remove '!.\n private _oldForm!: FormGroup;\n\n /**\n *
*\n * @description\n * Tracks the list of added `FormControlName` instances\n *\n directives: FormControlName[] =
[];\n\n /**\n * @description\n * Tracks the `FormGroup` bound to this directive.\n *\n @Input('formGroup')
form: FormGroup = null !;\n\n /**\n * @description\n * Emits an event when the form submission has been
triggered.\n *\n @Output() ngSubmit = new EventEmitter();\n\n constructor(\n @Optional() @Self()
@Inject(NG_VALIDATORS) private _validators: any[],\n @Optional() @Self()
@Inject(NG_ASYNC_VALIDATORS) private _asyncValidators: any[]) {\n super();\n }\n\n /**\n *
*\n * @description\n * A lifecycle method called when the directive's inputs change. For internal use only.\n *\n *
*\n * @param changes A object of key/value pairs for the set of changed inputs.\n *\n ngOnChanges(changes:
SimpleChanges): void {\n this._checkFormPresent();\n if (changes.hasOwnProperty('form')) {\n
this._updateValidators();\n this._updateDomValue();\n this._updateRegistrations();\n }\n }\n\n /**\n *
*\n * @description\n * Returns this directive's instance.\n *\n get formDirective(): Form { return this; }\n\n /**\n *
*\n * @description\n * Returns the `FormGroup` bound to this directive.\n *\n get control(): FormGroup { return
this.form; }\n\n /**\n * @description\n * Returns an array representing the path to this group. Because this
directive\n * always lives at the top level of a form, it always an empty array.\n *\n get path(): string[] { return
[]; }\n\n /**\n * @description\n * Method that sets up the control directive in this group, re-calculates its value\n
* and validity, and adds the instance to the internal list of directives.\n *\n * @param dir The `FormControlName`
directive instance.\n *\n addControl(dir: FormControlName): FormControl {\n const ctrl: any =
this.form.get(dir.path);\n setUpControl(ctrl, dir);\n ctrl.updateValueAndValidity({emitEvent: false});\n
this.directives.push(dir);\n return ctrl;\n }\n\n /**\n * @description\n * Retrieves the `FormControl` instance
from the provided `FormControlName` directive\n *\n * @param dir The `FormControlName` directive
instance.\n *\n getControl(dir: FormControlName): FormControl { return <FormControl>this.form.get(dir.path);
}\n\n /**\n * @description\n * Removes the `FormControlName` instance from the internal list of directives\n
*\n * @param dir The `FormControlName` directive instance.\n *\n removeControl(dir: FormControlName):
void {\n removeDir<FormControlName>(this.directives, dir);\n }\n\n /**\n * Adds a new `FormGroupName`
directive instance to the form.\n *\n * @param dir The `FormGroupName` directive instance.\n *\n
addFormGroup(dir: FormGroupName): void {\n const ctrl: any = this.form.get(dir.path);\n
setUpFormContainer(ctrl, dir);\n ctrl.updateValueAndValidity({emitEvent: false});\n }\n\n /**\n * No-op
method to remove the form group.\n *\n * @param dir The `FormGroupName` directive instance.\n *\n
removeFormGroup(dir: FormGroupName): void {} }\n\n /**\n * @description\n * Retrieves the `FormGroup` for
a provided `FormGroupName` directive instance\n *\n * @param dir The `FormGroupName` directive instance.\n
*\n getFormGroup(dir: FormGroupName): FormGroup { return <FormGroup>this.form.get(dir.path); }\n\n /**\n
* Adds a new `FormArrayName` directive instance to the form.\n *\n * @param dir The `FormArrayName`
directive instance.\n *\n addFormArray(dir: FormArrayName): void {\n const ctrl: any =

```

```

this.form.get(dir.path);\n setUpFormContainer(ctrl, dir);\n ctrl.updateValueAndValidity({emitEvent: false});\n
}\n\n /**\n * No-op method to remove the form array.\n *\n * @param dir The `FormArrayName` directive
instance.\n */\n removeFormArray(dir: FormArrayName): void {} \n\n /**\n * @description\n * Retrieves the
`FormArray` for a provided `FormArrayName` directive instance.\n *\n * @param dir The `FormArrayName`
directive instance.\n */\n getFormArray(dir: FormArrayName): FormArray { return
<FormArray>this.form.get(dir.path); }\n\n /**\n * Sets the new value for the provided `FormControlName`
directive.\n *\n * @param dir The `FormControlName` directive instance.\n * @param value The new value for
the directive's control.\n */\n updateModel(dir: FormControlName, value: any): void {\n const ctrl =
<FormControl>this.form.get(dir.path);\n ctrl.setValue(value);\n }\n\n /**\n * @description\n * Method called
with the `"submit"` event is triggered on the form.\n * Triggers the `ngSubmit` emitter to emit the `"submit"`
event as its payload.\n *\n * @param $event The `"submit"` event object\n */\n onSubmit($event: Event): boolean {\n
 (this as {submitted: boolean}).submitted = true;\n syncPendingControls(this.form, this.directives);\n
 this.ngSubmit.emit($event);\n return false;\n }\n\n /**\n * @description\n * Method called when the
`reset` event is triggered on the form.\n */\n onReset(): void { this.resetForm(); }\n\n /**\n * @description\n * Resets
the form to an initial value and resets its submitted status.\n *\n * @param value The new value for the form.\n
*/\n resetForm(value: any = undefined): void {\n this.form.reset(value);\n (this as {submitted:
boolean}).submitted = false;\n }\n\n\n /** @internal */\n _updateDomValue() {\n this.directives.forEach(dir =>
{\n const newCtrl: any = this.form.get(dir.path);\n if (dir.control !== newCtrl) {\n
 cleanUpControl(dir.control, dir);\n if (newCtrl) setUpControl(newCtrl, dir);\n (dir as {control:
FormControl}).control = newCtrl;\n }\n });\n this.form._updateTreeValidity({emitEvent: false});\n }\n\n
private _updateRegistrations() {\n this.form._registerOnCollectionChange(() => this._updateDomValue());\n if
(this._oldForm) this._oldForm._registerOnCollectionChange(() => {});\n this._oldForm = this.form;\n }\n\n
private _updateValidators() {\n const sync = composeValidators(this._validators);\n this.form.validator =
Validators.compose([this.form.validator!, sync!]);\n const async =
composeAsyncValidators(this._asyncValidators);\n this.form.asyncValidator =
Validators.composeAsync([this.form.asyncValidator!, async!]);\n }\n\n private _checkFormPresent() {\n if
(!this.form) {\n ReactiveErrors.missingFormException();\n }\n }\n}\n\n", /**\n * @license\n * Copyright
Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that can be\n
* found in the LICENSE file at https://angular.io/license\n */\n\nimport {Directive, Host, Inject, Input, OnDestroy,
OnInit, Optional, Self, SkipSelf, forwardRef} from '@angular/core';\nimport {FormArray} from
'./../model';\nimport {NG_ASYNC_VALIDATORS, NG_VALIDATORS} from './../validators';\nimport
{AbstractFormGroupDirective} from './abstract_form_group_directive';\nimport {ControlContainer} from
 './control_container';\nimport {ReactiveErrors} from './reactive_errors';\nimport {composeAsyncValidators,
composeValidators, controlPath} from './shared';\nimport {AsyncValidatorFn, ValidatorFn} from
 './validators';\nimport {FormGroupDirective} from './form_group_directive';\n\nexport const
formGroupNameProvider: any = {\n provide: ControlContainer,\n useExisting: forwardRef(() =>
FormGroupName)\n};\n\n /**\n * @description\n *\n * Syncs a nested `FormGroup` to a DOM element.\n *\n *
This directive can only be used with a parent `FormGroupDirective`.\n *\n * It accepts the string name of the nested
`FormGroup` to link, and\n * looks for a `FormGroup` registered with that name in the parent\n * `FormGroup`
instance you passed into `FormGroupDirective`.\n *\n * Use nested form groups to validate a sub-group of a\n *
form separately from the rest or to group the values of certain\n * controls into their own nested object.\n *\n * @see
[Reactive Forms Guide](guide/reactive-forms)\n *\n * @usageNotes\n *\n * ### Access the group by name\n *\n *
The following example uses the { @link AbstractControl#get get } method to access the\n * associated
`FormGroup`\n *\n * ```ts\n * this.form.get('name');\n * ```\n *\n * ### Access individual controls in the group\n
*\n * The following example uses the { @link AbstractControl#get get } method to access\n * individual controls
within the group using dot syntax.\n *\n * ```ts\n * this.form.get('name.first');\n * ```\n *\n * ### Register a nested
`FormGroup`\n *\n * The following example registers a nested *name* `FormGroup` within an existing
`FormGroup`,\n * and provides methods to retrieve the nested `FormGroup` and individual controls.\n *\n *

```



```

{@example forms/ts/nestedFormGroup/nested_form_group_example.ts region='Component'}\n *\n * @NgModule
ReactiveFormsModule\n * @publicApi\n */\n@Directive({selector: '[formGroupName]', providers:
[formGroupNameProvider]})\nexport class FormGroupName extends AbstractFormGroupDirective implements
OnInit, OnDestroy {\n /**\n * @description\n * Tracks the name of the `FormGroup` bound to the directive. The
name corresponds\n * to a key in the parent `FormGroup` or `FormArray`.\n * Accepts a name as a string or a
number.\n * The name in the form of a string is useful for individual forms,\n * while the numerical form allows
for form groups to be bound\n * to indices when iterating over groups in a `FormArray`.\n */\n //
TODO(issue/24571): remove '!.\n * @Input('formGroupName') name!: string | number | null;\n\n constructor(\n
@Optional() @Host() @SkipSelf() parent: ControlContainer,\n @Optional() @Self()
@Inject(NG_VALIDATORS) validators: any[],\n @Optional() @Self() @Inject(NG_ASYNC_VALIDATORS)
asyncValidators: any[]) {\n super();\n this._parent = parent;\n this._validators = validators;\n
this._asyncValidators = asyncValidators;\n }\n\n /** @internal */\n _checkParentType(): void {\n if
(_hasInvalidParent(this._parent)) {\n ReactiveErrors.groupParentException();\n }\n }\n}\n\nexport const
formArrayNameProvider: any = {\n provide: ControlContainer,\n useExisting: forwardRef(() =>
FormArrayName)\n};\n\n/**\n * @description\n */\n * Syncs a nested `FormArray` to a DOM element.\n *\n * This
directive is designed to be used with a parent `FormGroupDirective` (selector:\n * `[formGroup]`).\n *\n * It accepts
the string name of the nested `FormArray` you want to link, and\n * will look for a `FormArray` registered with that
name in the parent\n * `FormGroup` instance you passed into `FormGroupDirective`.\n *\n * @see [Reactive Forms
Guide](guide/reactive-forms)\n * @see `AbstractControl`\n */\n * @usageNotes\n */\n * ### Example\n *\n *
{@example forms/ts/nestedFormArray/nested_form_array_example.ts region='Component'}\n *\n * @NgModule
ReactiveFormsModule\n * @publicApi\n */\n@Directive({selector: '[formArrayName]', providers:
[formArrayNameProvider]})\nexport class FormArrayName extends ControlContainer implements OnInit,
OnDestroy {\n /** @internal */\n _parent: ControlContainer;\n\n /** @internal */\n _validators: any[];\n\n /**
@internal */\n _asyncValidators: any[];\n\n /**\n * @description\n * Tracks the name of the `FormArray` bound
to the directive. The name corresponds\n * to a key in the parent `FormGroup` or `FormArray`.\n * Accepts a
name as a string or a number.\n * The name in the form of a string is useful for individual forms,\n * while the
numerical form allows for form arrays to be bound\n * to indices when iterating over arrays in a `FormArray`.\n
*/\n // TODO(issue/24571): remove '!.\n * @Input('formArrayName') name!: string | number | null;\n\n
constructor(\n @Optional() @Host() @SkipSelf() parent: ControlContainer,\n @Optional() @Self()
@Inject(NG_VALIDATORS) validators: any[],\n @Optional() @Self() @Inject(NG_ASYNC_VALIDATORS)
asyncValidators: any[]) {\n super();\n this._parent = parent;\n this._validators = validators;\n
this._asyncValidators = asyncValidators;\n }\n\n /**\n * @description\n * A lifecycle method called when the
directive's inputs are initialized. For internal use only.\n */\n * @throws If the directive does not have a valid
parent.\n */\n ngOnInit(): void {\n this._checkParentType();\n this.formDirective!.addFormArray(this);\n
}\n\n /**\n * @description\n * A lifecycle method called before the directive's instance is destroyed. For internal
use only.\n */\n ngOnDestroy(): void {\n if (this.formDirective) {\n
this.formDirective.removeFormArray(this);\n }\n }\n\n /**\n * @description\n * The `FormArray` bound to
this directive.\n */\n get control(): FormArray { return this.formDirective!.getFormArray(this); }\n\n /**\n *
@description\n * The top-level directive for this group if present, otherwise null.\n */\n get formDirective():
FormGroupDirective|null {\n return this._parent ? <FormGroupDirective>this._parent.formDirective : null;\n
}\n\n /**\n * @description\n * Returns an array that represents the path from the top-level form to this control.\n
*/\n * Each index is the string name of the control on that level.\n */\n get path(): string[] {\n return
controlPath(this.name == null ? this.name : this.name.toString(), this._parent);\n }\n\n /**\n * @description\n
*/\n * Synchronous validator function composed of all the synchronous validators registered with this\n * directive.\n
*/\n get validator(): ValidatorFn|null { return composeValidators(this._validators); }\n\n /**\n * @description\n
*/\n * Async validator function composed of all the async validators registered with this directive.\n */\n get
asyncValidator(): AsyncValidatorFn|null {\n return composeAsyncValidators(this._asyncValidators);\n }\n\n private
_checkParentType(): void {\n if (_hasInvalidParent(this._parent)) {\n

```

```

ReactiveErrors.arrayParentException();\n }\n }\n}\n\nfunction _hasInvalidParent(parent: ControlContainer):
boolean {\n return !(parent instanceof FormGroupName) && !(parent instanceof FormGroupDirective) &&\n
!(parent instanceof FormArrayName);\n}\n", "/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n
*\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n */\n\nimport {Directive, EventEmitter, Host, Inject, Input, OnChanges, OnDestroy,
Optional, Output, Self, SimpleChanges, SkipSelf, forwardRef} from '@angular/core';\n\nimport {FormControl}
from '../model';\nimport {NG_ASYNC_VALIDATORS, NG_VALIDATORS} from '../validators';\nimport
{AbstractFormGroupDirective} from './abstract_form_group_directive';\nimport {ControlContainer} from
'./control_container';\nimport {ControlValueAccessor, NG_VALUE_ACCESSOR} from
'./control_value_accessor';\nimport {NgControl} from './ng_control';\nimport {ReactiveErrors} from
'./reactive_errors';\nimport {_ngModelWarning, composeAsyncValidators, composeValidators, controlPath,
isPropertyUpdated, selectValueAccessor} from './shared';\nimport {AsyncValidator, AsyncValidatorFn, Validator,
ValidatorFn} from './validators';\n\nimport {NG_MODEL_WITH_FORM_CONTROL_WARNING} from
'./form_control_directive';\nimport {FormGroupDirective} from './form_group_directive';\nimport
{FormArrayName, FormGroupName} from './form_group_name';\n\nexport const controlNameBinding: any = {\n
provide: NgControl,\n useExisting: forwardRef(() => FormControlName)\n};\n\n/**\n * @description\n * Syncs a
`FormControl` in an existing `FormGroup` to a form control\n * element by name.\n * \n * @see [Reactive Forms
Guide](guide/reactive-forms)\n * @see `FormControl`\n * @see `AbstractControl`\n * \n * @usageNotes\n * \n *
Register `FormControl` within a group\n * \n * The following example shows how to register multiple form
controls within a form group\n * and set their value.\n * \n * {@example
forms/ts/simpleFormGroup/simple_form_group_example.ts region='Component'}\n * \n * To see
`FormControlName` examples with different form control types, see:\n * \n * * Radio buttons:
`RadioControlValueAccessor`\n * * Selects: `SelectControlValueAccessor`\n * * ### Use with ngModel\n * \n *
Support for using the `ngModel` input property and `ngModelChange` event with reactive\n * form directives has
been deprecated in Angular v6 and will be removed in a future\n * version of Angular.\n * \n * Now deprecated:\n
*\n * ```html\n * <form [formGroup]="form">\n * <input formControlName="first" [(ngModel)]="value">\n *
</form>\n * ```\n * \n * ```ts\n * this.value = 'some value';\n * ```\n * \n * This has been deprecated for a few reasons.
First, developers have found this pattern\n * confusing. It seems like the actual `ngModel` directive is being used,
but in fact it's\n * an input/output property named `ngModel` on the reactive form directive that simply\n *
approximates (some of) its behavior. Specifically, it allows getting/setting the value\n * and intercepting value
events. However, some of `ngModel`'s other features - like\n * delaying updates with `ngModelOptions` or
exporting the directive - simply don't work,\n * which has understandably caused some confusion.\n * \n * In
addition, this pattern mixes template-driven and reactive forms strategies, which\n * we generally don't recommend
because it doesn't take advantage of the full benefits of\n * either strategy. Setting the value in the template violates
the template-agnostic\n * principles behind reactive forms, whereas adding a `FormControl`/`FormGroup` layer in\n
* the class removes the convenience of defining forms in the template.\n * \n * To update your code before support is
removed, you'll want to decide whether to stick with\n * reactive form directives (and get/set values using reactive
forms patterns) or switch over to\n * template-driven directives.\n * \n * After (choice 1 - use reactive forms):\n
*\n * ```html\n * <form [formGroup]="form">\n * <input formControlName="first">\n * </form>\n * ```\n * \n *
```ts\n * this.form.get('first').setValue('some value');\n * ```\n * \n * After (choice 2 - use template-driven forms):\n
*\n * ```html\n * <input [(ngModel)]="value">\n * ```\n * \n * ```ts\n * this.value = 'some value';\n * ```\n * \n *
By default, when you use this pattern, you will see a deprecation warning once in dev\n * mode. You can choose to
silence this warning by providing a config for\n * `ReactiveFormsModule` at import time:\n * \n * ```ts\n * imports:
[\n *   ReactiveFormsModule.withConfig({ warnOnNgModelWithFormControl: 'never'})\n * ]\n * ```\n * \n *
Alternatively, you can choose to surface a separate warning for each instance of this\n * pattern with a config value
of `"always"`. This may help to track down where in the code\n * the pattern is being used as the code is being
updated.\n * \n * @ngModule ReactiveFormsModule\n * @publicApi\n * \n * @Directive({ selector:
'[formControlName]', providers: [controlNameBinding]})\n\nexport class FormControlName extends NgControl

```

```

implements OnChanges, OnDestroy {
  private _added = false;
  /**
   * @description
   * Internal reference to the view model value.
   * @internal
   */
  viewModel: any;
  /**
   * @description
   * Tracks the `FormControl` instance bound to the directive.
   */
  // TODO(issue/24571): remove '!'.
  readonly control!: FormControl;

  /**
   * @description
   * Tracks the name of the `FormControl` bound to the directive. The name corresponds
   * to a key in the parent `FormGroup` or `FormArray`.
   * Accepts a name as a string or a number.
   * The name in the form of a string is useful for individual forms,
   * while the numerical form allows for form controls to be bound
   * to indices when iterating over controls in a `FormArray`.
   */
  // TODO(issue/24571): remove '!'.
  @Input('formControlName') name!: string | number | null;

  /**
   * @description
   * Triggers a warning that this input should not be used with reactive forms.
   */
  @Input('disabled') set isDisabled(isDisabled: boolean) {
    ReactiveErrors.disabledAttrWarning();
  }

  // TODO(kara): remove next 4 properties once deprecation period is over
  /** @deprecated as of v6 */
  @Input('ngModel') model: any;

  /** @deprecated as of v6 */
  @Output('ngModelChange') update = new EventEmitter();

  /**
   * @description
   * Static property used to track whether any ngModel warnings have been sent across
   * all instances of FormControlName. Used to support warning config of `"once"`.
   */
  @internal
  static ngModelWarningSentOnce = false;

  /**
   * @description
   * Instance property used to track whether an ngModel warning has been sent out for this
   * particular FormControlName instance. Used to support warning config of `"always"`.
   */
  @internal
  _ngModelWarningSent = false;

  constructor(
    @Optional() @Host() @SkipSelf() parent: ControlContainer,
    @Optional() @Self() @Inject(NG_VALIDATORS) validators: Array<Validator|ValidatorFn>,
    @Optional() @Self() @Inject(NG_ASYNC_VALIDATORS) asyncValidators: Array<AsyncValidator|AsyncValidatorFn>,
    @Optional() @Self() @Inject(NG_VALUE_ACCESSOR) valueAccessors: ControlValueAccessor[],
    @Optional() @Inject(NG_MODEL_WITH_FORM_CONTROL_WARNING) private ngModelWarningConfig: string | null) {
    super();
    this._parent = parent;
    this._rawValidators = validators || [];
    this._rawAsyncValidators = asyncValidators || [];
    this.valueAccessor = selectValueAccessor(this, valueAccessors);
  }

  /**
   * @description
   * A lifecycle method called when the directive's inputs change. For internal use only.
   * @param changes A object of key/value pairs for the set of changed inputs.
   */
  ngOnChanges(changes: SimpleChanges) {
    if (!this._added) this._setUpControl();
    if (isPropertyUpdated(changes, this.viewModel)) {
      _ngModelWarning('formControlName', FormControlName, this, this._ngModelWarningConfig);
      this.viewModel = this.model;
      this.formDirective.updateModel(this, this.model);
    }
  }

  /**
   * @description
   * Lifecycle method called before the directive's instance is destroyed. For internal use only.
   */
  ngOnDestroy(): void {
    if (this.formDirective) {
      this.formDirective.removeControl(this);
    }
  }

  /**
   * @description
   * Sets the new value for the view model and emits an `ngModelChange` event.
   * @param newValue The new value for the view model.
   */
  viewToModelUpdate(newValue: any): void {
    this.viewModel = newValue;
    this.update.emit(newValue);
  }

  /**
   * @description
   * Returns an array that represents the path from the top-level form to this control.
   * Each index is the string name of the control on that level.
   */
  get path(): string[] {
    return controlPath(this.name == null ? this.name : this.name.toString(), this._parent!);
  }

  /**
   * @description
   * The top-level directive for this group if present, otherwise null.
   */
  get formDirective(): any {
    return this._parent ? this._parent.formDirective : null;
  }

  /**
   * @description
   * Synchronous validator function composed of all the synchronous validators
   * registered with this directive.
   */
  get validator(): ValidatorFn | null {
    return composeValidators(this._rawValidators);
  }

  /**
   * @description
   * Async validator function composed of all the async validators registered with this
   * directive.
   */
  get asyncValidator(): AsyncValidatorFn {
    return composeAsyncValidators(this._rawAsyncValidators)!;
  }

  private _checkParentType(): void {
    if (!(this._parent instanceof FormGroupName) && this._parent instanceof AbstractFormGroupDirective) {
      ReactiveErrors.ngModelGroupException();
    } else if (!(this._parent instanceof FormGroupName) && !(this._parent instanceof FormGroupDirective) && !(this._parent instanceof FormArrayName)) {
      ReactiveErrors.controlParentException();
    }
  }

  private _setUpControl() {
    this._checkParentType();
    (this as {control: FormControl}).control =

```

```

this.formDirective.addControl(this);
if (this.control.disabled && this.valueAccessor !.setDisabledState) {
  this.valueAccessor !.setDisabledState !(true);
}
this._added = true;
}
}
"/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that
 * can be found in the LICENSE file at https://angular.io/license
 */
import { Directive, Input, OnChanges, SimpleChanges, StaticProvider, forwardRef } from '@angular/core';
import { Observable } from 'rxjs';
import { AbstractControl } from './model';
import { NG_VALIDATORS, Validators } from './validators';

/**
 * @description
 * Defines the map of errors returned from failed validation checks.
 *
 * @publicApi
 */
export type ValidationErrors = { [key: string]: any };

/**
 * @description
 * An interface implemented by classes that perform synchronous validation.
 *
 * @usageNotes
 * ### Provide a custom validator
 *
 * The following example implements the `Validator` interface to create a validator directive with a custom error key.
 *
 * ```typescript
 * @Directive({
 *   selector: '[customValidator]',
 *   providers: [{ provide: NG_VALIDATORS, useExisting: CustomValidatorDirective, multi: true }]
 * })
 * class CustomValidatorDirective implements Validator {
 *   validate(control: AbstractControl): ValidationErrors | null {
 *     return { 'custom': true };
 *   }
 * }
 * ```
 *
 * @publicApi
 */
export interface Validator {
  /**
   * @description
   * Method that performs synchronous validation against the provided control.
   *
   * @param control
   * The control to validate against.
   *
   * @returns
   * A map of validation errors if validation fails, otherwise null.
   */
  validate(control: AbstractControl): ValidationErrors | null;
}

/**
 * @description
 * Registers a callback function to call when the validator inputs change.
 *
 * @param fn
   The callback function
 */
registerOnValidatorChange?(fn: () => void): void;
}

/**
 * @description
 * An interface implemented by classes that perform asynchronous validation.
 *
 * @usageNotes
 * ### Provide a custom async validator
 *
 * The following example implements the `AsyncValidator` interface to create an async validator directive with a custom error key.
 *
 * ```typescript
 * import { of as observableOf } from 'rxjs';
 *
 * @Directive({
 *   selector: '[customAsyncValidator]',
 *   providers: [{ provide: NG_ASYNC_VALIDATORS, useExisting: CustomAsyncValidatorDirective, multi: true }]
 * })
 * class CustomAsyncValidatorDirective implements AsyncValidator {
 *   validate(control: AbstractControl): Observable<ValidationErrors | null> {
 *     return observableOf({ 'custom': true });
 *   }
 * }
 * ```
 *
 * @publicApi
 */
export interface AsyncValidator extends Validator {
  /**
   * @description
   * Method that performs async validation against the provided control.
   *
   * @param control
   * The control to validate against.
   *
   * @returns
   * A promise or observable that resolves a map of validation errors if validation fails, otherwise null.
   */
  validate(control: AbstractControl): Promise<ValidationErrors | null> | Observable<ValidationErrors | null>;
}

/**
 * @description
 * Provider which adds `RequiredValidator` to the `NG_VALIDATORS` multi-provider list.
 */
export const REQUIRED_VALIDATOR: StaticProvider = {
  provide: NG_VALIDATORS,
  useExisting: forwardRef(() => RequiredValidator),
  multi: true
};

/**
 * @description
 * Provider which adds `CheckboxRequiredValidator` to the `NG_VALIDATORS` multi-provider list.
 */
export const CHECKBOX_REQUIRED_VALIDATOR: StaticProvider = {
  provide: NG_VALIDATORS,
  useExisting: forwardRef(() => CheckboxRequiredValidator),
  multi: true
};

/**
 * @description
 * A directive that adds the `required` validator to any controls marked with the `required` attribute. The directive is provided with the `NG_VALIDATORS` multi-provider list.
 *
 * @see [Form Validation](guide/form-validation)
 *
 * @usageNotes
 * ### Adding a required validator using template-driven forms
 *
 * ```html
 * <input name="fullName" ngModel required>
 * ```
 *
 * @ngModule FormsModule
 * @ngModule ReactiveFormsModule
 *
 * @publicApi
 */
@Directive({
  selector: ':not([type=checkbox])[required][formControlName], :not([type=checkbox])[required][formControl], :not([type=checkbox])[required][ngModel]',
  providers: [REQUIRED_VALIDATOR],
  host: {'[attr.required]': 'required ? "" : null'}
})
export class RequiredValidator implements Validator {
  // TODO(issue/24571): remove '!'.
  private _required!: boolean;
  // TODO(issue/24571): remove '!'.
  private _onChange!: () => void;

  /**
   * @description
   * Tracks changes to the required attribute bound to this directive.
   */
  @Input() get required(): boolean | string {
    return this._required;
  }
  set required(value: boolean | string) {
    this._required = value != null && value !== false && `${value}` !== 'false';
    if (this._onChange) this._onChange();
  }
}

```

```

/**\n * @description\n * Method that validates whether the control is empty.\n * Returns the validation result if
enabled, otherwise null.\n */\n validate(control: AbstractControl): ValidationErrors|null {\n return this.required ?
Validators.required(control) : null;\n }\n\n /**\n * @description\n * Registers a callback function to call when
the validator inputs change.\n * \n * @param fn The callback function\n */\n registerOnValidatorChange(fn: ()
=> void): void { this._onChange = fn; }\n\n\n /**\n * A Directive that adds the `required` validator to checkbox
controls marked with the\n * `required` attribute. The directive is provided with the `NG_VALIDATORS` multi-
provider list.\n * \n * @see [Form Validation](guide/form-validation)\n * \n * @usageNotes\n * \n * ### Adding a
required checkbox validator using template-driven forms\n * \n * The following example shows how to add a
checkbox required validator to an input attached to an ngModel binding.\n * \n * ```\n * <input type="checkbox"\n
name="active" ngModel required>\n * ```\n * \n * @publicApi\n * @ngModule FormsModule\n * @ngModule
ReactiveFormsModule\n */\n @Directive({\n selector:\n
'input[type=checkbox][required][formControlName],input[type=checkbox][required][formControl],input[type=checkbox][required][ngModel]',\n
providers: [CHECKBOX_REQUIRED_VALIDATOR],\n host: {'attr.required':\n
'required ? \"\" : null'}\n })\n\n export class CheckboxRequiredValidator extends RequiredValidator {\n /**\n *
@description\n * Method that validates whether or not the checkbox has been checked.\n * Returns the validation
result if enabled, otherwise null.\n */\n validate(control: AbstractControl): ValidationErrors|null {\n return
this.required ? Validators.requiredTrue(control) : null;\n }\n\n\n /**\n * @description\n * Provider which adds
`EmailValidator` to the `NG_VALIDATORS` multi-provider list.\n */\n\n export const EMAIL_VALIDATOR: any =
{\n provide: NG_VALIDATORS,\n useExisting: forwardRef(() => EmailValidator),\n multi: true\n};\n\n\n /**\n * A
directive that adds the `email` validator to controls marked with the\n * `email` attribute. The directive is provided
with the `NG_VALIDATORS` multi-provider list.\n * \n * @see [Form Validation](guide/form-validation)\n * \n *
@usageNotes\n * \n * ### Adding an email validator\n * \n * The following example shows how to add an email
validator to an input attached to an ngModel binding.\n * \n * ```\n * <input type="email" name="email"\n
ngModel email>\n * <input type="email" name="email" ngModel email="true">\n * <input type="email"\n
name="email" ngModel [email]="true">\n * ```\n * \n * @publicApi\n * @ngModule FormsModule\n *
@ngModule ReactiveFormsModule\n */\n @Directive({\n selector:\n
'[email][formControlName],[email][formControl],[email][ngModel]',\n
providers: [EMAIL_VALIDATOR]\n })\n\n export class EmailValidator implements Validator {\n // TODO(issue/24571):
remove '!\n private _enabled!: boolean;\n // TODO(issue/24571): remove '!\n private _onChange!: () =>
void;\n\n /**\n * @description\n * Tracks changes to the email attribute bound to this directive.\n */\n
@Input()\n set email(value: boolean|string) {\n this._enabled = value === " || value === true || value === 'true';\n
if (this._onChange) this._onChange();\n }\n\n\n /**\n * @description\n * Method that validates whether an email
address is valid.\n * Returns the validation result if enabled, otherwise null.\n */\n validate(control:
AbstractControl): ValidationErrors|null {\n return this._enabled ? Validators.email(control) : null;\n }\n\n\n /**\n *
@description\n * Registers a callback function to call when the validator inputs change.\n * \n * @param fn
The callback function\n */\n registerOnValidatorChange(fn: () => void): void { this._onChange = fn; }\n\n\n /**\n *
@description\n * A function that receives a control and synchronously returns a map of\n * validation errors if
present, otherwise null.\n * \n * @publicApi\n */\n\n export interface ValidatorFn { (control: AbstractControl):
ValidationErrors|null; }\n\n\n /**\n * @description\n * A function that receives a control and returns a Promise or
observable\n * that emits validation errors if present, otherwise null.\n * \n * @publicApi\n */\n\n export interface
AsyncValidatorFn {\n (control: AbstractControl):\n
Promise<ValidationErrors|null>|Observable<ValidationErrors|null>;\n }\n\n\n /**\n * @description\n * Provider which
adds `MinLengthValidator` to the `NG_VALIDATORS` multi-provider list.\n */\n\n export const
MIN_LENGTH_VALIDATOR: any = {\n provide: NG_VALIDATORS,\n useExisting: forwardRef(() =>
MinLengthValidator),\n multi: true\n};\n\n\n /**\n * A directive that adds minimum length validation to controls
marked with the\n * `minlength` attribute. The directive is provided with the `NG_VALIDATORS` multi-provider
list.\n * \n * @see [Form Validation](guide/form-validation)\n * \n * @usageNotes\n * \n * ### Adding a minimum
length validator\n * \n * The following example shows how to add a minimum length validator to an input attached

```

```

to an\n * ngModel binding.\n *\n * ``html\n * <input name=\"firstName\" ngModel minlength=\"4\">\n *\n *\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n * ^\n * @Directive({\n selector: '[minlength][formControlName],[minlength][formControl],[minlength][ngModel]',\n providers:\n [MIN_LENGTH_VALIDATOR],\n host: {'[attr.minlength]': 'minlength ? minlength : null'}\n})\n * ^\n * @description\n * Tracks changes to the the minimum length bound to this directive.\n *\n * ^\n * //\n * TODO(issue/24571): remove '!.\n * @Input() minlength!: string | number;\n *\n * ^\n * @description\n * A\n lifecycle method called when the directive's inputs change. For internal use\n * only.\n *\n * @param changes A\n object of key/value pairs for the set of changed inputs.\n *\n * ^\n * ngOnChanges(changes: SimpleChanges): void {\n if ('minlength' in changes) {\n this._createValidator();\n if (this._onChange) this._onChange();\n }\n }\n *\n * ^\n * @description\n * Method that validates whether the value meets a minimum length\n * requirement.\n *\n * ^\n * validate(control: AbstractControl):\n ValidationErrors|null {\n return this.minlength == null ? null : this._validator(control);\n }\n *\n * ^\n * @description\n * Registers a callback function to call when the validator inputs change.\n *\n * @param fn The\n callback function\n *\n * ^\n * registerOnValidatorChange(fn: () => void): void {\n this._onChange = fn;\n }\n *\n * private\n _createValidator(): void {\n this._validator = Validators.minLength(\n typeof this.minlength === 'number' ?\n this.minlength : parseInt(this.minlength, 10));\n }\n *\n * ^\n * @description\n * Provider which adds\n `MaxLengthValidator` to the `NG_VALIDATORS` multi-provider list.\n *\n * ^\n * export const\n MAX_LENGTH_VALIDATOR: any = {\n provide: NG_VALIDATORS,\n useExisting: forwardRef(() =>\n MaxLengthValidator),\n multi: true\n};\n *\n * ^\n * A directive that adds max length validation to controls marked\n with the\n * `maxlength` attribute. The directive is provided with the `NG_VALIDATORS` multi-provider list.\n *\n * ^\n * @see [Form Validation](guide/form-validation)\n *\n * @usageNotes\n *\n * ### Adding a maximum length\n validator\n *\n * The following example shows how to add a maximum length validator to an input attached to an\n * ngModel binding.\n *\n * ``html\n * <input name=\"firstName\" ngModel maxlength=\"25\">\n *\n *\n * @ngModule ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n * ^\n * @Directive({\n selector:\n '[maxlength][formControlName],[maxlength][formControl],[maxlength][ngModel]',\n providers:\n [MAX_LENGTH_VALIDATOR],\n host: {'[attr.maxlength]': 'maxlength ? maxlength : null'}\n})\n * ^\n * @description\n * Tracks changes to the the maximum length bound to this directive.\n *\n * ^\n * //\n * TODO(issue/24571): remove '!.\n * @Input() maxlength!: string | number;\n *\n * ^\n * @description\n * A\n lifecycle method called when the directive's inputs change. For internal use\n * only.\n *\n * @param changes A\n object of key/value pairs for the set of changed inputs.\n *\n * ^\n * ngOnChanges(changes: SimpleChanges): void {\n if ('maxlength' in changes) {\n this._createValidator();\n if (this._onChange) this._onChange();\n }\n }\n *\n * ^\n * @description\n * Method that validates whether the value exceeds\n * the maximum length\n requirement.\n *\n * ^\n * validate(control: AbstractControl): ValidationErrors|null {\n return this.maxlength != null ?\n this._validator(control) : null;\n }\n *\n * ^\n * @description\n * Registers a callback function to call when the\n validator inputs change.\n *\n * @param fn The\n callback function\n *\n * ^\n * registerOnValidatorChange(fn: () =>\n void): void {\n this._onChange = fn;\n }\n *\n * private\n _createValidator(): void {\n this._validator =\n Validators.maxLength(\n typeof this.maxlength === 'number' ? this.maxlength : parseInt(this.maxlength, 10));\n }\n *\n * ^\n * @description\n * Provider which adds `PatternValidator` to the `NG_VALIDATORS` multi-\n provider list.\n *\n * ^\n * export const PATTERN_VALIDATOR: any = {\n provide: NG_VALIDATORS,\n useExisting: forwardRef(() => PatternValidator),\n multi: true\n};\n *\n * ^\n * @description\n * A directive that\n adds regex pattern validation to controls marked with the\n * `pattern` attribute. The regex must match the entire\n control value.\n *\n * The directive is provided with the `NG_VALIDATORS` multi-provider list.\n *\n * @see [Form\n Validation](guide/form-validation)\n *\n * @usageNotes\n *\n * ### Adding a pattern validator\n *\n * The\n following example shows how to add a pattern validator to an input attached to an\n * ngModel binding.\n *\n *

```

```

```html\n * <input name=\"firstName\" ngModel pattern=\"[a-zA-Z]*\">\n * ```\n * \n * @ngModule
ReactiveFormsModule\n * @ngModule FormsModule\n * @publicApi\n * ^\n@Directive({\n selector:
'[pattern][formControlName],[pattern][formControl],[pattern][ngModel]',\n providers:
[PATTERN_VALIDATOR],\n host: {[attr.pattern]: 'pattern ? pattern : null'}\n}))\nexport class PatternValidator
implements Validator,\n OnChanges {\n // TODO(issue/24571): remove '!.\n private _validator!: ValidatorFn;\n
// TODO(issue/24571): remove '!.\n private _onChange!: () => void;\n // **\n * @description\n * Tracks
changes to the pattern bound to this directive.\n * ^\n // TODO(issue/24571): remove '!.\n @Input() pattern!:
string | RegExp;\n // **\n * @description\n * A lifecycle method called when the directive's inputs change. For
internal use\n * only.\n * ^\n * @param changes A object of key/value pairs for the set of changed inputs.\n * ^\n
ngOnChanges(changes: SimpleChanges): void {\n if ('pattern' in changes) {\n this._createValidator();\n if
(this._onChange) this._onChange();\n }\n }\n // **\n * @description\n * Method that validates whether the
value matches the\n * the pattern requirement.\n * ^\n validate(control: AbstractControl): ValidationErrors|null {\
return this._validator(control); }\n // **\n * @description\n * Registers a callback function to call when the
validator inputs change.\n * ^\n * @param fn The callback function\n * ^\n registerOnValidatorChange(fn: () =>
void): void { this._onChange = fn; }\n private _createValidator(): void { this._validator =
Validators.pattern(this.pattern); }\n }\n","/**\n * @license\n * Copyright Google Inc. All Rights Reserved.\n * ^\n *
Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n * ^\n\nimport {NgModule, Type} from '@angular/core';\nimport
{CheckboxControlValueAccessor} from './directives/checkbox_value_accessor';\nimport {DefaultValueAccessor}
from './directives/default_value_accessor';\nimport {NgControlStatus, NgControlStatusGroup} from
 './directives/ng_control_status';\nimport {NgForm} from './directives/ng_form';\nimport {NgModel} from
 './directives/ng_model';\nimport {NgModelGroup} from './directives/ng_model_group';\nimport {NgNoValidate}
from './directives/ng_no_validate_directive';\nimport {NumberValueAccessor} from
 './directives/number_value_accessor';\nimport {RadioControlValueAccessor} from
 './directives/radio_control_value_accessor';\nimport {RangeValueAccessor} from
 './directives/range_value_accessor';\nimport {FormControlDirective} from
 './directives/reactive_directives/form_control_directive';\nimport {FormControlName} from
 './directives/reactive_directives/form_control_name';\nimport {FormGroupDirective} from
 './directives/reactive_directives/form_group_directive';\nimport {FormArrayName, FormGroupName} from
 './directives/reactive_directives/form_group_name';\nimport {NgSelectOption, SelectControlValueAccessor} from
 './directives/select_control_value_accessor';\nimport {NgSelectMultipleOption,
SelectMultipleControlValueAccessor} from './directives/select_multiple_control_value_accessor';\nimport
{CheckboxRequiredValidator, EmailValidator, MaxLengthValidator, MinLengthValidator, PatternValidator,
RequiredValidator} from './directives/validators';\nexport {CheckboxControlValueAccessor} from
 './directives/checkbox_value_accessor';\nexport {ControlValueAccessor} from
 './directives/control_value_accessor';\nexport {DefaultValueAccessor} from
 './directives/default_value_accessor';\nexport {NgControl} from './directives/ng_control';\nexport {NgControlStatus,
NgControlStatusGroup} from './directives/ng_control_status';\nexport {NgForm} from
 './directives/ng_form';\nexport {NgModel} from './directives/ng_model';\nexport {NgModelGroup} from
 './directives/ng_model_group';\nexport {NumberValueAccessor} from './directives/number_value_accessor';\nexport
{RadioControlValueAccessor} from './directives/radio_control_value_accessor';\nexport {RangeValueAccessor}
from './directives/range_value_accessor';\nexport {FormControlDirective,
NG_MODEL_WITH_FORM_CONTROL_WARNING} from
 './directives/reactive_directives/form_control_directive';\nexport {FormControlName} from
 './directives/reactive_directives/form_control_name';\nexport {FormGroupDirective} from
 './directives/reactive_directives/form_group_directive';\nexport {FormArrayName, FormGroupName} from
 './directives/reactive_directives/form_group_name';\nexport {NgSelectOption, SelectControlValueAccessor} from
 './directives/select_control_value_accessor';\nexport {NgSelectMultipleOption,

```

```

SelectMultipleControlValueAccessor} from './directives/select_multiple_control_value_accessor';\n\nexport const
SHARED_FORM_DIRECTIVES: Type<any>[] = [\n NgNoValidate,\n NgSelectOption,\n
NgSelectMultipleOption,\n DefaultValueAccessor,\n NumberValueAccessor,\n RangeValueAccessor,\n
CheckboxControlValueAccessor,\n SelectControlValueAccessor,\n SelectMultipleControlValueAccessor,\n
RadioControlValueAccessor,\n NgControlStatus,\n NgControlStatusGroup,\n RequiredValidator,\n
MinLengthValidator,\n MaxLengthValidator,\n PatternValidator,\n CheckboxRequiredValidator,\n
EmailValidator,\n];\n\nexport const TEMPLATE_DRIVEN_DIRECTIVES: Type<any>[] = [NgModel,
NgModelGroup, NgForm];\n\nexport const REACTIVE_DRIVEN_DIRECTIVES: Type<any>[] =\n
[FormControlDirective, FormGroupDirective, FormControlName, FormGroupName, FormArrayName];\n\n/**\n *
Internal module used for sharing directives between FormsModule and ReactiveFormsModule\n
*/\n\n@NgModule({\n declarations: SHARED_FORM_DIRECTIVES,\n exports:
SHARED_FORM_DIRECTIVES,\n})\nexport class InternalFormsSharedModule {\n}\n\nexport
{InternalFormsSharedModule as InternalFormsSharedModule};\n", "/*\n * @license\n * Copyright Google Inc.
All Rights Reserved.\n * Use of this source code is governed by an MIT-style license that can be\n * found in
the LICENSE file at https://angular.io/license\n */\n\nimport {Injectable} from '@angular/core';\n\nimport
{AsyncValidatorFn, ValidatorFn} from './directives/validators';\n\nimport {AbstractControl, AbstractControlOptions,
FormArray, FormControl, FormGroup, FormHooks} from './model';\n\nfunction isAbstractControlOptions(options:
AbstractControlOptions | {[key: string]: any}):\n options is AbstractControlOptions {\n return
(<AbstractControlOptions>options).asyncValidators !== undefined ||\n
(<AbstractControlOptions>options).validators !== undefined ||\n
(<AbstractControlOptions>options).updateOn
!== undefined;\n}\n\n/**\n * @description\n * Creates an `AbstractControl` from a user-specified configuration.\n
*\n * The `FormBuilder` provides syntactic sugar that shortens creating instances of a `FormControl`,\n *
`FormGroup`, or `FormArray`. It reduces the amount of boilerplate needed to build complex\n * forms.\n *\n *
@see [Reactive Forms Guide](/guide/reactive-forms)\n *\n * @publicApi\n */\n\n@Injectable()\nexport class
FormBuilder {\n /**\n * @description\n * Construct a new `FormGroup` instance.\n * @param
controlsConfig A collection of child controls. The key for each child is the name\n * under which it is registered.\n
*\n * @param options Configuration options object for the `FormGroup`. The object can\n * have two shapes:\n
*\n * 1) `AbstractControlOptions` object (preferred), which consists of:\n * * `validators`: A synchronous
validator function, or an array of validator functions\n * * `asyncValidators`: A single async validator or array of
async validator functions\n * * `updateOn`: The event upon which the control should be updated (options: 'change'
| 'blur' | \n * submit')\n * 2) Legacy configuration object, which consists of:\n * * `validator`: A synchronous
validator function, or an array of validator functions\n * * `asyncValidator`: A single async validator or array of
async validator functions\n *\n * \n * group(\n * controlsConfig: {[key: string]: any},\n * options:
AbstractControlOptions|[key: string]: any|null = null): FormGroup {\n * const controls =
this._reduceControls(controlsConfig);\n * let validators: ValidatorFn|ValidatorFn[]|null = null;\n * let
asyncValidators: AsyncValidatorFn|AsyncValidatorFn[]|null = null;\n * let updateOn: FormHooks|undefined =
undefined;\n * if (options != null) {\n * if (isAbstractControlOptions(options)) {\n * // `options` are
`AbstractControlOptions`\n * validators = options.validators != null ? options.validators : null;\n *
asyncValidators = options.asyncValidators != null ? options.asyncValidators : null;\n * updateOn =
options.updateOn != null ? options.updateOn : undefined;\n * } else {\n * // `options` are legacy form group
options\n * validators = options['validator'] != null ? options['validator'] : null;\n * asyncValidators =
options['asyncValidator'] != null ? options['asyncValidator'] : null;\n * }\n * }\n * return new
FormGroup(controls, {asyncValidators, updateOn, validators});\n * }\n * \n * @description\n * Construct a
new `FormControl` with the given state, validators and options.\n * @param formState Initializes the control
with an initial state value, or\n * with an object that contains both a value and a disabled status.\n * @param
validatorOrOpts A synchronous validator function, or an array of\n * such functions, or an
`AbstractControlOptions` object that contains\n * validation functions and a validation trigger.\n * @param
asyncValidator A single async validator or array of async validator\n * functions.\n * @usageNotes\n */

```



```

* ### Initialize a control as disabled
* The following example returns a control with an initial value in a
disabled state.
<code-example path="forms/ts/formBuilder/form_builder_example.ts" region="disabled-control">
</code-example>
control(formState: any, validatorOrOpts?:
ValidatorFn|ValidatorFn[]|AbstractControlOptions|null, asyncValidator?:
AsyncValidatorFn|AsyncValidatorFn[]|null): FormControl {
 return new FormControl(formState,
 validatorOrOpts, asyncValidator);
}
/**
 * Constructs a new `FormArray` from the given array of
configurations,
 * validators and options.
 * @param controlsConfig An array of child controls or control
configs. Each
 * child control is given an index when it is registered.
 * @param validatorOrOpts A
synchronous validator function, or an array of
 * such functions, or an `AbstractControlOptions` object that
contains
 * validation functions and a validation trigger.
 * @param asyncValidator A single async
validator or array of async validator
 * functions.
 */
array(controlsConfig: any[],
validatorOrOpts?: ValidatorFn|ValidatorFn[]|AbstractControlOptions|null,
asyncValidator?:
AsyncValidatorFn|AsyncValidatorFn[]|null): FormArray {
 const controls = controlsConfig.map(c =>
 this._createControl(c));
 return new FormArray(controls, validatorOrOpts, asyncValidator);
}
/**
 * @internal
 */
_reduceControls(controlsConfig: {[k: string]: any}): {[key: string]: AbstractControl} {
 const
controls: {[key: string]: AbstractControl} = {};
 Object.keys(controlsConfig).forEach(controlName => {
 controls[controlName] = this._createControl(controlsConfig[controlName]);
 });
 return controls;
}
/**
 * @internal
 */
_createControl(controlConfig: any): AbstractControl {
 if (controlConfig instanceof FormControl
 || controlConfig instanceof FormGroup
 || controlConfig instanceof FormArray) {
 return
controlConfig;
 } else if (Array.isArray(controlConfig)) {
 const value = controlConfig[0];
 const
validator: ValidatorFn = controlConfig.length > 1 ? controlConfig[1] : null;
 const asyncValidator:
AsyncValidatorFn = controlConfig.length > 2 ? controlConfig[2] : null;
 return this.control(value, validator,
 asyncValidator);
 } else {
 return this.control(controlConfig);
 }
}
}
/**
 * @license
 * Copyright Google Inc. All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that
can be
 * found in the LICENSE file at https://angular.io/license
 */
@module
 @description
Entry point for all public APIs of the common package.
 */
@import {Version} from '@angular/core';
/**
 * @publicApi
 */
export const VERSION = new Version('9.0.7');
/**
 * @license
 * Copyright Google Inc.
All Rights Reserved.
 * Use of this source code is governed by an MIT-style license that can be
 * found in the LICENSE file at https://angular.io/license
 */
@import {ModuleWithProviders, NgModule} from
 '@angular/core';
@import {InternalFormsSharedModule, NG_MODEL_WITH_FORM_CONTROL_WARNING,
REACTIVE_DRIVEN_DIRECTIVES, TEMPLATE_DRIVEN_DIRECTIVES} from './directives';
@import
{RadioControlRegistry} from './directives/radio_control_value_accessor';
@import {FormBuilder} from
 './form_builder';
/**
 * Exports the required providers and directives for template-driven forms,
 * making
them available for import by NgModules that import this module.
 * @see [Forms Guide](/guide/forms)
 */
@publicApi
 @NgModule({
 declarations: TEMPLATE_DRIVEN_DIRECTIVES,
 providers:
[RadioControlRegistry],
 exports: [InternalFormsSharedModule,
TEMPLATE_DRIVEN_DIRECTIVES]
})
export class FormsModule {
}
/**
 * Exports the required
infrastructure and directives for reactive forms,
 * making them available for import by NgModules that import this
module.
 * @see [Forms](guide/reactive-forms)
 * @see [Reactive Forms Guide](/guide/reactive-forms)
 */
@publicApi
 @NgModule({
 declarations: [REACTIVE_DRIVEN_DIRECTIVES],
 providers:
[FormBuilder, RadioControlRegistry],
 exports: [InternalFormsSharedModule,
REACTIVE_DRIVEN_DIRECTIVES]
})
export class ReactiveFormsModule {
}
/**
 * @description
 * Provides options for configuring the reactive forms module.
 * @param opts An object of configuration
options
 * * `warnOnNgModelWithFormControl` Configures when to emit a warning when an `ngModel`
 * binding is used with reactive form directives.
 * @static withConfig(opts: {
 * /** @deprecated as of v6 */
warnOnNgModelWithFormControl: 'never' | 'once' | 'always'
}): ModuleWithProviders<ReactiveFormsModule>
 */
return {
 ngModule: ReactiveFormsModule,
 providers: [
 provide:
NG_MODEL_WITH_FORM_CONTROL_WARNING,
 useValue: opts.warnOnNgModelWithFormControl
]
}
}

```

```

 }]\n };\n }\n}\n", "/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source
code is governed by an MIT-style license that can be\n * found in the LICENSE file at https://angular.io/license\n
\n\n/\n * @module\n * @description\n * This module is used for handling user input, by defining and building a
`FormGroup` that\n * consists of `FormControl` objects, and mapping them onto the DOM. `FormControl`\n *
objects can then be used to read information from the form DOM elements.\n *\n * Forms providers are not included
in default providers; you must import these providers\n * explicitly.\n *\n\n\nexport
{ÉµInternalFormsSharedModule} from './directives';\nexport {AbstractControlDirective} from
 './directives/abstract_control_directive';\nexport {AbstractFormGroupDirective} from
 './directives/abstract_form_group_directive';\nexport {CheckboxControlValueAccessor} from
 './directives/checkbox_value_accessor';\nexport {ControlContainer} from './directives/control_container';\nexport
{ControlValueAccessor, NG_VALUE_ACCESSOR} from './directives/control_value_accessor';\nexport
{COMPOSITION_BUFFER_MODE, DefaultValueAccessor} from './directives/default_value_accessor';\nexport
{Form} from './directives/form_interface';\nexport {NgControl} from './directives/ng_control';\nexport
{NgControlStatus, NgControlStatusGroup} from './directives/ng_control_status';\nexport {NgForm} from
 './directives/ng_form';\nexport {NgModel} from './directives/ng_model';\nexport {NgModelGroup} from
 './directives/ng_model_group';\nexport {ÉµNgNoValidate} from './directives/ng_no_validate_directive';\nexport
{NumberValueAccessor} from './directives/number_value_accessor';\nexport {RadioControlValueAccessor} from
 './directives/radio_control_value_accessor';\nexport {RangeValueAccessor} from
 './directives/range_value_accessor';\nexport {FormControlDirective} from
 './directives/reactive_directives/form_control_directive';\nexport {FormControlName} from
 './directives/reactive_directives/form_control_name';\nexport {FormGroupDirective} from
 './directives/reactive_directives/form_group_directive';\nexport {FormArrayName} from
 './directives/reactive_directives/form_group_name';\nexport {FormGroupName} from
 './directives/reactive_directives/form_group_name';\nexport {NgSelectOption, SelectControlValueAccessor} from
 './directives/select_control_value_accessor';\nexport {SelectMultipleControlValueAccessor} from
 './directives/select_multiple_control_value_accessor';\nexport {ÉµNgSelectMultipleOption} from
 './directives/select_multiple_control_value_accessor';\nexport {AsyncValidator, AsyncValidatorFn,
CheckboxRequiredValidator, EmailValidator, MaxLengthValidator, MinLengthValidator, PatternValidator,
RequiredValidator, ValidationErrors, Validator, ValidatorFn} from './directives/validators';\nexport {FormBuilder}
from './form_builder';\nexport {AbstractControl, AbstractControlOptions, FormArray, FormControl, FormGroup}
from './model';\nexport {NG_ASYNC_VALIDATORS, NG_VALIDATORS, Validators} from
 './validators';\nexport {VERSION} from './version';\n\n\nexport * from './form_providers';\n", "/*\n * @license\n *
Copyright Google Inc. All Rights Reserved.\n *\n * Use of this source code is governed by an MIT-style license that
can be\n * found in the LICENSE file at https://angular.io/license\n *\n\n\n/*\n * @module\n * @description\n *
Entry point for all public APIs of this package.\n *\n\nexport * from './src/forms';\n\n\n// This file only reexports
content of the `src` folder. Keep it that way.\n", "/*\n * @license\n * Copyright Google Inc. All Rights Reserved.\n
*\n * Use of this source code is governed by an MIT-style license that can be\n * found in the LICENSE file at
https://angular.io/license\n *\n\n\n// This file is not used to build this module. It is only used during editing\n// by the
TypeScript language service and during build for verification. `ngc`\n// replaces this file with production index.ts
when it rewrites private symbol\n// names.\n\n\nexport * from './public_api';\n", "/*\n * Generated bundle index. Do
not edit.\n *\n\n\nexport * from './index';\n\n\nexport {InternalFormsSharedModule as
Éµangular_packages_forms_forms_d, REACTIVE_DRIVEN_DIRECTIVES as
Éµangular_packages_forms_forms_c, SHARED_FORM_DIRECTIVES as
Éµangular_packages_forms_forms_a, TEMPLATE_DRIVEN_DIRECTIVES as
Éµangular_packages_forms_forms_b} from './src/directives';\nexport {CHECKBOX_VALUE_ACCESSOR as
Éµangular_packages_forms_forms_e} from './src/directives/checkbox_value_accessor';\nexport
{DEFAULT_VALUE_ACCESSOR as Éµangular_packages_forms_forms_f} from
 './src/directives/default_value_accessor';\nexport {AbstractControlStatus as

```

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'./src/directives/ng_model';\nextport {modelGroupProvider as Éµangular_packages_forms_forms_k} from
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Éµangular_packages_forms_forms_l} from './src/directives/number_value_accessor';\nextport
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Éµangular_packages_forms_forms_n} from './src/directives/radio_control_value_accessor';\nextport
{RANGE_VALUE_ACCESSOR as Éµangular_packages_forms_forms_o} from
'./src/directives/range_value_accessor';\nextport {NG_MODEL_WITH_FORM_CONTROL_WARNING as
Éµangular_packages_forms_forms_p,formControlBinding as Éµangular_packages_forms_forms_q} from
'./src/directives/reactive_directives/form_control_directive';\nextport {controlNameBinding as
Éµangular_packages_forms_forms_r} from './src/directives/reactive_directives/form_control_name';\nextport
{formDirectiveProvider as Éµangular_packages_forms_forms_s} from
'./src/directives/reactive_directives/form_group_directive';\nextport {formArrayNameProvider as
Éµangular_packages_forms_forms_u,formGroupNameProvider as Éµangular_packages_forms_forms_t} from
'./src/directives/reactive_directives/form_group_name';\nextport {SELECT_VALUE_ACCESSOR as
Éµangular_packages_forms_forms_v} from './src/directives/select_control_value_accessor';\nextport
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Éµangular_packages_forms_forms_w} from './src/directives/select_multiple_control_value_accessor';\nextport
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Éµangular_packages_forms_forms_bb,MAX_LENGTH_VALIDATOR as
Éµangular_packages_forms_forms_bd,MIN_LENGTH_VALIDATOR as
Éµangular_packages_forms_forms_bc,PATTERN_VALIDATOR as
Éµangular_packages_forms_forms_be,REQUIRED_VALIDATOR as Éµangular_packages_forms_forms_z} from
'./src/directives/validators';], "names":["InjectionToken", "forwardRef", "Directive", "Renderer2", "ElementRef", "getD
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AQ,CAAC;SACjB;;QAGD,oCAAc,GAAd,UAAe,aAAkB;YAC/B,IAAI,aAAa,YAAy,WAAW,IAAI,aAAa,YAAy,
SAAS;gBACIE,aAAa,YAAy,SAAS,EAAE;gBACTc,OAAO,aAAa,CAAC;aAEtB;iBAAM,IAAI,KAAL,CAAC,O
AAO,CAAC,aAAa,CAAC,EAAE;gBACvC,IAAM,KAAL,GAAG,aAAa,CAAC,CAAC,CAAC,CAAC;gBAC/B,IA
AM,SAAS,GAAGb,aAAa,CAAC,MAAM,GAAG,CAAC,GAAG,aAAa,CAAC,CAAC,CAAC,GAAG,IAAI,CAAC
;gBACIF,IAAM,cAAc,GAaqB,aAAa,CAAC,MAAM,GAAG,CAAC,GAAG,aAAa,CAAC,CAAC,CAAC,GAAG,I
AAI,CAAC;gBAC5F,OAAO,IAAI,CAAC,OAAO,CAAC,KAAL,EAAE,SAAS,EAAE,cAAc,CAAC,CAAC;aAEv
D;iBAAM;gBACL,OAAO,IAAI,CAAC,OAAO,CAAC,aAAa,CAAC,CAAC;aACpC;SACf;QA1HU,WAAW;YA
DvBjB,eAAU,EAAE;WACA,WAAW,CA2HvB;QAAD,kBAAC;KA3HD;;ICjCA;;;;;;;;;AAQA,IAQA;;AAGA,QA
Aa,OAAO,GAAG,IAAIkB,YAAO,CAAC,mBAAmB,CAAC;;ICnBvD;;;;;;;;;IAcA;;;;;;;;;AAaA;QAAA;SACC;QAD
Y,WAAW;YALvBD,aAAQ,CAAC;gBACR,YAAy,EAAE,0BAA0B;gBACxC,SAAS,EAAE,CAAC,oBAAoB,CA
AC;gBACjC,OAAO,EAAE,CAACE,0BAAyB,EAAE,0BAA0B,CAAC;aACjE,CAAC;WACW,WAAW,CACvB;Q
AAD,kBAAC;KADD,IACC;IAED;;;;;;;;;AAcA;QAAA;SAoBC;gCpBY,mBAAmB;;;;;;;;;QASvB,8BAAU,GAAj
B,UAAkB,IAEjB;YACC,OAAO;gBACL,QAAQ,EAAE,qBAAmB;gBAC7B,SAAS,EAAE,CAAC;wBACV,OAAO
,EAAE,kCAAkC;wBAC3C,QAAQ,EAAE,IAAI,CAAC,4BAA4B;qBAC5C,CAAC;aACH,CAAC;SACH;;QAnBU,
mBAAmB;YAL/BF,aAAQ,CAAC;gBACR,YAAy,EAAE,CAAC,0BAA0B,CAAC;gBAC1C,SAAS,EAAE,CAAC,
WAAW,EAAE,oBAAoB,CAAC;gBAC9C,OAAO,EAAE,CAACE,0BAAyB,EAAE,0BAA0B,CAAC;aACjE,CAA
C;WACW,mBAAmB,CAoB/B;QAAD,0BAAC;KApBD;;IC5CA;;;;;;;;;OAMG;;ICNH;;;;;;;;;AAQA,IAOA,0EAA0E;;I
CfIE;;;;;;;;;OAMG;;ICNH;;OAEg;;;;;;;;;;;;;" }
```

Found in path(s):

```
* /opt/cola/permits/1099647491_1602536489.34/0/forms-9-0-7-2-tgz/package/bundles/forms.umd.js.map
```

## 1.610 spring-cloud-function-context

### 3.0.8.RELEASE

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```
* /opt/cola/permits/1096695365_1601878496.99/0/spring-cloud-function-context-3-0-8-release-jar/META-
INF/maven/org.springframework.cloud/spring-cloud-function-context/pom.xml
```

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\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/TypeAdapterFactory.java  
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- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonPrimitive.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/ExclusionStrategy.java
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- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonArray.java
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- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonObject.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonSerializer.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/ObjectConstructor.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonNull.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonDeserializationContext.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonElement.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/GsonBuilder.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/FieldNamingPolicy.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/FieldNamingStrategy.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/DefaultDateTypeAdapter.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/annotations/Until.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/annotations/SerializedName.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/annotations/Expose.java
- \* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/InstanceCreator.java

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* /opt/cola/permits/1108597571_1606176527.27/0/gson-2-8-6-sources-1-
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jar/com/google/gson/stream/JsonWriter.java  
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jar/com/google/gson/stream/JsonScope.java  
\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-  
jar/com/google/gson/stream/MalformedJsonException.java  
\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-  
jar/com/google/gson/stream/JsonReader.java

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\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-  
jar/com/google/gson/internal/bind/SqlDateTypeAdapter.java

\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/ConstructorConstructor.java  
\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/bind/TimeTypeAdapter.java  
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\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/internal/UnsafeAllocator.java  
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\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/FieldAttributes.java

\* /opt/cola/permits/1108597571\_1606176527.27/0/gson-2-8-6-sources-1-jar/com/google/gson/JsonParser.java

## 1.613 react-dom 16.11.0

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```

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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

Files: \*

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# 1.616 isomorphic-fetch 2.2.1

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isomorphic-fetch [![Build Status](<https://travis-ci.org/matthew-andrews/isomorphic-fetch.svg?branch=master>)](<https://travis-ci.org/matthew-andrews/isomorphic-fetch>)

=====

Fetch for node and Browserify. Built on top of [GitHub's WHATWG Fetch polyfill](<https://github.com/github/fetch>).

## Warnings

- This adds `fetch` as a global so that its API is consistent between client and server.
- You must bring your own ES6 Promise compatible polyfill, I suggest [es6-promise](<https://github.com/jakearchibald/es6-promise>).

For [ease-of-maintenance and backward-compatibility reasons][why polyfill], this library will always be a polyfill.

As a "safe" alternative, which does not modify the global, consider `[fetch-ponyfill][]`.

[why polyfill]: <https://github.com/matthew-andrews/isomorphic-fetch/issues/31#issuecomment-149668361>

[fetch-ponyfill]: <https://github.com/qubyte/fetch-ponyfill>

## ## Installation

### ### NPM

```
```sh
npm install --save isomorphic-fetch es6-promise
```
```

### ### Bower

```
```sh
bower install --save isomorphic-fetch es6-promise
```
```

## ## Usage

```
```js
require('es6-promise').polyfill();
require('isomorphic-fetch');

fetch('//offline-news-api.herokuapp.com/stories')
  .then(function(response) {
    if (response.status >= 400) {
      throw new Error("Bad response from server");
    }
    return response.json();
  })
  .then(function(stories) {
    console.log(stories);
  });
```
```

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All open source code released by FT Labs is licenced under the MIT licence. Based on [the fine work by](<https://github.com/github/fetch/pull/31>) [\\*\\*\[jxck\]\(https://github.com/Jxck\)\\*\\*](https://github.com/Jxck).

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\* /opt/cola/permits/1110639708\_1606855463.93/0/fis-components-isomorphic-fetch-2-2-1-0-g4801b9c-1-tar-gz/fis-components-isomorphic-fetch-9599403/README.md

# 1.617 txw2 2.3.0

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\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/Maps.java

\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/CodeGenGenericTypeNamingStrategy.java

\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/Collections.java

\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/property/PojoPropertyBuilderFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/DefaultTypeNameProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/property/BeanPropertyDefinitions.java  
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\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/configuration/ObjectMapperConfigured.java  
\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/ModelSpecificationProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/property/bean/ParameterModelProperty.java  
\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/property/ModelProperty.java  
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\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/configuration/ModelsConfiguration.java  
\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/property/ModelPropertyProvider.java

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\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/property/bean/Accessors.java  
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\* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/property/ObjectMapperBeanPropertyNamingStrategy.java  
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- \* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/plugins/XMLModelPlugin.java
- \* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/plugins/PropertyDiscriminatorBasedInheritancePlugin.java
- \* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/property/XMLPropertyPlugin.java
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- \* /opt/ws\_local/PERMITS\_SQL/1082518454\_1597956193.64/0/springfox-schema-3-0-0-sources-jar/springfox/documentation/schema/plugins/JsonIgnorePropertiesModelPlugin.java
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi\_err\_generic.et  
lib/gssapi/mechglue/g\_accept\_sec\_context.c  
lib/gssapi/mechglue/g\_acquire\_cred.c  
lib/gssapi/mechglue/g\_canon\_name.c  
lib/gssapi/mechglue/g\_compare\_name.c  
lib/gssapi/mechglue/g\_context\_time.c  
lib/gssapi/mechglue/g\_delete\_sec\_context.c  
lib/gssapi/mechglue/g\_dsp\_name.c  
lib/gssapi/mechglue/g\_dsp\_status.c  
lib/gssapi/mechglue/g\_dup\_name.c

lib/gssapi/mechglue/g\_exp\_sec\_context.c  
lib/gssapi/mechglue/g\_export\_name.c  
lib/gssapi/mechglue/g\_glue.c  
lib/gssapi/mechglue/g\_imp\_name.c  
lib/gssapi/mechglue/g\_imp\_sec\_context.c  
lib/gssapi/mechglue/g\_init\_sec\_context.c  
lib/gssapi/mechglue/g\_initialize.c  
lib/gssapi/mechglue/g\_inquire\_context.c  
lib/gssapi/mechglue/g\_inquire\_cred.c  
lib/gssapi/mechglue/g\_inquire\_names.c  
lib/gssapi/mechglue/g\_process\_context.c  
lib/gssapi/mechglue/g\_rel\_buffer.c  
lib/gssapi/mechglue/g\_rel\_cred.c  
lib/gssapi/mechglue/g\_rel\_name.c  
lib/gssapi/mechglue/g\_rel\_oid\_set.c  
lib/gssapi/mechglue/g\_seal.c  
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lib/gssapi/mechglue/g\_unseal.c  
lib/gssapi/mechglue/g\_userok.c  
lib/gssapi/mechglue/g\_utils.c  
lib/gssapi/mechglue/g\_verify.c  
lib/gssapi/mechglue/gssd\_pname\_to\_uid.c  
lib/gssapi/mechglue/mglueP.h  
lib/gssapi/mechglue/oid\_ops.c  
lib/gssapi/spnego/gssapiP\_spnego.h  
lib/gssapi/spnego/spnego\_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop\_hdr.h  
kadmin/server/ipropd\_svc.c  
lib/kdb/iprop.x  
lib/kdb/kdb\_convert.c  
lib/kdb/kdb\_log.c  
lib/kdb/kdb\_log.h  
lib/krb5/error\_tables/kdb5\_err.et  
kprop/kpropd\_rpc.c  
kprop/kproplog.c

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The following artifacts are EPL.

\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api

\* javax.annotation:javax.annotation-api

\* javax.transaction:javax.transaction-api

\* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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## OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons

org.ow2.asm:asm

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## Apache

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org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

-----

## MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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Found in path(s):

```
* /opt/cola/permits/1135840663_1613613063.73/0/reactive-streams-1-0-3-sources-3-
jar/org/reactivestreams/Publisher.java
* /opt/cola/permits/1135840663_1613613063.73/0/reactive-streams-1-0-3-sources-3-
jar/org/reactivestreams/FlowAdapters.java
* /opt/cola/permits/1135840663_1613613063.73/0/reactive-streams-1-0-3-sources-3-
jar/org/reactivestreams/Processor.java
* /opt/cola/permits/1135840663_1613613063.73/0/reactive-streams-1-0-3-sources-3-
jar/org/reactivestreams/Subscription.java
* /opt/cola/permits/1135840663_1613613063.73/0/reactive-streams-1-0-3-sources-3-
jar/org/reactivestreams/Subscriber.java
```

## 1.623 brave-instrumentation-spring-web

### 5.12.3

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Eclipse

The following artifacts are EPL.  
\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.  
\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.  
\* org.eclipse.jetty.orbit:javax.mail.glassfish

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## Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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## Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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## OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

- org.ow2.asm:asm-commons
- org.ow2.asm:asm

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## Apache

The following artifacts are ASL2 licensed.

- org.apache.taglibs:taglibs-standard-spec
- org.apache.taglibs:taglibs-standard-impl

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## MortBay

The following artifacts are ASL2 licensed. Based on selected classes from

following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.  
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# 1.627 spring-messaging 5.2.7.RELEASE

## 1.627.1 Available under license :

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- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/converter/MarshallingMessageConverter.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/invoke/AbstractMethodMessageHandler.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/invoke/reactive/AbstractEncoderMethodReturnValueHandler.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/rsocket/PayloadUtils.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/ReactiveMessageHandler.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/CompositeMessageCondition.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/broker/DefaultSubscriptionRegistry.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/core/GenericMessagingTemplate.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/annotation/support/SimpAnnotationMethodMessageHandler.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/annotation/reactive/AbstractNamedValueMethodArgumentResolver.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/rsocket/annotation/support/RSocketRequesterMethodArgumentResolver.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/annotation/reactive/PayloadMethodArgumentResolver.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/HandlerMethod.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/stomp/StompHeaderAccessor.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/annotation/reactive/MessageMappingMessageHandler.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/user/DefaultUserDestinationResolver.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/rsocket/MetadataExtractorRegistry.java
- \* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/SimpMessageHeaderAccessor.java

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\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/annotation/reactive/DestinationVariableMethodArgumentResolver.java

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\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/annotation/reactive/HeadersMethodArgumentResolver.java

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jar/org/springframework/messaging/handler/annotation/support/AbstractNamedValueMethodArgumentResolver.java

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\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/simp/stomp/ConnectionHandlingStompSession.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/handler/invocation/HandlerMethodArgumentResolver.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/tcp/TcpOperations.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/tcp/TcpConnectionHandler.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/simp/annotation/SubscribeMapping.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/handler/invocation/ListenableFutureReturnValueHandler.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/handler/annotation/Payload.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/simp/user/DestinationUserNameProvider.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/handler/MessageCondition.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/simp/stomp/StompFrameHandler.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/simp/stomp/StompSessionHandlerAdapter.java  
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jar/org/springframework/messaging/simp/stomp/StompEncoder.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/rsocket/annotation/support/MessagingRSocket.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/rsocket/DefaultRSocketRequesterBuilder.java

\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/rsocket/MetadataEncoder.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/tcp/reactor/ReactorNettyTcpClient.java  
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\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/converter/ProtobufMessageConverter.java  
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\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/simp/stomp/StompDecoder.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/rsocket/RSocketStrategies.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/support/AbstractMessageChannel.java  
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\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/handler/invoke/reactive/AbstractMethodMessageHandler.java  
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\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/rsocket/annotation/support/RSocketMessageHandler.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-jar/org/springframework/messaging/converter/ProtobufJsonFormatMessageConverter.java  
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jar/org/springframework/messaging/MessageHandlingException.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/converter/SimpleMessageConverter.java  
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jar/org/springframework/messaging/handler/annotation/support/MessageHandlerMethodFactory.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/support/MessageHandlingRunnable.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/support/HeaderMapper.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/support/MessageHeaderInitializer.java  
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jar/org/springframework/messaging/handler/annotation/SendTo.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/simp/user/SimpUserRegistry.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/converter/CompositeMessageConverter.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/support/AbstractSubscribableChannel.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/simp/user/UserDestinationResolver.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/simp/stomp/StompCommand.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
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\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/simp/user/SimpSubscriptionMatcher.java  
\* /opt/cola/permits/1138169219\_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-  
jar/org/springframework/messaging/simp/stomp/StompReactorNettyCodec.java

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* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-
jar/org/springframework/messaging/simp/stomp/ConnectionLostException.java
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```
*/
```

```
/**
```

```
* Set the max pool size of the ThreadPoolExecutor.
```

```
* NOTE: When an unbounded
```

```
* { @link #queueCapacity\(int\) queueCapacity } is configured (the default), the
```

```
* max pool size is effectively ignored. See the "Unbounded queues" strategy
```

```
* in { @link java.util.concurrent.ThreadPoolExecutor ThreadPoolExecutor } for
```

```
* more details.
```

```
* By default this is set to { @code Integer.MAX_VALUE }.
```

```
*/
```

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```
* /opt/cola/permits/1138169219_1614268310.15/0/spring-messaging-5-2-7-release-sources-1-
jar/org/springframework/messaging/simp/config/TaskExecutorRegistration.java
```

## 1.628 jackson-databind 2.9.7

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.



It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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# 1.630 javax-websocket-server-impl

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\* org.eclipse.jetty.orbit;javax.mail.glassfish

-----  
Oracle

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

-----

#### Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

-----

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- org.ow2.asm:asm-commons
- org.ow2.asm:asm

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- org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

-----

Assorted

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Upstream-Name: perl

Source: <http://www.perl.com/CPAN/src/5.0/>

Comment:

This package was debianized by Brendan O'Dea <bod@debian.org> on

Thu, 17 Aug 2000 16:10:54 +1000.

.

Upstream Authors:

.

Larry Wall et. al. (see /usr/share/doc/perl/AUTHORS).

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Files:

cpan/bignum/\*

cpan/Tie-RefHash/\*

cpan/Win32API-File/\*

dist/ExtUtils-Install/\*

dist/Math-BigInt/\*

dist/Math-BigInt-FastCalc/\*

dist/Math-BigRat/\*

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Files:

dist/autouse/\*

dist/base/\*

dist/constant/\*

dist/Devel-SelfStubber/\*

dist/Dumpvalue/\*

dist/Env/\*

dist/ExtUtils-Command/\*

dist/ExtUtils-Manifest/\*

dist/I18N-Collate/\*

dist/Safe/\*

ext/Fcntl/\*

ext/FileCache/\*

ext/GDBM\_File/\*

ext/IPC-Open2/\*

ext/IPC-Open3/\*

ext/NDBM\_File/\*

ext/ODBM\_File/\*

ext/Opcode/\*

ext/PerlIO-encoding/\*

ext/PerlIO-scalar/\*

ext/PerlIO-via/\*

ext/POSIX/\*

ext/re/\*

ext/Socket/\*

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but, as discussed in

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# 1.639 hibernate-validator 6.1.5.Final

## 1.639.1 Available under license :

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```
/*
 * Hibernate Validator, declare and validate application constraints
 *
 * License: Apache License, Version 2.0
 * See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.
 */
/**
 * Retrieves constraint related meta data for the parameters of the given
 * executable.
 *
 * @param javaBeanExecutable The executable of interest.
 *
 * @return A list with parameter meta data for the given executable.
 */
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java
```

No license file was found, but licenses were detected in source scan.

```
~ Hibernate Validator, declare and validate application constraints
~
~ License: Apache License, Version 2.0
~ See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/META-INF/validation-mapping-1.0.xsd
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/META-INF/maven/org.hibernate.validator/hibernate-validator/pom.xml
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/META-INF/validation-configuration-1.1.xsd
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/META-INF/validation-configuration-1.0.xsd
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/overview.html
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/META-INF/validation-mapping-1.1.xsd
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/META-INF/validation-mapping-2.0.xsd
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/META-INF/validation-configuration-2.0.xsd
```

No license file was found, but licenses were detected in source scan.

```
/*
```

\* Hibernate Validator, declare and validate application constraints  
\*  
\* License: Apache License, Version 2.0  
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\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/br/CPFValidator.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/URL.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/ConfigurationImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/Length.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/AbstractOneLineStringStaxBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/ReturnValueTarget.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/location/BeanConstraintLocation.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForLong.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForBigInteger.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetClassLoader.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/location/AbstractPropertyConstraintLocation.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/HibernateValidatorContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/logging/Log.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetMethod.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/TypeVariables.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/nodenameprovider/PropertyNameProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/TypeConstraintMappingContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/ContainerElementTypeConfigurationBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-

jar/org/hibernate/validator/internal/xml/mapping/ContainerElementTypePath.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/constraints/br/CNPJ.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/util/privilegedactions/NewProxyInstance.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/cfg/defs/br/TituloEleitoralDef.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/cfg/context/MethodConstraintMappingContextImpl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/hv/time/DurationMinValidator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/properties/Property.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/util/privilegedactions/GetInstancesFromServiceLoader.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/number/InfinityNumberComparatorHelper.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/resourceloading/DelegatingResourceBundleLocator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/messageinterpolation/HibernateMessageInterpolatorContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForDate.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/money/NegativeOrZeroValidatorForMonetaryAmount.java  
 va  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/valueextraction/ByteArrayValueExtractor.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/constraintvalidation/HibernateConstraintValidatorInitializationContextImpl.java  
 pl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForYearMonth.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForBigInteger.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForOffsetDate  
 Time.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/metadata/raw/BeanConfiguration.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/NotBlankValidator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/Incubating.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/spi/group/DefaultGroupSequenceProvider.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/Token.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/OptionalLongValueExtractor.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfLong.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/SizeDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/cfg/context/ContainerElementConstraintMappingContextImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valuecontext/BeanValueContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/IsClassPresent.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/MessageState.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForBigInteger.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForReadableInstant.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/stereotypes/Lazy.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForCalendar.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/UniqueElements.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/properties/Callable.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/CodePointLengthDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/br/CNPJValidator.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/annotation/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForCollection.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/time/DurationMax.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/core/AnnotationProcessingOptions.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/cfg/ConstraintMappingContributor.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/TypeResolutionHelper.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/ValidatorFactoryImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/NotBlankDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraintvalidation/HibernateConstraintValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForOffsetTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/properties/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForBigDecimal.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraintvalidators/RegexpURLValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/ValueExtractorHelper.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/PredefinedScopeBeanMetaDataManager.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForLong.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/rule/ParallelMethodsMustNotDefineParameterConstraints.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/SetContextClassLoader.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/scripting/ScriptEvaluatorFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/PredefinedScopeValidatorContextImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForBigInteger.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/DefaultClockProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/REGONValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/logging/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArrayOfInt.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/core/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/NewInstance.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/stereotypes/ThreadSafe.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valuecontext/ValueContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-

jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForDouble.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/properties/javabean/JavaBeanMethod.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/engine/constraintvalidation/SimpleConstraintTree.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/money/MinValidatorForMonetaryAmount.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/AbstractEpochBasedTimeValidator.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfChar.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/metadata/descriptor/ClassDescriptorImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/hv/AbstractScriptAssertValidator.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/metadata/location/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/cfg/context/FieldConstraintMappingContextImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/engine/ServiceLoaderBasedConstraintMappingContributor.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/cfg/GenericConstraintDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfLong.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/constraints/pl/REGON.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/metadata/aggregated/rule/MethodConfigurationRule.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/xml/mapping/AbstractConstrainedExecutableElementStaxBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/cfg/context/ConstraintDefinitionContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/engine/validationcontext/ValidationContextBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/properties/javabean/JavaBeanExecutable.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/util/privilegedactions/GetResources.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/properties/javabean/JavaBeanField.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/util/privilegedactions/ConstructorInstance.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/cfg/context/ReturnValueConstraintMappingContextImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/path/PropertyNode.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-



jar/org/hibernate/validator/internal/util/logging/Messages.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/metadata/facets/Validatable.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/constraints/br/TituloEleitoral.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/metadata/descriptor/ReturnValueDescriptorImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/engine/valueextraction/LongArrayValueExtractor.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/properties/PropertyAccessor.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/cfg/context/GroupConversionTargetContextImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/PESELValidator.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/util/privilegedactions/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/metadata/descriptor/PropertyDescriptorImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/constraints/EAN.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/EmailValidator.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/xml/mapping/ConstraintDefinitionStaxBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/xml/mapping/ConstrainedConstructorStaxBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/cfg/defs/MinDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/metadata/descriptor/CrossParameterDescriptorImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/constraints/Currency.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfFloat.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/engine/validationcontext/PropertyValidationContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/metadata/BeanMetaDataManagerImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/util/annotation/ConstraintAnnotationDescriptor.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/AbstractDecimalMaxValidator.java  
va  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/HibernateValidator.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForBigDecimal.java

a

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfBoolean.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/ISBN.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/PatternDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/BeanMetaDataBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/scripting/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForByte.java

a

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/ScriptAssertContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/NotEmptyDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/MessageDescriptorFormatException.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/BeanMetaDataImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForBigInteger.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/ExecutableHelper.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForFloat.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/validationcontext/ValidatorScopedContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/time/DurationMaxValidator.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/el/SimpleELContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/resolver/CachingTraversableResolverForSingleValidation.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/properties/Constrainable.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/groups/GroupWithInheritance.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/util/InterpolationHelper.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/nodenameprovider/Property.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/parameternameprovider/ReflectionParameterNameProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForNumber.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForCalendar.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/PastDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/ConstrainedParameterStaxBuilder.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/CrossParameterConstraintMappingContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForInstant.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForShort.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/resourceloading/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForNumber.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForInteger.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/NegativeOrZeroDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/MethodTarget.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/ContainerElementTarget.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/br/CPF.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/ScriptAssert.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForHijrahDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForLong.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/Mod10CheckValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForThaiBuddhistDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/ConstraintMetaData.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/ConstraintDefinitionTarget.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/AbstractFutureJavaTimeValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForOffsetTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/AbstractMaxValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForLocalTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForByte.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/ParameterTarget.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/ModCheck.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForFloat.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/ConstraintDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/descriptor/ConstraintDescriptorImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/AnnotationIgnoreOptions.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintTree.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/LoadClass.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForZonedDateTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForBigDecimal.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/DoubleArrayValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/br/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/CompositionType.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetMethodFromGetterNameCandidates.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/ParameterScriptAssertValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/properties/ConstrainableExecutable.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/nodenameprovider/JavaBeanProperty.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/path/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/ISBNDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForInteger.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetResolvedMemberMethods.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/NIPValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/DefaultLocaleResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/location/ParameterConstraintLocation.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/PastOrPresentDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/MapPropertyKeyExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/rule/OverridingMethodMustNotAlterParameterConstraints.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/MappingXmlParser.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForCharSequence.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForFloat.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/GetterCascadable.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/NotBlank.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForCalendar.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForByte.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/properties/Signature.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/CurrencyDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfShort.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/properties/javabean/JavaBeanHelper.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/properties/javabean/JavaBeanParameter.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForBigDecimal.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/HibernateValidatorConfiguration.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/TokenCollector.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/CrossParameterTarget.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfInt.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/ClassLoadingHelper.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valuecontext/ValueContexts.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/resolver/JPATraversableResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/pl/PESEL.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForDouble.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredMethods.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForMap.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/NewSchema.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorManager.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/ObservableValueValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/cfg/context/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/location/ConstraintLocation.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/time/DurationMin.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/PropertyMetaData.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/TokenIterator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/AbstractPastJavaTimeValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/raw/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/core/MetaConstraints.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/classhierarchy/Filter.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/descriptor/BeanDescriptorImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/ListValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/descriptor/ExecutableDescriptorImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/AbstractConstraintMetaData.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraintvalidation/HibernateCrossParameterConstraintValidatorContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/BaseHibernateValidatorConfiguration.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForMap.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForNumber.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/ConstructorTarget.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForCollection.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/Constrainable.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorContextImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/AssertFalseValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForMinguoDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForShort.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/facets/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/cfg/context/ConstructorConstraintMappingContextImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/money/CurrencyValidatorForMonetaryAmount.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/AbstractConstraintValidatorManagerImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/facets/Cascadable.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/time/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/ConstrainedGetterStaxBuilder.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForByte.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/MetaDataBuilder.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/ConstrainedMethodStaxBuilder.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfByte.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/br/CPFDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/raw/ConstrainedParameter.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/path/PathImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArrayOfShort.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForMonthDay.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForOffsetTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/validationcontext/BaseBeanValidationContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/rule/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/money/DigitsValidatorForMonetaryAmount.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/EscapedState.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/logging/formatter/DurationFormatter.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForBigDecimal.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/el/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/pl/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/resourceloading/ResourceBundleLocator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/provider/XmlMetaDataProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/cfg/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/LengthDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/ValidatorFactoryConfigurationHelper.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/IntArrayValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/annotation/AnnotationProxy.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/descriptor/ElementDescriptorImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-



jar/org/hibernate/validator/internal/xml/config/ValidationConfigStaxBuilder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/ValidatorImpl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/cfg/context/ConstraintMappingTarget.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/AbstractJavaTimeValidator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/parameternameprovider/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/AbstractPastInstantBasedValidator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/metadata/provider/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/resolver/TraverseAllTraversableResolver.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArray.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/spi/scripting/ScriptEngineScriptEvaluator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/hv/Mod11CheckValidator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/xml/AbstractStaxBuilder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/cfg/context/CrossParameterConstraintMappingContextImpl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForCharSequence.  
 java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/cfg/defs/ScriptAssertDef.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/HibernateValidatorPermission.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/valueextraction/ReadOnlySetPropertyValueExtractor.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/ValidatorContextImpl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/cfg/context/AbstractPropertyConstraintMappingContextImpl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/cfg/defs/ParameterScriptAssertDef.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/metadata/aggregated/ParameterMetaData.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/resolver/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForBigDeci  
 mal.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-

jar/org/hibernate/validator/internal/xml/mapping/ValidStaxBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfBoolean.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForLocalTime.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/cfg/context/TypeConstraintMappingContextImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/ScriptAssertValidator.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForCharSequence.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/rule/ParallelMethodsMustNotDefineGroupConversionForCascadedReturnValue.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForFloat.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForYearMonth.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/FutureDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/FloatArrayValueExtractor.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/properties/Getter.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForMinguoDate.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/resourceloading/CachingResourceBundleLocator.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForReadableInstant.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/NonContainerCascadingMetaData.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/ClassBasedValidatorDescriptor.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/URLDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/groups/Group.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/ConstraintMappingsStaxBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-

jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForByte.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/util/logging/formatter/CollectionOfClassesObjectFormatter.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/cfg/defs/FutureOrPresentDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForLong.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/engine/DefaultPropertyNameProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForHijrahDate.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForDouble.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArrayOfDouble.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/PredefinedScopeHibernateValidator.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/cfg/defs/DecimalMaxDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/xml/mapping/ConstrainedFieldStaxBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/cfg/defs/br/CNPJDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForCalendar.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/cfg/defs/NotNullDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForLocalDateTime.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForLocalD  
ate.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/engine/resolver/CachingJPATraversableResolverForSingleValidation.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfPrimitives.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/engine/validationcontext/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForCharSequence.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorFactoryImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/money/DecimalMaxValidatorForMonetaryAmount.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/cfg/context/GroupConversionTargetContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/IterableValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/logging/LoggerFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForShort.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForYear.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/config/ResourceLoaderHelper.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForLocalDateTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForZonedDateTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForShort.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForByte.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForInstant.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForJapaneseDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/descriptor/GroupConversionDescriptorImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/NotBlankValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/config/ValidationBootstrapParameters.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/ReturnValueConstraintMappingContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/AbstractConstrainedElementStaxBuilder.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/CrossParameterConstraintValidatorContextImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/engine/HibernateValidatorEnhancedBean.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/Range.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/AbstractDecimalMinValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/DomainNameUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/MapPropertyValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-

jar/org/hibernate/validator/internal/engine/valueextraction/ValueExtractorManager.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForOffsetTime.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/validationcontext/AbstractValidationContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForNumber.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/MethodValidationConfiguration.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/messageinterpolation/InterpolationTermType.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForMonth  
 Day.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/scripting/DefaultScriptEvaluatorFactory.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/util/StringHelper.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/xml/mapping/GroupConversionStaxBuilder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/metadata/raw/ConstrainedField.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/util/annotation/AnnotationDescriptor.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/messageinterpolation/DefaultLocaleResolverContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/cfg/defs/AssertFalseDef.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/PredefinedScopeValidatorFactoryImpl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/metadata/descriptor/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/hv/CodePointLengthValidator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/cfg/context/ConstructorConstraintMappingContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/money/PositiveValidatorForMonetaryAmount.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/cfg/context/ConfiguredConstraint.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/cfg/context/GetterConstraintMappingContextImpl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorDescriptor.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/xml/mapping/ContainerElementTypeStaxBuilder.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/validationcontext/BeanValidationContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/DigitsValidatorForCharSequence.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/PositiveDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/AnnotationDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/AnnotationProcessingOptions.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForYear.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/MaxDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/Mod10Check.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/ExecutableMetaData.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraintvalidation/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForBigInteger.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/el/RootResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForHijrahDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/cfg/context/ConstraintContextImplBase.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForLong.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/CreditCardNumberDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/ComposingConstraintTree.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForInstant.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/TermResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/MapValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/LuhnCheck.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/ModCheckBase.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/group/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/TypeVariableBindings.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/PropertyConstraintMappingContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/IgnoreForbiddenApisErrors.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/scripting/ScriptEvaluator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/group/GroupSequenceProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForLocalDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForInstant.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForShort.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/resourceloading/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/properties/javabean/JavaBeanAnnotatedConstrainable.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/AssertTrueValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/PolishNumberValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/raw/ConstrainedType.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/resolver/TraversableResolvers.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/classhierarchy/Filters.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForBigDecimal.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/properties/javabean/JavaBeanGetter.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/EANDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/core/ConstraintOrigin.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/cfg/context/ConstraintMappingContextImplBase.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForZonedDateTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/pl/PESELDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/EITermResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/ObjectArrayValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForShort.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/path/ContainerElementNode.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/EmailValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/Cascadable.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/UniqueElementsDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/path/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArrayOfFloat.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForFloat.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForLocalTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/ShortArrayValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/core/MetaConstraint.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/ValidatorFactoryScopedContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/group/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/ConstraintMapping.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/scripting/AbstractCachingScriptEvaluatorFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForJapaneseDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/NotEmpty.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/BooleanArrayValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForYear.java



\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/InterpolationTermState.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetAnnotationAttributes.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/NumberComparatorHelper.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/NullValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/raw/AbstractConstrainedElement.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/AbstractInstantBasedTimeValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForReadableInstant.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/NotNullValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForInteger.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredConstructor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/ContainerElementConstraintMappingContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/AbstractMinValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/GroupConversionHelper.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForYearMonth.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/location/CrossParameterConstraintLocation.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetResource.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForLong.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForLocalDate Time.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/scripting/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/Mod11Check.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/LambdaBasedValidatorDescriptor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForZonedDateTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForReadableInstant.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForDouble.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForMonthDay.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/cfg/context/DefaultConstraintMapping.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/ConstraintCreationContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForDouble.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArray.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForJapaneseDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/AnnotatedObject.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintdefinition/ConstraintDefinitionContribution.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/LocalizedMessage.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForJapaneseDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/MessageInterpolatorContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/groups/ValidationOrderGenerator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/ModUtil.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalNumberComparatorHelper.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/ValueExtractorResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/properties/javabean/JavaBeanAnnotatedElement.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/SafeHtml.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/CrossParameterStaxBuilder.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/ReturnValueStaxBuilder.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/logging/formatter/ClassObjectFormatter.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/AbstractFutureOrPresentJavaTimeValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForMinguoDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/groups/DefaultValidationOrder.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/CollectionHelper.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/FormatterWrapper.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForByte.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForCharSequence.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfByte.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/ConstraintViolationImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/ReadOnlyListPropertyValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/classhierarchy/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/path/NodeImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/CodePointLength.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForCharSequence.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForInteger.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/core/AnnotationProcessingOptionsImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/context/ParameterConstraintMappingContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/AbstractPastOrPresentEpochBasedValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForDouble.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/EANValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/PositiveOrZeroDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForOffsetDateTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/location/GetterConstraintLocation.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/AbstractPastOrPresentJavaTimeValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/scripting/ScriptEvaluationException.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/PotentiallyContainerCascadingMetaData.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/BeanStaxBuilder.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/CascadingMetaData.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForYear.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/AbstractFutureOrPresentEpochBasedValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/money/MaxValidatorForMonetaryAmount.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/money/PositiveOrZeroValidatorForMonetaryAmount.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForShort.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/BeanMetaData.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForDouble.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForLocalDateTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/AbstractFutureOrPresentInstantBasedValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/core/BuiltinConstraint.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/validationcontext/ParameterExecutableValidationContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/logging/formatter/CollectionOfObjectsToStringFormatter.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/validationcontext/ReturnValueExecutableValidationContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForMinguoDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/Contracts.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetMethods.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForCharSequence.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/CascadingMetaDataBuilder.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/HibernateValidatorFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/ArrayElement.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/Mod10CheckDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/messageinterpolation/ParameterMessageInterpolator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/ModCheckValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/logging/formatter/ObjectArrayFormatter.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/SafeHtmlValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForInteger.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/messageinterpolation/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/ContainerCascadingMetaData.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/ReadOnlyMapPropertyKeyExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForFloat.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfDouble.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/PatternValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForNumber.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/spi/messageinterpolation/LocaleResolverContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintViolationCreationContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForLocalTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NumberSignHelper.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/SetPropertyValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForFloat.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/pl/NIPDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForCharSequence.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForBigDecimal.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/logging/formatter/ExecutableFormatter.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredMethod.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/Email.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/DigitsDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/Mod11CheckDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/ParameterTermResolver.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForBigInteger.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForCharSequence.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredMethodHandle.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-

jar/org/hibernate/validator/internal/constraintvalidators/hv/URLValidator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/metadata/aggregated/AbstractPropertyCascadable.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/xml/mapping/ConstraintTypeStaxBuilder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForNumber  
 .java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/money/DecimalMinValidatorForMonetaryAmount.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredConstructors.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/PredefinedScopeHibernateValidatorFactory.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForReadablePartial.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/AbstractConfigurationImpl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/metadata/location/ReturnValueConstraintLocation.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/messageinterpolation/ResourceBundleMessageInterpolator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/cfg/context/ExecutableConstraintMappingContextImpl.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/AbstractPastOrPresentInstantBasedVa  
 lidator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/xml/XmlParserHelper.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/metadata/aggregated/rule/VoidMethodsMustNotBeReturnValueConstrained.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/cfg/context/PropertyTarget.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/xml/mapping/DefaultPackageStaxBuilder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/validationcontext/ValidationContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/metadata/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/metadata/location/TypeArgumentConstraintLocation.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/properties/javabean/JavaBeanConstructor.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/valueextraction/MapKeyExtractor.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/xml/CloseIgnoringInputStream.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-

jar/org/hibernate/validator/constraints/pl/NIP.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/metadata/aggregated/FieldCascadable.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/cfg/defs/DurationMinDef.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/cfg/defs/SafeHtmlDef.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/metadata/core/ConstraintHelper.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForLong.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForInteger.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/spi/scripting/ScriptEvaluatorNotFoundException.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/cfg/defs/DurationMaxDef.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/hv/ISBNValidator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/AbstractFutureEpochBasedValidator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/cfg/context/MethodConstraintMappingContext.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/constraints/CreditCardNumber.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/PredefinedScopeHibernateValidatorConfiguration.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/size/package-info.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForMonthDay.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForShort.java  
 va  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForArraysOfChar.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/groups/Sequence.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/engine/resolver/AbstractTraversableHolder.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/hv/LengthValidator.java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
 jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForYearMonth  
 .java  
 \* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-



jar/org/hibernate/validator/spi/messageinterpolation/LocaleResolver.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/util/ReflectionHelper.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/metadata/provider/ProgrammaticMetaDataProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/metadata/aggregated/rule/ReturnValueMayOnlyBeMarkedOnceAsCascadedPerH  
ierarchyLine.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/properties/Field.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForDouble.  
java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/messageinterpolation/AbstractMessageInterpolator.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/cfg/defs/DecimalMinDef.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/money/NegativeValidatorForMonetaryAmount.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/metadata/aggregated/ValidatableParametersMetaData.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForThaiBuddhistDate.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/engine/groups/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForCharSeq  
uence.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/constraintvalidation/HibernateConstraintValidatorContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/cfg/context/TypeTarget.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/DigitsValidatorForNumber.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/metadata/DefaultBeanMetaDataClassNormalizer.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/util/Version.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/engine/valueextraction/ListPropertyValueExtractor.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/util/ExecutableParameterNameProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForByte.java  
\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-  
jar/org/hibernate/validator/internal/constraintvalidators/AbstractEmailValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/config/ValidationXmlParser.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/PredefinedScopeConstraintValidatorManagerImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForReadablePartial.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForInteger.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/UniqueElementsValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/parameternameprovider/ParanamerParameterNameProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/ClassMetaData.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/AbstractPastEpochBasedValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/annotation/AnnotationFactory.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/provider/MetaDataProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/AbstractFutureInstantBasedValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForNumber.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForReadablePartial.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/ELState.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/pl/REGONDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/raw/ConstrainedElement.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForFloat.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/raw/ConfigurationSource.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/metadata/BeanMetaDataClassNormalizer.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForHijrahDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/logging/formatter/TypeFormatter.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/classhierarchy/ClassHierarchyHelper.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/OptionalIntValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/properties/DefaultGetterPropertySelectionStrategy.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/raw/ConstrainedExecutable.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/hv/LuhnCheckValidator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/RangeDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/ParserState.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/aggregated/ReturnValueMetaData.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForLocalDate.java

ava

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/NullDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/groups/ValidationOrder.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/descriptor/ContainerElementTypeDescriptorImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/pl/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForLocalDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredFields.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/ReadOnlyMapPropertyValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForOffsetDateTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/NegativeDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredField.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraintvalidation/HibernateConstraintValidatorInitializationContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/stereotypes/Immutable.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/BeanMetaDataManager.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/PredefinedScopeConfigurationImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/logging/formatter/ArrayOfClassesObjectFormatter.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForOffsetDateTime.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/OptionalValueExtractor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/valueextraction/ValueExtractorDescriptor.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/privilegedactions/GetAnnotationAttribute.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/engine/HibernateConstraintViolation.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/mapping/AbstractMultiValuedElementStaxBuilder.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/EmailDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/resourceloading/AggregateResourceBundleLocator.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/DefaultParameterNameProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/cfg/defs/LuhnCheckDef.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/cfg/context/ConstraintDefinitionContextImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorManagerImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForInteger.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/descriptor/ParameterDescriptorImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/validationcontext/ExecutableValidationContext.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/metadata/location/FieldConstraintLocation.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/xml/config/BootstrapConfigurationImpl.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForInteger.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForThaiBuddhistDate.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/engine/messageinterpolation/InterpolationTerm.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForNumber.java

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-

```

jar/org/hibernate/validator/spi/properties/GetterPropertySelectionStrategy.java
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-
jar/org/hibernate/validator/internal/engine/valueextraction/OptionalDoubleValueExtractor.java
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForThaiBu
ddhistDate.java
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-
jar/org/hibernate/validator/internal/xml/mapping/ClassConstraintTypeStaxBuilder.java
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForLong.ja
va
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-
jar/org/hibernate/validator/constraints/br/package-info.java
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-
jar/org/hibernate/validator/internal/cfg/context/ParameterConstraintMappingContextImpl.java
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForReadablePartial.java
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-
jar/org/hibernate/validator/internal/cfg/context/CascadableConstraintMappingContextImplBase.java
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-
jar/org/hibernate/validator/internal/engine/valueextraction/CharArrayValueExtractor.java
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-
jar/org/hibernate/validator/cfg/defs/AssertTrueDef.java
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-
jar/org/hibernate/validator/internal/properties/javabean/package-info.java
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-
jar/org/hibernate/validator/resourceloading/PlatformResourceBundleLocator.java
* /opt/ws_local/PERMITS_SQL/1082167578_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-
jar/org/hibernate/validator/constraints/ConstraintComposition.java
No license file was found, but licenses were detected in source scan.

```

```

/*
* Hibernate Validator, declare and validate application constraints
*
* License: Apache License, Version 2.0
* See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.
*/
/**
* <p>
* A method-level constraint, that evaluates a script expression against the
* annotated method or constructor. This constraint can be used to implement
* validation routines that depend on several parameters of the annotated
* executable.
* </p>
* <p>
* Script expressions can be written in any scripting or expression language,
* for which a JSR 223
* ("Scripting for the JavaTM Platform") compatible engine can be

```

\* found on the classpath. To refer to a parameter within the scripting  
 \* expression, use its name as obtained by the active  
 \* { @link javax.validation.ParameterNameProvider }. The default provider will  
 \* return the actual parameter names, if the -parameters compiler option  
 \* has been enabled, and { @code arg0 }, { @code arg1 } etc. otherwise.

</p>

<p>

\* The following listing shows an example using the JavaScript engine which  
 \* comes with the JDK:

</p>

```
<pre>
* { @code @ParameterScriptAssert(script = "start.before(end)", lang = "javascript")
* public void createEvent(Date start, Date end) { ... }
* }
</pre>
```

<p>

\* Can be specified on any method or constructor.

</p>

\*

\* @author Gunnar Morling

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/constraints/ParameterScriptAssert.java  
 No license file was found, but licenses were detected in source scan.

```
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*
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*/
/*
* Written by Doug Lea with assistance from members of JCP JSR-166
* Expert Group and released to the public domain, as explained at
* http://creativecommons.org/licenses/publicdomain
*/
```

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java  
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- \*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1082167578\_1597877588.44/0/hibernate-validator-6-1-5-final-sources-2-jar/org/hibernate/validator/internal/util/TypeHelper.java

## 1.640 jackson-databind 2.11.3

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# Jackson JSON processor

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It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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# 1.641 six 1.12.0

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# 1.642 httpcomponents-client 4.5.12

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## 1.645 jackson-datatype-jsr310 2.11.0

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## 1.646 commons-cli 1.3.1

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## 1.648 jakarta-activation 1.2.2

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# 1.650 base64-conversion-utility-class 2.2.2

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```
/**
 * <p>Encodes and decodes to and from Base64 notation.</p>
 * <p>Homepage: http://iharder.net/base64.</p>
 *
 * <p>The <tt>options</tt> parameter, which appears in a few places, is used to pass
 * several pieces of information to the encoder. In the "higher level" methods such as
 * encodeBytes(bytes, options) the options parameter can be used to indicate such
 * things as first gzipping the bytes before encoding them, not inserting linefeeds
 * (though that breaks strict Base64 compatibility), and encoding using the URL-safe
 * and Ordered dialects.</p>
 *
 * <p>The constants defined in Base64 can be OR-ed together to combine options, so you
 * might make a call like this:</p>
 *
 * <code>String encoded = Base64.encodeBytes(mybytes, Base64.GZIP | Base64.DONT_BREAK_LINES
 *);</code>
 *
 * <p>to compress the data before encoding it and then making the output have no newline characters.</p>
 *
 *
 * <p>
 * Change Log:
 * </p>
 *
 * v2.2.2 - Fixed encodeFileToFile and decodeFileToFile to use the
 * Base64.InputStream class to encode and decode on the fly which uses
 * less memory than encoding/decoding an entire file into memory before writing.
```



- \* <li>v2.2.1 - Fixed bug using URL\_SAFE and ORDERED encodings. Fixed bug
- \* when using very small files (~< 40 bytes).</li>
- \* <li>v2.2 - Added some helper methods for encoding/decoding directly from
- \* one file to the next. Also added a main() method to support command line
- \* encoding/decoding from one file to the next. Also added these Base64 dialects:
- \* <ol>
- \* <li>The default is RFC3548 format.</li>
- \* <li>Calling Base64.setFormat(Base64.BASE64\_FORMAT.URLSAFE\_FORMAT) generates
- \* URL and file name friendly format as described in Section 4 of RFC3548.
- \* <http://www.faqs.org/rfcs/rfc3548.html></li>
- \* <li>Calling Base64.setFormat(Base64.BASE64\_FORMAT.ORDERED\_FORMAT) generates
- \* URL and file name friendly format that preserves lexical ordering as described
- \* in <http://www.faqs.org/qa/rfcc-1940.html></li>
- \* </ol>
- \* Special thanks to Jim Kellerman at <http://www.powerset.com/>
- \* for contributing the new Base64 dialects.
- \* </li>
- \* </ul>
- \* <li>v2.1 - Cleaned up javadoc comments and unused variables and methods. Added
- \* some convenience methods for reading and writing to and from files.</li>
- \* <li>v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems
- \* with other encodings (like EBCDIC).</li>
- \* <li>v2.0.1 - Fixed an error when decoding a single byte, that is, when the
- \* encoded data was a single byte.</li>
- \* <li>v2.0 - I got rid of methods that used booleans to set options.
- \* Now everything is more consolidated and cleaner. The code now detects
- \* when data that's being decoded is gzip-compressed and will decompress it
- \* automatically. Generally things are cleaner. You'll probably have to
- \* change some method calls that you were making to support the new
- \* options format (<tt>int</tt>s that you "OR" together).</li>
- \* <li>v1.5.1 - Fixed bug when decompressing and decoding to a
- \* byte[] using <tt>decode( String s, boolean gzipCompressed )</tt>.
- \* Added the ability to "suspend" encoding in the Output Stream so
- \* you can turn on and off the encoding if you need to embed base64
- \* data in an otherwise "normal" stream (like an XML file).</li>
- \* <li>v1.5 - Output stream pases on flush() command but doesn't do anything itself.
- \* This helps when using GZIP streams.
- \* Added the ability to GZip-compress objects before encoding them.</li>
- \* <li>v1.4 - Added helper methods to read/write files.</li>
- \* <li>v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.</li>
- \* <li>v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream
- \* where last buffer being read, if not completely full, was not returned.</li>
- \* <li>v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.</li>
- \* <li>v1.3.3 - Fixed I/O streams which were totally messed up.</li>
- \* </ul>
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# 1.655 rx-netty-servo 0.4.9

# 1.656 spring-cloud-openfeign-core

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\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/clientconfig/HttpClientFeignConfiguration.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/support/FeignUtils.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/encoding/HttpEncoding.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/FeignClientFactoryBean.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/ribbon/CachingSpringLoadBalancerFactory.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/support/AbstractFormWriter.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/support/DefaultGzipDecoderConfiguration.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/SpringQueryMap.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/encoding/BaseRequestInterceptor.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/support/SpringEncoder.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/DefaultTargeter.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/loadbalancer/HttpClientFeignLoadBalancerConfiguration.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/FeignClientBuilder.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/FeignContext.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/support/SpringDecoder.java

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\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/encoding/FeignContentGzipEncodingAutoConfiguration.java

\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/loadbalancer/FeignLoadBalancerAutoConfiguration.java

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\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/FeignFormatterRegistrar.java

\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/support/JsonFormWriter.java

\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/support/SpringMvcContract.java

\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/encoding/FeignAcceptGzipEncodingAutoConfiguration.java

\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/FeignClientSpecification.java

\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/loadbalancer/FeignBlockingLoadBalancerClient.java

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\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/encoding/FeignClientEncodingProperties.java

\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/annotation/PathVariableParameterProcessor.java

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\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/ribbon/FeignRetryPolicy.java

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\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/loadbalancer/OkHttpFeignLoadBalancerConfiguration.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/support/DefaultGzipDecoder.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/ribbon/RibbonResponseStatusCodeException.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/clientconfig/OkHttpFeignConfiguration.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/support/FallbackCommand.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/FeignAutoConfiguration.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/encoding/FeignContentGzipEncodingInterceptor.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/AnnotatedParameterProcessor.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/annotation/RequestPartParameterProcessor.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/support/SortJsonComponent.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/support/SortJacksonModule.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/ribbon/DefaultFeignLoadBalancedConfiguration.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/support/FeignHttpClientProperties.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/ribbon/LoadBalancerFeignClient.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/Targeter.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/ribbon/FeignRibbonClientAutoConfiguration.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/FeignClientsConfiguration.java  
\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/annotation/RequestHeaderParameterProcessor.java  
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\* /opt/cola/permits/1136829778\_1613930970.48/0/spring-cloud-openfeign-core-2-2-3-release-sources-1-jar/org/springframework/cloud/openfeign/FeignLoggerFactory.java

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# 1.657 spring-framework 5.2.7.RELEASE

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\* Poly1305 message authentication code, designed by D. J. Bernstein.

\* <p>

\* Poly1305 computes a 128-bit (16 bytes) authenticator, using a 128 bit nonce and a 256 bit key

\* consisting of a 128 bit key applied to an underlying cipher, and a 128 bit key (with 106

\* effective key bits) used in the authenticator.

\* <p>

\* The polynomial calculation in this implementation is adapted from the public domain <a

\* href="https://github.com/floodyberry/poly1305-donna">poly1305-donna-unrolled</a> C implementation

\* by Andrew M (@floodyberry).

\* @see Poly1305KeyGenerator

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\* SPHINCS-256 signer.

\* <p>

\* This implementation is heavily based on the reference implementation in SUPERCOP, the main difference being  
 the digests used

\* for message hashing and tree construction are now configurable (within limits...) and that the implementation  
 produces

\* detached signatures.

\* </p>

\* <p>

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public DomainParameters(BigInteger p, BigInteger g, BigInteger q, BigInteger j,

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 * not use this constructor</i>. Instead, they must use the { @link #SourceInterpreter(int)}
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 */
```

Found in path(s):

```
* /opt/cola/permits/1092526418_1601878472.11/0/asm-analysis-8-0-1-sources-
jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java
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## 1.660 sed 4.7 1

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This package was assembled from sources obtained from:

<ftp://ftp.gnu.org/gnu/sed/>

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## 1.661 jackson 2.11.0

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- \* /opt/cola/permits/1096695471\_1601878543.71/0/cassandra-lucene-index-builder-3-11-3-0-sources-jar/com/stratio/cassandra/lucene/builder/index/schema/analysis/SnowballAnalyzer.java
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- \* /opt/cola/permits/1096695471\_1601878543.71/0/cassandra-lucene-index-builder-3-11-3-0-sources-jar/com/stratio/cassandra/lucene/builder/JSONBuilder.java
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- \* /opt/cola/permits/1096695471\_1601878543.71/0/cassandra-lucene-index-builder-3-11-3-0-sources-jar/com/stratio/cassandra/lucene/builder/index/schema/mapping/BooleanMapper.java
- \* /opt/cola/permits/1096695471\_1601878543.71/0/cassandra-lucene-index-builder-3-11-3-0-sources-jar/com/stratio/cassandra/lucene/builder/index/schema/mapping/SingleColumnMapper.java
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- \* /opt/cola/permits/1096695471\_1601878543.71/0/cassandra-lucene-index-builder-3-11-3-0-sources-jar/com/stratio/cassandra/lucene/builder/index/schema/mapping/BigDecimalMapper.java
- \* /opt/cola/permits/1096695471\_1601878543.71/0/cassandra-lucene-index-builder-3-11-3-0-sources-jar/com/stratio/cassandra/lucene/builder/search/condition/Condition.java
- \* /opt/cola/permits/1096695471\_1601878543.71/0/cassandra-lucene-index-builder-3-11-3-0-sources-jar/com/stratio/cassandra/lucene/builder/search/condition/DateRangeCondition.java
- \* /opt/cola/permits/1096695471\_1601878543.71/0/cassandra-lucene-index-builder-3-11-3-0-sources-jar/com/stratio/cassandra/lucene/builder/search/condition/GeoBBBoxCondition.java
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jar/com/stratio/cassandra/lucene/builder/index/schema/analysis/ClasspathAnalyzer.java  
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jar/com/stratio/cassandra/lucene/builder/index/schema/Schema.java  
\* /opt/cola/permits/1096695471\_1601878543.71/0/cassandra-lucene-index-builder-3-11-3-0-sources-  
jar/com/stratio/cassandra/lucene/builder/index/schema/mapping/DateRangeMapper.java

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## 1.669 javax-ws-rs-api 2.0

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## 1.670 gnutls 3.6.7-4+deb10u6

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```
* /opt/cola/permits/1135892681_1613627013.6/0/javapoet-1-8-0-sources-1-
jar/com/squareup/javapoet/MethodSpec.java
* /opt/cola/permits/1135892681_1613627013.6/0/javapoet-1-8-0-sources-1-
jar/com/squareup/javapoet/ArrayTypeName.java
* /opt/cola/permits/1135892681_1613627013.6/0/javapoet-1-8-0-sources-1-
jar/com/squareup/javapoet/WildcardTypeName.java
* /opt/cola/permits/1135892681_1613627013.6/0/javapoet-1-8-0-sources-1-
jar/com/squareup/javapoet/AnnotationSpec.java
* /opt/cola/permits/1135892681_1613627013.6/0/javapoet-1-8-0-sources-1-
jar/com/squareup/javapoet/TypeName.java
* /opt/cola/permits/1135892681_1613627013.6/0/javapoet-1-8-0-sources-1-jar/com/squareup/javapoet/Util.java
* /opt/cola/permits/1135892681_1613627013.6/0/javapoet-1-8-0-sources-1-
jar/com/squareup/javapoet/CodeWriter.java
* /opt/cola/permits/1135892681_1613627013.6/0/javapoet-1-8-0-sources-1-
jar/com/squareup/javapoet/TypeSpec.java
* /opt/cola/permits/1135892681_1613627013.6/0/javapoet-1-8-0-sources-1-jar/com/squareup/javapoet/JavaFile.java
* /opt/cola/permits/1135892681_1613627013.6/0/javapoet-1-8-0-sources-1-
jar/com/squareup/javapoet/NameAllocator.java
* /opt/cola/permits/1135892681_1613627013.6/0/javapoet-1-8-0-sources-1-
jar/com/squareup/javapoet/ParameterSpec.java
* /opt/cola/permits/1135892681_1613627013.6/0/javapoet-1-8-0-sources-1-
jar/com/squareup/javapoet/ParameterizedTypeName.java
* /opt/cola/permits/1135892681_1613627013.6/0/javapoet-1-8-0-sources-1-
```

jar/com/squareup/javapoet/FieldSpec.java  
\* /opt/cola/permits/1135892681\_1613627013.6/0/javapoet-1-8-0-sources-1-  
jar/com/squareup/javapoet/TypeVariableName.java  
\* /opt/cola/permits/1135892681\_1613627013.6/0/javapoet-1-8-0-sources-1-  
jar/com/squareup/javapoet/CodeBlock.java  
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jar/com/squareup/javapoet/ClassName.java  
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jar/com/squareup/javapoet/LineWrapper.java

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## 1.677 promise 7.3.1

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\* /opt/cola/permits/1096695280\_1601878541.9/0/spring-cloud-sleuth-core-2-2-3-release-jar/META-INF/maven/org.springframework.cloud/spring-cloud-sleuth-core/pom.xml

# 1.679 httpclient 4.5.12

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## PCRE JUST-IN-TIME COMPILATION SUPPORT

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## THE C++ WRAPPER FUNCTIONS

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# 1.681 websocket-client 9.4.29.v20200521

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\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.  
\* org.eclipse.jetty.orbit:javafx.security.auth.message

The following artifacts are EPL and CDDL 1.0.  
\* org.eclipse.jetty.orbit:javafx.mail.glassfish

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Oracle

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

\* javax.servlet:javax.servlet-api  
\* javax.annotation:javax.annotation-api  
\* javax.transaction:javax.transaction-api  
\* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN

module is selected.

\* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons  
org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

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MortBay

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org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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## 1.682 bn.js 5.2.0

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# 1.683 zipkin-sender-kafka 2.15.0

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Manifest-Version: 1.0  
Created-By: Apache Maven Bundle Plugin  
Build-Jdk-Spec: 13  
Automatic-Module-Name: zipkin2.reporter.kafka  
Bnd-LastModified: 1589702632723  
Build-Jdk: 13.0.2  
Built-By: travis  
Bundle-Description: Zipkin Reporter (Parent)  
Bundle-DocURL: <https://zipkin.io/>  
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.txt>  
Bundle-ManifestVersion: 2  
Bundle-Name: Zipkin Sender: Kafka 0.11+  
Bundle-SymbolicName: io.zipkin.reporter2.zipkin-sender-kafka  
Bundle-Vendor: OpenZipkin  
Bundle-Version: 2.15.0  
Export-Package: zipkin2.reporter.kafka;version="2.15.0";uses="zipkin2,zipkin2.codec,zipkin2.reporter"  
Import-Package: org.apache.kafka.clients.admin,org.apache.kafka.clients.producer,org.apache.kafka.common,org.apache.kafka.common.serialization,zipkin2;version="[2.21,3)",zipkin2.codec;version="[2.21,3)",zipkin2.reporter;version="[2.15,3)"  
Originally-Created-By: Apache Maven Bundle Plugin  
Require-Capability: osgi.ee:filter="(&(osgi.ee=JavaSE)(version=1.7))"  
Tool: Bnd-4.2.0.201903051501

Found in path(s):

\* /opt/cola/permits/1096695414\_1601878593.29/0/zipkin-sender-kafka-2-15-0-jar/META-INF/MANIFEST.MF

# 1.684 spring-cloud-vault-config

## 2.2.3.RELEASE

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# 1.685 core-js 3.11.0

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## 1.687 pbkdf2 3.1.1

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## 1.688 swagger-annotations 2.1.2



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* /opt/ws_local/PERMITS_SQL/1069435298_1594665075.15/0/swagger-annotations-2-1-2-sources-
jar/io/swagger/v3/oas/annotations/servers/Server.java
* /opt/ws_local/PERMITS_SQL/1069435298_1594665075.15/0/swagger-annotations-2-1-2-sources-
jar/io/swagger/v3/oas/annotations/media/ExampleObject.java
* /opt/ws_local/PERMITS_SQL/1069435298_1594665075.15/0/swagger-annotations-2-1-2-sources-
jar/io/swagger/v3/oas/annotations/security/SecurityRequirements.java
* /opt/ws_local/PERMITS_SQL/1069435298_1594665075.15/0/swagger-annotations-2-1-2-sources-
jar/io/swagger/v3/oas/annotations/security/OAuthFlows.java
* /opt/ws_local/PERMITS_SQL/1069435298_1594665075.15/0/swagger-annotations-2-1-2-sources-
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jar/io/swagger/v3/oas/annotations/parameters/RequestBody.java
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jar/io/swagger/v3/oas/annotations/Parameter.java
* /opt/ws_local/PERMITS_SQL/1069435298_1594665075.15/0/swagger-annotations-2-1-2-sources-
jar/io/swagger/v3/oas/annotations/callbacks/Callbacks.java
* /opt/ws_local/PERMITS_SQL/1069435298_1594665075.15/0/swagger-annotations-2-1-2-sources-
jar/io/swagger/v3/oas/annotations/tags/Tags.java
* /opt/ws_local/PERMITS_SQL/1069435298_1594665075.15/0/swagger-annotations-2-1-2-sources-
jar/io/swagger/v3/oas/annotations/servers/Servers.java
* /opt/ws_local/PERMITS_SQL/1069435298_1594665075.15/0/swagger-annotations-2-1-2-sources-
jar/io/swagger/v3/oas/annotations/security/SecurityScheme.java
* /opt/ws_local/PERMITS_SQL/1069435298_1594665075.15/0/swagger-annotations-2-1-2-sources-
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\* /opt/ws\_local/PERMITS\_SQL/1069435298\_1594665075.15/0/swagger-annotations-2-1-2-sources-jar/io/swagger/v3/oas/annotations/tags/Tag.java

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\* /opt/ws\_local/PERMITS\_SQL/1069435298\_1594665075.15/0/swagger-annotations-2-1-2-sources-jar/io/swagger/v3/oas/annotations/Parameters.java

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\* /opt/ws\_local/PERMITS\_SQL/1069435298\_1594665075.15/0/swagger-annotations-2-1-2-sources-jar/io/swagger/v3/oas/annotations/media/DiscriminatorMapping.java

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\* /opt/ws\_local/PERMITS\_SQL/1069435298\_1594665075.15/0/swagger-annotations-2-1-2-sources-jar/io/swagger/v3/oas/annotations/Hidden.java

\* /opt/ws\_local/PERMITS\_SQL/1069435298\_1594665075.15/0/swagger-annotations-2-1-2-sources-jar/io/swagger/v3/oas/annotations/servers/ServerVariable.java

## 1.689 jackson-mapper-asl 1.9.13

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```
* /opt/ws_local/PERMITS_SQL/1078286973_1597285663.32/0/jackson-mapper-asl-1-9-13-sources-2-
jar/org/codehaus/jackson/map/MappingJsonFactory.java
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* /opt/ws_local/PERMITS_SQL/1064524812_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Param.java
* /opt/ws_local/PERMITS_SQL/1064524812_1593314771.94/0/feign-core-10-10-1-sources-
jar/feign/ReflectiveAsyncFeign.java
* /opt/ws_local/PERMITS_SQL/1064524812_1593314771.94/0/feign-core-10-10-1-sources-
```

jar/feign/optionals/OptionalDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/AsyncInvocation.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/auth/BasicAuthRequestInterceptor.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/stream/StreamDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/template/UriTemplate.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Target.java  
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\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/SynchronousMethodHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/template/QueryTemplate.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/template/Literal.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/AsyncJoinException.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/template/Template.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/querymap/FieldQueryMapEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/codec/ErrorDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/codec/StringDecoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/CollectionFormat.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/HeaderMap.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/querymap/BeanQueryMapEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/MethodInfo.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Util.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/AsyncResponseHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/codec/EncodeException.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/FeignException.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/DefaultMethodHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/AsyncFeign.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-

jar/feign/template/Expressions.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Logger.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Response.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Capability.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/ExceptionPropagationPolicy.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/QueryMap.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/auth/Base64.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/InvocationHandlerFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/template/Expression.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/template/HeaderTemplate.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/template/BodyTemplate.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Client.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/AsyncClient.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/ReflectiveFeign.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/DeclarativeContract.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/template/TemplateChunk.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/RequestInterceptor.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/codec/Decoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/RetryableException.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/MethodMetadata.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Body.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Retriyer.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Types.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/codec/DecodeException.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/RequestTemplate.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/template/UriUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/codec/Encoder.java

\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Headers.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Experimental.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/RequestLine.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Request.java  
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\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/QueryMapEncoder.java  
\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/feign/Contract.java  
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\* /opt/ws\_local/PERMITS\_SQL/1064524812\_1593314771.94/0/feign-core-10-10-1-sources-jar/META-INF/maven/io.github.openfeign/feign-core/pom.xml

## 1.691 jersey-client 1.19.1

## 1.692 zipkin-reporter-brave 2.15.0

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\* /opt/cola/permits/1096695449\_1601878448.74/0/zipkin-reporter-brave-2-15-0-sources-jar/zipkin2/reporter/brave/JsonV2Encoder.java

\* /opt/cola/permits/1096695449\_1601878448.74/0/zipkin-reporter-brave-2-15-0-sources-jar/zipkin2/reporter/brave/ZipkinSpanHandler.java

\* /opt/cola/permits/1096695449\_1601878448.74/0/zipkin-reporter-brave-2-15-0-sources-jar/zipkin2/reporter/brave/ConvertingSpanReporter.java

\* /opt/cola/permits/1096695449\_1601878448.74/0/zipkin-reporter-brave-2-15-0-sources-jar/zipkin2/reporter/brave/AsyncZipkinSpanHandler.java

\* /opt/cola/permits/1096695449\_1601878448.74/0/zipkin-reporter-brave-2-15-0-sources-jar/zipkin2/reporter/brave/ConvertingZipkinSpanHandler.java

## 1.693 minimalistic-assert 1.0.1

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# 1.694 brave-instrumentation-httpclient 5.12.3

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# 1.695 spring-cloud-function-core

## 3.0.8.RELEASE

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\* /opt/cola/permits/1096695400\_1601878584.63/0/spring-cloud-function-core-3-0-8-release-jar/META-INF/maven/org.springframework.cloud/spring-cloud-function-core/pom.xml

# 1.696 core-js 3.0.0

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 * @author Jeff Williams Aspect Security
 * @created 2007
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```

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* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/errors/AvailabilityException.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/filters/RequestRateThrottleFilter.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/AccessReferenceMap.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/errors/AccessControlException.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/StringUtilities.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/codecs/JavaScriptCodec.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/filters/SecurityWrapper.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/DefaultUser.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/validation/HTMLValidationRule.java
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jar/org/owasp/esapi/errors/EnterpriseSecurityException.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
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* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/errors/AuthenticationCredentialsException.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/errors/EncodingException.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
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* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
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 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/reference/validation/StringValidationRule.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/errors/ValidationAvailabilityException.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/reference/validation/DateValidationRule.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/Randomizer.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/reference/validation/NumberValidationRule.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/codecs/UnixCodec.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/reference/IntegerAccessReferenceMap.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/codecs/LegacyHTMLEntityCodec.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/filters/ESAPIFilter.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/reference/DefaultIntrusionDetector.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/Authenticator.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/errors/AuthenticationAccountsException.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/errors/ExecutorException.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/codecs/PercentCodec.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/errors/AuthenticationException.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/codecs/VBScriptCodec.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/errors/ValidationUploadException.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/errors/AuthenticationLoginException.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/codecs/MySQLCodec.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/User.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/codecs/Codec.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/reference/crypto/DefaultEncryptedProperties.java  
 \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-

jar/org/owasp/esapi/reference/DefaultEncoder.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
jar/org/owasp/esapi/reference/validation/BaseValidationRule.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
jar/org/owasp/esapi/errors/IntegrityException.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
jar/org/owasp/esapi/IntrusionDetector.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
jar/org/owasp/esapi/codecs/WindowsCodec.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
jar/org/owasp/esapi/reference/validation/IntegerValidationRule.java  
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```
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*
* @author Jeff Williams Aspect Security
* @created 2007
*/
```

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
jar/org/owasp/esapi/tags/BaseEncodeTag.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
jar/org/owasp/esapi/tags/EncodeForVBScriptTag.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
jar/org/owasp/esapi/tags/EncodeForHTMLTag.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
jar/org/owasp/esapi/tags/EncodeForHTMLAttributeTag.java  
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Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/package.html  
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```
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```

Found in path(s):

```
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/Log4JLogFactory.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/AbstractAccessReferenceMap.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/DefaultHTTPUtilities.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/Log4JLogger.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/Log4JLoggerFactory.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/DefaultSecurityConfiguration.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/Validator.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/codecs/OracleCodec.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/crypto/ReferenceEncryptedProperties.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/FileBasedAuthenticator.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/RandomAccessReferenceMap.java
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```

```
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*
* @author Matt Seil (mseil .at. owasp.org)
* @created 2017
*
* @author Jeff Williams (jeff.williams .at. aspectsecurity.com) <a
* href="http://www.aspectsecurity.com">Aspect Security
* @created 2007
*/
```

Found in path(s):

```
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/codecs/AbstractCharacterCodec.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/codecs/AbstractIntegerCodec.java
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```

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*
* @author Patrick Higgins
* @created 2010
*/
```

Found in path(s):

```
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/ExecuteResult.java
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```

```
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* @author Matt Seil (mseil .at. owasp.org)
* @updated 2017
*
* @author Jeff Williams (jeff.williams .at. aspectsecurity.com) <a
* href="http://www.aspectsecurity.com">Aspect Security
* @created 2007
*/
```

Found in path(s):

```
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/codecs/PushbackString.java
```

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*
* @created 2018
*/
```

Found in path(s):

```
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/logging/slf4j/Slf4JLogBridgeImpl.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/logging/cleaning/NewlineLogScrubber.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/logging/slf4j/Slf4JLogger.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/logging/slf4j/Slf4JLogBridge.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/logging/cleaning/CompositeLogScrubber.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/logging/slf4j/Slf4JLogFactory.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/logging/cleaning/CodecLogScrubber.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/logging/slf4j/Slf4JLogLevelHandlers.java
```

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/logging/slf4j/Slf4JLogLevelHandler.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/logging/cleaning/LogScrubber.java  
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Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/codecs/XMLEntityCodec.java  
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\*  
\* @author Matt Seil (mseil .at. owasp.org)  
\* @created 2017  
\*  
\* @author Jeff Williams (jeff.williams .at. aspectsecurity.com) <a  
\* href="http://www.aspectsecurity.com">Aspect Security</a>  
\* @created 2007  
\*/

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/codecs/HTMLEntityCodec.java

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```
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```

Found in path(s):

```
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/codecs/DB2Codec.java
```

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```
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 *
 * @author Jeff Williams Aspect Security
 * @author Jim Manico (jim@manico.net) Manico.net
 *
 * @created 2007
 */
```

Found in path(s):

```
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/DefaultValidator.java
```

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```
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* @author Jeff Williams Aspect Security
* @author kevin.w.wall@gmail.com
* @created 2007
*/

```

Found in path(s):

```

* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/Encryptor.java

```

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```

/**
 * The method is ESAPI's Key Derivation Function (KDF) that computes a
 * derived key from the { @code keyDerivationKey } for either
 * encryption / decryption or for authentication.
 *
 * <p>
 * CAUTION: If this algorithm for computing derived keys from the
 * key derivation key is <i>ever</i> changed, we risk breaking backward compatibility of being
 * able to decrypt data previously encrypted with earlier / different versions
 * of this method. Therefore, do not change this unless you are 100% certain that
 * what you are doing will NOT change either of the derived keys for
 * ANY "key derivation key" AT ALL!!!
 *
 * <p>
 * NOTE: This method is generally not intended to be called separately.
 * It is used by ESAPI's reference crypto implementation class { @code JavaEncryptor }
 * and might be useful for someone implementing their own replacement class, but
 * generally it is not something that is useful to application client code.
 *
 * @param keyDerivationKey A key used as an input to a key derivation function
 *
 * to derive other keys. This is the key that generally
 *
 * is created using some key generation mechanism such as
 *
 * { @link CryptoHelper#generateSecretKey(String, int)}. The
 *
 * "input" key from which the other keys are derived.
 *
 * The derived key will have the same algorithm type
 *
 * as this key. This KDK cannot be null.
 *
 * @param keySize The cipher's key size (in bits) for the { @code keyDerivationKey }.
 *
 * Must have a minimum size of 56 bits and be an integral multiple of 8-bits.
 *
 * Note: The derived key will have the same size as this.
 *
 * @param purpose The purpose for the derived key. For the ESAPI reference implementation,
 *
 * { @code JavaEncryptor }, this <i>must</i> be either the string "encryption" or
 *
 * "authenticity", where "encryption" is used for creating a derived key to use
 *
 * for confidentiality, and "authenticity" is used for creating a derived key to
 *
 * use with a MAC to ensure message authenticity. However, since parameter serves

```

```

* the same purpose as the "Label" in section 5.1 of NIST SP 800-108, it really can
* be set to anything other than { @code null } or an empty string when called outside
* of { @code JavaEncryptor }.
* @return The derived { @code SecretKey } to be used according
* to the specified purpose.
* @throws NoSuchAlgorithmException The { @code keyDerivationKey } has an unsupported
* encryption algorithm or no current JCE provider supports
* "HmacSHA1".
* @throws EncryptionException If "UTF-8" is not supported as an encoding, then
* this is thrown with the original { @code UnsupportedEncodingException }
* as the cause. (NOTE: This should never happen as "UTF-8" is supposed to
* be a common encoding supported by all Java implementations. Support
* for it is usually in rt.jar.)
* @throws InvalidKeyException Likely indicates a coding error. Should not happen.
* @throws EncryptionException Throw for some precondition violations.
*/

```

Found in path(s):

```

* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/crypto/KeyDerivationFunction.java

```

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// version.

Found in path(s):

```

* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/crypto/CipherTextSerializer.java

```

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\*

\* @author Jeff Williams <a href="http://www.aspectsecurity.com">Aspect Security</a>

\* @created 2007

\*/

/\*\*

\* An `IntrusionException` should be thrown anytime an error condition arises that is likely to be the result of an attack

\* in progress. `IntrusionExceptions` are handled specially by the `IntrusionDetector`, which is equipped to respond by

\* either specially logging the event, logging out the current user, or invalidating the current user's account.

```
* <P>
* Unlike other exceptions in the ESAPI, the IntrusionException is a RuntimeException so that it can be thrown from
* anywhere and will not require a lot of special exception handling.
*
* @author Jeff Williams (jeff.williams@aspectsecurity.com)
*/
```

Found in path(s):

```
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/errors/IntrusionException.java
```

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```
/**
```

```
* OWASP Enterprise Security API (ESAPI)
```

```
*
```

```
* This file is part of the Open Web Application Security Project (OWASP)
```

```
* Enterprise Security API (ESAPI) project. For details, please see
```

```
* http://www.owasp.org/index.php/ESAPI.
```

```
*
```

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```
*
```

```
* @author Mike Fauzy Aspect Security
```

```
* @author Jeff Williams Aspect Security
```

```
* @created 2007
```

```
*/
```

```
/**
```

```
* Return a {@code List} of strings of combined cipher modes that support
```

```
* both confidentiality and authenticity. These would be preferred
```

```
* cipher modes to use if your JCE provider supports them. If such a
```

```
* cipher mode is used, no explicit <i>separate</i> MAC is calculated as part of
```

```
* the {@code CipherText} object upon encryption nor is any attempt made
```

```
* to verify the same on decryption.
```

```
* </p><p>
```

```
* The list is taken from the comma-separated list of cipher modes specified
```

```
* by the ESAPI property
```

```
* {@code Encryptor.cipher_modes.combined_modes}.
```

```
*
```

```
* @return The parsed list of comma-separated cipher modes if the property
```

```
* was specified in {@code ESAPI.properties}; otherwise the empty list is
```

```
* returned.
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/SecurityConfiguration.java
```



No license file was found, but licenses were detected in source scan.

```
/**
 * OWASP Enterprise Security API (ESAPI)
 *
 * This file is part of the Open Web Application Security Project (OWASP)
 * Enterprise Security API (ESAPI) project. For details, please see
 * http://www.owasp.org/index.php/ESAPI.
 *
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 *
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 * LICENSE before you use, modify, and/or redistribute this software.
 *
 * @author Arshan Dabirsiaghi Aspect Security
 * @created 2008
 */
```

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/SafeFile.java

No license file was found, but licenses were detected in source scan.

```
/**
 * OWASP Enterprise Security API (ESAPI)
 *
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 *
 * @author Jeff Williams Aspect Security
 * @created 2009
 */
```

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/PreparedString.java

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```
/**
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```

```

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*
* @author Jeff Williams Aspect Security
* @created 2007
*/
/**
 * { @inheritDoc }
 *
 * The reference implementation sets the work directory, escapes the parameters as per the Codec in use,
 * and then executes the command without using concatenation. The exact, absolute, canonical path of each
 * executable must be listed as an approved executable in the ESAPI properties. The executable must also
 * exist on the disk. All failures will be logged, along with parameters if specified. Set the logParams to false if
 * you are going to invoke this interface with confidential information.
 */

```

Found in path(s):

```

* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/DefaultExecutor.java

```

No license file was found, but licenses were detected in source scan.

```

/**
 * This methods adds a provider to the { @code SecurityManager }
 * either by some generic name or by the class name.
 *
 * <p><p>
 * The following generic JCE provider names are built-in:
 *
 *
 * SunJCE
 * IBMJCE [for WebSphere]
 * GnuCrypto [for use with GNU Compiler for Java, i.e., gcj]
 * BC [i.e., Bouncy Castle]
 * IAIK
 * CryptixCrypto (or Cryptix)
 * ABA
 *
 *
 * Note that neither Cryptix or ABA are actively maintained so
 * it is recommended that you do not start using them for ESAPI
 * unless your application already has a dependency on them. Furthermore,
 * the Cryptix JCE jars likely will not work as the Cryptix code signing
 * certificate has expired as of August 28, 2009. (This likely is true
 * for ABA, but I can't even find a copy to download!). Lastly, the IAIK
 * provider is no longer offered as free, open source. It is not a
 * commercial product. See { @link "http://jce.iaik.tugraz.at/" } for
 * details. While some older versions were offered free, it is not clear
 * whether the accompanying license still allows you to use it, and if

```

\* it does, whether or not the code signing certificate used to sign  
 \* their JCE jar(s) has expired are not. Therefore, if you are looking  
 \* for a FOSS alternative to SunJCE, Bouncy Castle  
 \* (<http://www.bouncycastle.org/>) is probably your best bet. The  
 \* BC provider does support many the "combined cipher modes" that provide  
 \* both confidentiality and authenticity. (See the `ESAPI.properties`  
 \* property `Encryptor.cipher_modes.combined_modes` for details.)

</p><p>  
 \* For those working in the U.S. federal government, it should be noted  
 \* that *none* of the providers listed here are considered validated  
 \* by NIST's Cryptographic Module Validation Program and are therefore  
 \* **not** considered FIPS 140-2 compliant. There are a few approved  
 \* JCE compatible Java libraries that are on NIST's CMVP list, but this  
 \* list changes constantly so they are not listed here. For further details  
 \* on NIST's CMVP, see  
 \* <http://csrc.nist.gov/groups/STM/cmvp/index.html>.

</p><p>  
 \* Finally, if you wish to use some other JCE provider not recognized above,  
 \* you must specify the provider's fully-qualified class name (which in  
 \* turn must have a public, no argument constructor).

</p><p>  
 \* The application must be given the `SecurityPermission` with a  
 \* value of `insertProvider.&lt;provider_name&gt;` (where  
 \* `&lt;provider_name&gt;` is the name of the algorithm provider if  
 \* a security manager is installed.

</p>  
 \*  
 \* `@param alg` Provider Name of the JCE algorithm provider. If the name  
 \* contains a ".", this is interpreted as the name  
 \* of a `java.security.Provider` class name.  
 \* `@param pos` The preference position (starting at 1) that the  
 \* caller would like for this provider. If you wish  
 \* for it to be installed as the *last* provider  
 \* (as of the time of this call), set `pos` to -1.  
 \* `@return` The actual preference position at which the provider was added,  
 \* or -1 if the provider was not added because it is already  
 \* installed.  
 \* `@exception NoSuchProviderException` - thrown if the provider class  
 \* could not be loaded or added to the `SecurityManager` or  
 \* any other reason for failure.  
 \*/

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-  
 jar/org/owasp/esapi/crypto/SecurityProviderLoader.java

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```
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*
* @author Mike Fauzy Aspect Security
* @author Rogan Dawes Aspect Security
* @created 2008
*/
```

Found in path(s):

```
*/opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/ESAPI.java
No license file was found, but licenses were detected in source scan.
```

```
/**
* OWASP Enterprise Security API (ESAPI)
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* Enterprise Security API (ESAPI) project. For details, please see
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*
* @author Mike Fauzy Aspect Security
* @author Jeff Williams Aspect Security
* @created 2007
*/
```

Found in path(s):

```
*/opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/accesscontrol/FileBasedACRs.java
No license file was found, but licenses were detected in source scan.
```

```
/**
* OWASP Enterprise Security API (ESAPI)
*
* This file is part of the Open Web Application Security Project (OWASP)
* Enterprise Security API (ESAPI) project. For details, please see
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```

```
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*
* @author Jeff Williams Aspect Security
* @created 2007
*/
```

Found in path(s):

```
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/Encoder.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/EncryptedProperties.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/AccessController.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/Logger.java
No license file was found, but licenses were detected in source scan.
```

```
/**
* OWASP Enterprise Security API (ESAPI)
*
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* Enterprise Security API (ESAPI) project. For details, please see
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*
* @author Jeff Williams Aspect Security
* @author kevin.w.wall@gmail.com
* @created 2007
*/
// Using cipher mode that supports *both* confidentiality *and* authenticity? If so, then
// If we are using a "preferred" cipher mode--i.e., one that supports *both* confidentiality and
```

Found in path(s):

```
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/reference/crypto/JavaEncryptor.java
No license file was found, but licenses were detected in source scan.
```

```
/**
* OWASP Enterprise Security API (ESAPI)
*
* This file is part of the Open Web Application Security Project (OWASP)
* Enterprise Security API (ESAPI) project. For details, please see
```

\* <a href="http://www.owasp.org/index.php/ESAPI">http://www.owasp.org/index.php/ESAPI</a>.  
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\*  
\* @author Chris Schmidt (chris.schmidt@owasp.org)  
\* @created 2010  
\*/

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/crypto/CryptoDiscoverer.java

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~

~ @author Jeff Williams <a href="http://www.aspectsecurity.com">Aspect Security</a>

~ @created 2007

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/META-INF/esapi.tld

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\*

\* @author Pawan Singh (pawan.singh@owasp.org) <a href="http://www.owasp.org">OWASP</a>

\* @created 2009

\*/

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/util/DefaultMessageUtil.java

No license file was found, but licenses were detected in source scan.

```
/**
 * OWASP Enterprise Security API (ESAPI)
 *
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 * Enterprise Security API (ESAPI) project. For details, please see
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 *
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 *
 * @author Arshan Dabirsiaghi Aspect Security
 * @created 2009
 */
```

Found in path(s):

```
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/actions/Action.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/rules/MustMatchRule.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/actions/DefaultAction.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/rules/EnforceHTTPSRule.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/internal/InterceptingPrintWriter.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/internal/InterceptingServletOutputStream.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/rules/HTTPMethodRule.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/ConfigurationException.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/configuration/AppGuardianConfiguration.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/internal/Parameter.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/rules/AddHTTPOnlyFlagRule.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/rules/PathExtensionRule.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/rules/RestrictUserAgentRule.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/rules/Rule.java
* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/waf/rules/AddHeaderRule.java
```

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/actions/BlockAction.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/actions/RedirectAction.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/internal/InterceptingHttpServletRequest.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/rules/AddSecureFlagRule.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/rules/AuthenticatedRule.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/rules/SimpleVirtualPatchRule.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/internal/InterceptingHTTPServletResponse.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/configuration/ConfigurationParser.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/rules/ReplaceContentRule.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/rules/RuleUtil.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/actions/DoNothingAction.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/rules/DetectOutboundContentRule.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/rules/RestrictContentTypeRule.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/ESAPIWebApplicationFirewallFilter.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/rules/BeanShellRule.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/rules/IPRule.java  
\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/waf/rules/GeneralAttackSignatureRule.java  
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\*



\* @author Jeff Williams <a href="http://www.aspectsecurity.com">Aspect Security</a>  
\* @created February 6, 2009  
\*/

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/filters/ClickjackFilter.java

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<comments>Code License - New BSD License</comments>

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/META-INF/maven/org.owasp.esapi/esapi/pom.xml

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\*

\* @author Jeff Williams <a href="http://www.aspectsecurity.com">Aspect Security</a>

\* @created 2007

\*/

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/HTTPUtilities.java

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\*

\* @author Jeff Williams <a href="http://www.aspectsecurity.com">Aspect

\* Security</a>

\* @created 2007

\*/

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/filters/SecurityWrapperRequest.java

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/filters/SecurityWrapperResponse.java

No license file was found, but licenses were detected in source scan.

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\* Enterprise Security API (ESAPI) project. For details, please see

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\*

\* @author Jeff Williams <a href="http://www.aspectsecurity.com">Aspect Security</a>

\* @created 2007

\*/

/\*\*

\* Executes a system command after checking that the executable exists and

\* escaping all the parameters to ensure that injection is impossible.

\* Implementations must change to the specified working

\* directory before invoking the command.

\*

\* @param executable

\*       the command to execute

\* @param params

\*       the parameters of the command being executed

\* @param workdir

\*       the working directory

\* @param codec

\*       the codec to use to encode for the particular OS in use

\* @param logParams

\*       use false if any parameters contains sensitive or confidential information

\*

\* @return the output of the command being run

\*

\* @throws ExecutorException

\*       the service exception

\*/

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/Executor.java  
No license file was found, but licenses were detected in source scan.

/\*\*

\* <p>Encodes and decodes to and from Base64 notation.</p>

\* <p>Homepage: <a href="http://iharder.net/base64">http://iharder.net/base64</a>

\* (based on version 2.2.2).</p>

\*

\* <p>The <tt>options</tt> parameter, which appears in a few places, is used to pass  
\* several pieces of information to the encoder. In the "higher level" methods such as  
\* encodeBytes( bytes, options ) the options parameter can be used to indicate such  
\* things as first gzipping the bytes before encoding them, not inserting linefeeds  
\* (though that breaks strict Base64 compatibility), and encoding using the URL-safe  
\* and Ordered dialects.</p>

\*

\* <p>The constants defined in Base64 can be OR-ed together to combine options, so you  
\* might make a call like this:</p>

\*

\* <code>String encoded = Base64.encodeBytes( mybytes, Base64.GZIP | Base64.DONT\_BREAK\_LINES  
</code>

\*

\* <p>to compress the data before encoding it and then making the output have no newline characters.</p>

\*

\*

\* <p>

\* Original change Log:

\* </p>

\* <ul>

\* <li>v2.2.2 - Fixed encodeFileToFile and decodeFileToFile to use the  
\* Base64.InputStream class to encode and decode on the fly which uses  
\* less memory than encoding/decoding an entire file into memory before writing.</li>

\* <li>v2.2.1 - Fixed bug using URL\_SAFE and ORDERED encodings. Fixed bug  
\* when using very small files (~< 40 bytes).</li>

\* <li>v2.2 - Added some helper methods for encoding/decoding directly from  
\* one file to the next. Also added a main() method to support command line  
\* encoding/decoding from one file to the next. Also added these Base64 dialects:

\* <ol>

\* <li>The default is RFC3548 format.</li>

\* <li>Calling Base64.setFormat(Base64.BASE64\_FORMAT.URLSAFE\_FORMAT) generates  
\* URL and file name friendly format as described in Section 4 of RFC3548.  
\* http://www.faqs.org/rfcs/rfc3548.html</li>

\* <li>Calling Base64.setFormat(Base64.BASE64\_FORMAT.ORDERED\_FORMAT) generates  
\* URL and file name friendly format that preserves lexical ordering as described  
\* in http://www.faqs.org/qa/rfc-1940.html</li>

\* </ol>

\* Special thanks to Jim Kellerman at <a href="http://www.powerset.com/">http://www.powerset.com/</a>  
\* for contributing the new Base64 dialects.

\* </li>

- \* <li>v2.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience methods for reading and writing to and from files.</li>
- \* <li>v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems with other encodings (like EBCDIC).</li>
- \* <li>v2.0.1 - Fixed an error when decoding a single byte, that is, when the encoded data was a single byte.</li>
- \* <li>v2.0 - I got rid of methods that used booleans to set options. Now everything is more consolidated and cleaner. The code now detects when data that's being decoded is gzip-compressed and will decompress it automatically. Generally things are cleaner. You'll probably have to change some method calls that you were making to support the new options format (<tt>int</tt>s that you "OR" together).</li>
- \* <li>v1.5.1 - Fixed bug when decompressing and decoding to a byte[] using <tt>decode( String s, boolean gzipCompressed )</tt>. Added the ability to "suspend" encoding in the Output Stream so you can turn on and off the encoding if you need to embed base64 data in an otherwise "normal" stream (like an XML file).</li>
- \* <li>v1.5 - Output stream pases on flush() command but doesn't do anything itself. This helps when using GZIP streams. Added the ability to GZip-compress objects before encoding them.</li>
- \* <li>v1.4 - Added helper methods to read/write files.</li>
- \* <li>v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.</li>
- \* <li>v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last buffer being read, if not completely full, was not returned.</li>
- \* <li>v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.</li>
- \* <li>v1.3.3 - Fixed I/O streams which were totally messed up.</li>

\* </ul>

\* <p>

- \* I am placing this code in the Public Domain. Do with it as you will.
- \* This software comes with no guarantees or warranties but with plenty of well-wishing instead!
- \* Please visit <a href="http://iharder.net/base64">http://iharder.net/base64</a> periodically to check for updates or to contribute improvements.

\* </p>

\*

- \* @author Robert Harder
- \* @author rob@iharder.net
- \* @version 2.2.2

\*/

Found in path(s):

- \* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/codecs/Base64.java
- No license file was found, but licenses were detected in source scan.

/\*\*

- \* OWASP Enterprise Security API (ESAPI)

```

*
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*
* @author Jeff Williams Aspect Security
* @created 2007
*/

```

Found in path(s):

```

* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/codecs/CSSCodec.java

```

No license file was found, but licenses were detected in source scan.

```

/**
* The method is ESAPI's Key Derivation Function (KDF) that computes a
* derived key from the { @code keyDerivationKey } for either
* encryption / decryption or for authentication.
*
* <p>
* CAUTION: If this algorithm for computing derived keys from the
* key derivation key is <i>ever</i> changed, we risk breaking backward compatibility of being
* able to decrypt data previously encrypted with earlier / different versions
* of this method. Therefore, do not change this unless you are 100% certain that
* what you are doing will NOT change either of the derived keys for
* ANY "key derivation key" AT ALL!!!
*
* <p>
* NOTE: This method is generally not intended to be called separately.
* It is used by ESAPI's reference crypto implementation class { @code JavaEncryptor }
* and might be useful for someone implementing their own replacement class, but
* generally it is not something that is useful to application client code.
*
* @param keyDerivationKey A key used as an input to a key derivation function
* to derive other keys. This is the key that generally
* is created using some key generation mechanism such as
* { @link #generateSecretKey(String, int) }. The
* "input" key from which the other keys are derived.
* The derived key will have the same algorithm type
* as this key.
* @param keySize The cipher's key size (in bits) for the { @code keyDerivationKey }.
* Must have a minimum size of 56 bits and be an integral multiple of 8-bits.
* Note: The derived key will have the same size as this.
* @param purpose The purpose for the derived key. Must be either the
* string "encryption" or "authenticity". Use "encryption" for

```

```

* creating a derived key to use for confidentiality, and "authenticity"
* for a derived key to use with a MAC to ensure message authenticity.
* @return The derived { @code SecretKey } to be used according
* to the specified purpose. Note that this serves the same purpose
* as "label" in section 5.1 of NIST SP 800-108.
* @throws NoSuchAlgorithmException The { @code keyDerivationKey } has an unsupported
* encryption algorithm or no current JCE provider supports
* "HmacSHA1".
* @throws EncryptionException If "UTF-8" is not supported as an encoding, then
* this is thrown with the original { @code UnsupportedEncodingException }
* as the cause. (NOTE: This should never happen as "UTF-8" is supposed to
* be a common encoding supported by all Java implementations. Support
* for it is usually in rt.jar.)
* @throws InvalidKeyException Likely indicates a coding error. Should not happen.
* @throws EncryptionException Throw for some precondition violations.
* @deprecated Use { @code KeyDerivationFunction } instead. This method will be removed as of
* ESAPI release 2.3 so if you are using this, please change your code.
*/
/**
* Return true if specified cipher mode is one of those specified in the
* { @code ESAPI.properties } file that supports both confidentiality
* and authenticity (i.e., a "combined cipher mode" as NIST refers
* to it).
* @param cipherMode The specified cipher mode to be used for the encryption
* or decryption operation.
* @return true if the specified cipher mode is in the comma-separated list
* of cipher modes supporting both confidentiality and authenticity;
* otherwise false.
* @see org.owasp.esapi.SecurityConfiguration#getCombinedCipherModes()
*/

```

Found in path(s):

```

* /opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/crypto/CryptoHelper.java

```

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*

```

\* @author Matt Seil (mseil .at. owasp.org)  
\* @created 2017  
\*/

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/codecs/AbstractCodec.java

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```
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 *
 * @author Jeff Williams Aspect Security
 *
 * @created 2007
 */
```

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/ValidationErrorMessageList.java

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```
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 *
 * @author Rogan DawesAspect Security
 * @created 2008
 */
```

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/LogFactory.java

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\*

\* @created 2010

\*/

// Because attribute values may be confidential, we don't want to log them!

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/crypto/CryptoToken.java

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\*

\* @author Jeff Williams <a href="http://www.aspectsecurity.com">Aspect Security</a>

\* @created 2007

\*/

Found in path(s):

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/errors/EncryptionRuntimeException.java

\* /opt/cola/permits/1135894973\_1613626862.75/0/esapi-2-2-0-0-sources-3-jar/org/owasp/esapi/errors/EnterpriseSecurityRuntimeException.java

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```
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*
* @author Matt Seil (mseil .at. owasp.org)
* @created 2017
*
*/
```

Found in path(s):

```
*/opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/codecs/AbstractPushbackSequence.java
*/opt/cola/permits/1135894973_1613626862.75/0/esapi-2-2-0-0-sources-3-
jar/org/owasp/esapi/codecs/PushbackSequence.java
```

## 1.698 bcel 2.7.2

### 1.698.1 Available under license :

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* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
/*
* $Id: Version.src 1225426 2011-12-29 04:13:08Z mrglavas $
*/
```

```
package org.apache.xalan;
```

```
/**
```

```
* Administrative class to keep track of the version number of
* the Xalan release.
* <P>This class implements the upcoming standard of having
* org.apache.project-name.Version.getVersion() be a standard way
* to get version information. This class will replace the older
* org.apache.xalan.processor.Version class.</P>
* <P>See also: org/apache/xalan/res/XSLTInfo.properties for
* information about the version of the XSLT spec we support.</P>
* @xsl.usage general
*/
```

```
public class Version
```

```
{
```

```
/**
```

```
* Get the basic version string for the current Xalan release.
* Version String formatted like
* <CODE>"Xalan Java v.r[.dd] Dnn]"</CODE>.
*
* Futurework: have this read version info from jar manifest.
*
* @return String denoting our current version
*/
```

```
public static String getVersion()
```

```
{
```

```
 return getProduct()+" "+getImplementationLanguage()+" "
 +getMajorVersionNum()+"."+getReleaseVersionNum()+"."
 +((getDevelopmentVersionNum() > 0) ?
 ("D"+getDevelopmentVersionNum()) : (""+getMaintenanceVersionNum()));
```

```
}
```

```
/**
```

```
* Print the processor version to the command line.
*
* @param argv command line arguments, unused.
*/
```

```
public static void main(String argv[])
```

```
{
```

```
 System.out.println(getVersion());
```

```
}
```

```
/**
```

```
* Name of product: Xalan.
*/
```

```
public static String getProduct()
```

```
{
```

```

 return "Xalan";
}

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
 return "Java";
}

/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 *
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
public static int getMajorVersionNum()
{
 return @version.VERSION@;
}

/**
 * Release Number.
 * Release number. This changes when:
 * - a new set of functionality is to be added, eg,
 * implementation of a new W3C specification.
 * - API or behaviour change.
 * - its designated as a reference release.
 */
public static int getReleaseVersionNum()
{
 return @version.RELEASE@;
}

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.

```

\* When missing, it designates the final and complete  
\* development drop for a release.

\*/

```
public static int getMaintenanceVersionNum()
{
 return @version.MINOR@;
}
```

/\*\*

\* Development Drop Number.

\* Optional identifier designates development drop of  
\* a specific release. D01 is the first development drop  
\* of a new release.

\*

\* Development drops are works in progress towards a  
\* completed, final release. A specific development drop  
\* may not completely implement all aspects of a new  
\* feature, which may take several development drops to  
\* complete. At the point of the final drop for the  
\* release, the D suffix will be omitted.

\*

\* Each 'D' drops can contain functional enhancements as  
\* well as defect fixes. 'D' drops may not be as stable as  
\* the final releases.

\*/

```
public static int getDevelopmentVersionNum()
{
 try {
 if ((new String("@version.DEVELOPER@").length() == 0)
 return 0;
 else
 return Integer.parseInt("@version.DEVELOPER@");
 } catch (NumberFormatException nfe) {
 return 0;
 }
}
```

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.src

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\*/  
/\*\*

\* This is a special exception that is used to stop parsing when  
\* search for an element. For instance, when searching for xml:stylesheet  
\* PIs, it is used to stop the parse once the document element is found.  
\* @see StylesheetPIHandler  
\* @xsl.usage internal  
\*/

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/utils/StopParseException.java

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\*/

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/XPathLexer.java

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* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
/*
* $Id: Version.src 468654 2006-10-28 07:09:23Z minchau $
*/
package org.apache.xml.serializer;

/**
 * Administrative class to keep track of the version number of
 * the Serializer release.
 * <P>This class implements the upcoming standard of having
 * org.apache.project-name.Version.getVersion() be a standard way
 * to get version information.</P>
 * @xsl.usage general
 */
public final class Version
{

/**
 * Get the basic version string for the current Serializer.
 * Version String formatted like
 * <CODE>"Serializer Java v.r[.dd| Dnm]"</CODE>.
 *
 * Futurework: have this read version info from jar manifest.
 *
 * @return String denoting our current version
 */
public static String getVersion()
{
 return getProduct()+" "+getImplementationLanguage()+" "
 +getMajorVersionNum()+"."+getReleaseVersionNum()+"."
 +((getDevelopmentVersionNum() > 0) ?
 ("D"+getDevelopmentVersionNum()) : (""+getMaintenanceVersionNum()));
}
}

```

```

/**
 * Print the processor version to the command line.
 *
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
 System.out.println(getVersion());
}

/**
 * Name of product: Serializer.
 */
public static String getProduct()
{
 return "Serializer";
}

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
 return "Java";
}

/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 *
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
public static int getMajorVersionNum()
{
 return @version.VERSION@;
}

/**
 * Release Number.
 * Release number. This changes when:
 * - a new set of functionality is to be added, eg,

```

```

* implementation of a new W3C specification.
* - API or behaviour change.
* - its designated as a reference release.
*/
public static int getReleaseVersionNum()
{
 return @version.RELEASE@;
}

/**
* Maintenance Drop Number.
* Optional identifier used to designate maintenance
* drop applied to a specific release and contains
* fixes for defects reported. It maintains compatibility
* with the release and contains no API changes.
* When missing, it designates the final and complete
* development drop for a release.
*/
public static int getMaintenanceVersionNum()
{
 return @version.MINOR@;
}

/**
* Development Drop Number.
* Optional identifier designates development drop of
* a specific release. D01 is the first development drop
* of a new release.
*
* Development drops are works in progress towards a
* completed, final release. A specific development drop
* may not completely implement all aspects of a new
* feature, which may take several development drops to
* complete. At the point of the final drop for the
* release, the D suffix will be omitted.
*
* Each 'D' drops can contain functional enhancements as
* well as defect fixes. 'D' drops may not be as stable as
* the final releases.
*/
public static int getDevelopmentVersionNum()
{
 try {
 if ((new String("@version.DEVELOPER@")).length() == 0)
 return 0;
 else
 return Integer.parseInt("@version.DEVELOPER@");
 } catch (NumberFormatException nfe) {

```



```
 return 0;
}
}
}
```

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.src  
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 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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 * limitations under the License.
 */
/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 *
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
```

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/XSLProcessorVersion.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.java  
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* limitations under the License.
*/
// Attribution to: "Voytenko, Dimitry" <DVoytenko@SECTORBASE.COM>
```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/ToHTMLStream.java
```

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* limitations under the License.
*/
// Proprietary
/** The 'document-location()' id (Proprietary). */
```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/compiler/FunctionTable.java
```

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Found in path(s):

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Encodings.properties
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/XMLEntities.properties
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output\_text.properties
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTInfo.properties
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output\_xml.properties
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Makefile.inc
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output\_unknown.properties
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/HTMLEntities.properties
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output\_html.properties

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\*/

/\*

- \* \$Id: xpath.cup 1225752 2011-12-30 04:12:46Z mrglavas \$

\*/

/\*

- \* @author Jacek Ambroziak

```
* @author Santiago Pericas-Geertsen
* @author Morten Jorgensen
* @author G. Todd Miller
*/
```

```
package org.apache.xalan.xsltc.compiler;
```

```
import java.util.Stack;
import java.util.Vector;
import java.io.StringReader;
import java_cup.runtime.*;
```

```
import org.apache.xml.dtm.DTM;
import org.apache.xalan.xsltc.DOM;
import org.apache.xml.dtm.Axis;
import org.apache.xalan.xsltc.runtime.Operators;
import org.apache.xalan.xsltc.compiler.util.ErrorMsg;
```

```
parser code {:
```

```
/**
 * Used by function calls with no args.
 */
static public final Vector EmptyArgs = new Vector(0);
```

```
/**
 * Reference to non-existing variable.
 */
static public final VariableRef DummyVarRef = null;
```

```
/**
 * Reference to the Parser class.
 */
```

```
private Parser _parser;
private XSLTC _xsltc;
```

```
/**
 * String representation of the expression being parsed.
 */
private String _expression;
```

```
/**
 * Line number where this expression/pattern was declared.
 */
private int _lineNumber = 0;
```

```
/**
 * Reference to the symbol table.
 */
```

```

public SymbolTable _symbolTable;

public XPathParser(Parser parser) {
 _parser = parser;
 _xslt = parser.getXSLTC();
 _symbolTable = parser.getSymbolTable();
}

public int getLineNumber() {
 return _lineNumber;
}

public QName getQNameIgnoreDefaultNs(String name) {
 return _parser.getQNameIgnoreDefaultNs(name);
}

public QName getQName(String namespace, String prefix, String localname) {
 return _parser.getQName(namespace, prefix, localname);
}

public void setMultiDocument(boolean flag) {
 _xslt.setMultiDocument(flag);
}

public void setCallsNodeset(boolean flag) {
 _xslt.setCallsNodeset(flag);
}

public void setHasIdCall(boolean flag) {
 _xslt.setHasIdCall(flag);
}

/**
 * This method is similar to findNodeType(int, Object) except that it
 * creates a StepPattern instead of just returning a node type. It also
 * differs in the way it handles "{uri}:*" and "{uri}:@*". The last two
 * patterns are expanded as "[namespace-uri() = 'uri']" and
 * "@*[namespace-uri() = 'uri']", respectively. This expansion considerably
 * simplifies the grouping of patterns in the Mode class. For this
 * expansion to be correct, the priority of the pattern/template must be
 * set to -0.25 (when no other predicates are present).
 */
public StepPattern createStepPattern(int axis, Object test, Vector predicates) {
int nodeType;

if (test == null) { // ""
 nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE :

```

```

(axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;

return new StepPattern(axis, nodeType, predicates);
}
else if (test instanceof Integer) {
nodeType = ((Integer) test).intValue();

return new StepPattern(axis, nodeType, predicates);
}
else {
QName name = (QName)test;
boolean setPriority = false;

if (axis == Axis.NAMESPACE) {
nodeType = (name.toString().equals("*")) ? -1
: _xsltC.registerNamespacePrefix(name);
}
else {
final String uri = name.getNamespace();
final String local = name.getLocalPart();
final QName namespace_uri =
_parser.getQNameIgnoreDefaultNs("namespace-uri");

// Expand {uri}:* to *[namespace-uri = 'uri'] - same for @*
if (uri != null && (local.equals("*") || local.equals("@*"))) {
if (predicates == null) {
predicates = new Vector(2);
}

// Priority is set by hand if no other predicates exist
setPriority = (predicates.size() == 0);

predicates.add(
new Predicate(
new EqualityExpr(Operators.EQ,
new NamespaceUriCall(namespace_uri),
new LiteralExpr(uri)));
}

if (local.equals("*")) {
nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
: NodeTest.ELEMENT;
}
else if (local.equals("@*")) {
nodeType = NodeTest.ATTRIBUTE;
}
else {
nodeType = (axis == Axis.ATTRIBUTE) ? _xsltC.registerAttribute(name)

```

```

: _xslt.registerElement(name);
}
}

final StepPattern result = new StepPattern(axis, nodeType, predicates);

// Set priority for case prefix:* and prefix:@* (no predicates)
if (setPriority) {
result.setPriority(-0.25);
}

return result;
}
}

public int findNodeType(int axis, Object test) {
if (test == null) { // *
return (axis == Axis.ATTRIBUTE) ?
NodeTest.ATTRIBUTE :
(axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;
}
else if (test instanceof Integer) {
return ((Integer)test).intValue();
}
else {
QName name = (QName)test;

if (axis == Axis.NAMESPACE) {
return (name.toString().equals("*")) ? -1
: _xslt.registerNamespacePrefix(name);
}

if (name.getNamespace() == null) {
final String local = name.getLocalPart();

if (local.equals("*")) {
return (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
: NodeTest.ELEMENT;
}
else if (local.equals("@*")) {
return NodeTest.ATTRIBUTE;
}
}

return (axis == Axis.ATTRIBUTE) ? _xslt.registerAttribute(name)
: _xslt.registerElement(name);
}
}
}

```

```

/**
 * Parse the expression passed to the current scanner. If this
 * expression contains references to local variables and it will be
 * compiled in an external module (not in the main class) request
 * the current template to create a new variable stack frame.
 *
 * @param lineNumber Line where the current expression is defined.
 * @param external Set to <tt>true</tt> if this expression is
 * compiled in a separate module.
 *
 */
public Symbol parse(String expression, int lineNumber) throws Exception {
 try {
 _expression = expression;
 _lineNumber = lineNumber;
 return super.parse();
 }
 catch (IllegalCharException e) {
 ErrorMsg err = new ErrorMsg(ErrorMsg.ILLEGAL_CHAR_ERR,
 lineNumber, e.getMessage());
 _parser.reportError(Constants.FATAL, err);
 }
 return null;
}

/**
 * Lookup a variable or parameter in the symbol table given its name.
 *
 * @param name Name of the symbol being looked up.
 */
final SyntaxTreeNode lookupName(QName name) {
 // Is it a local var or param ?
 final SyntaxTreeNode result = _parser.lookupVariable(name);
 if (result != null)
 return(result);
 else
 return(_symbolTable.lookupName(name));
}

public final void addError(ErrorMsg error) {
 _parser.reportError(Constants.ERROR, error);
}

public void report_error(String message, Object info) {
 final ErrorMsg err = new ErrorMsg(ErrorMsg.SYNTAX_ERR, _lineNumber,
 _expression);
 _parser.reportError(Constants.FATAL, err);
}

```



```

}

public void report_fatal_error(String message, Object info) {
 // empty
}

public RelativeLocationPath insertStep(Step step, RelativeLocationPath rlp) {
if (rlp instanceof Step) {
 return new ParentLocationPath(step, (Step) rlp);
}
else if (rlp instanceof ParentLocationPath) {
 final ParentLocationPath plp = (ParentLocationPath) rlp;
 final RelativeLocationPath newrlp = insertStep(step, plp.getPath());
 return new ParentLocationPath(newrlp, plp.getStep());
}
else {
 addError(new ErrorMsg(ErrorMsg.INTERNAL_ERR, "XPathParser.insertStep"));
 return rlp;
}
}

/**
 * Returns true if the axis applies to elements only. The axes
 * child, attribute, namespace, descendant result in non-empty
 * nodesets only if the context node is of type element.
 */
public boolean isElementAxis(int axis) {
return (axis == Axis.CHILD || axis == Axis.ATTRIBUTE ||
axis == Axis.NAMESPACE || axis == Axis.DESCENDANT);
}
:}

terminal SLASH, DOT, LBRACK, RBRACK, VBAR, LPAREN, RPAREN, STAR, COMMA;
terminal DOLLAR, ATSIGN;
terminal DDOT, DCOLON, DSLASH;
terminal EQ, NE;
terminal LT, GT, LE, GE;
terminal PLUS, MINUS, DIV, MOD, MULT;
terminal String Literal;
terminal String QNAME;
terminal ID, KEY, TEXT, NODE, OR, AND, COMMENT, PI, PIPARAM, PRECEDINGSIBLING;
terminal SELF, PARENT, CHILD, ATTRIBUTE, ANCESTOR, ANCESTORORSELF, DESCENDANT;
terminal DESCENDANTORSELF, FOLLOWING, FOLLOWINGSIBLING, NAMESPACE, PRECEDING;
terminal Double REAL;
terminal Long INT;
terminal PATTERN, EXPRESSION;

non terminal SyntaxTreeNode TopLevel;

```

non terminal Expression Expr, Argument, LocationPath;  
non terminal Expression Predicate, FilterExpr, Step;  
non terminal Expression OrExpr, AndExpr, EqualityExpr;  
non terminal Expression RelationalExpr, AdditiveExpr;  
non terminal Expression MultiplicativeExpr, UnaryExpr;  
non terminal Expression VariableReference, FunctionCall;  
non terminal Expression PrimaryExpr, UnionExpr, PathExpr, AbbreviatedStep;  
non terminal Expression RelativeLocationPath, AbbreviatedRelativeLocationPath;  
non terminal Expression AbsoluteLocationPath, AbbreviatedAbsoluteLocationPath;

non terminal Object NodeTest, NameTest;

non terminal IdKeyPattern IdKeyPattern;  
non terminal Pattern Pattern;  
non terminal Pattern LocationPathPattern;  
non terminal StepPattern ProcessingInstructionPattern;  
non terminal RelativePathPattern RelativePathPattern;  
non terminal StepPattern StepPattern;  
non terminal Object NodeTestPattern, NameTestPattern;

non terminal Vector Predicates, NonemptyArgumentList;  
non terminal QName QName, FunctionName, VariableName;  
non terminal Integer AxisName, AxisSpecifier;  
non terminal Integer ChildOrAttributeAxisSpecifier;

precedence left VBAR;  
precedence left OR;  
precedence left AND;  
precedence nonassoc EQ, NE;  
precedence left LT, GT, LE, GE;

precedence left PLUS, MINUS;  
precedence left DIV, MOD, MULT;  
precedence left DOLLAR;  
precedence left ATSIGN;  
precedence right DCOLON;

start with TopLevel;

TopLevel ::= PATTERN Pattern:pattern

{ : RESULT = pattern; ; }

| EXPRESSION Expr:expr

{ : RESULT = expr; ; };

/\* ----- Patterns ----- \*/

```

Pattern ::= LocationPathPattern:lpp
 { : RESULT = lpp; :}

 | LocationPathPattern:lpp VBAR Pattern:p
 { : RESULT = new AlternativePattern(lpp, p); :};

LocationPathPattern ::= SLASH
 { : RESULT = new AbsolutePathPattern(null); :}

 | SLASH RelativePathPattern:rpp
 { : RESULT = new AbsolutePathPattern(rpp); :}

 | IdKeyPattern:ikp
 { : RESULT = ikp; :}

 | IdKeyPattern:ikp SLASH RelativePathPattern:rpp
 { : RESULT = new ParentPattern(ikp, rpp); :}

 | IdKeyPattern:ikp DSLASH RelativePathPattern:rpp
 { : RESULT = new AncestorPattern(ikp, rpp); :}

 | DSLASH RelativePathPattern:rpp
 { : RESULT = new AncestorPattern(rpp); :}

 | RelativePathPattern:rpp
 { : RESULT = rpp; :};

IdKeyPattern ::= ID LPAREN Literal:l RPAREN
 { : RESULT = new IdPattern(l);
 parser.setHasIdCall(true);
 :}

 | KEY LPAREN Literal:l1 COMMA Literal:l2 RPAREN
 { : RESULT = new KeyPattern(l1, l2); :};

ProcessingInstructionPattern ::= PIPARAM LPAREN Literal:l RPAREN
 { : RESULT = new ProcessingInstructionPattern(l); :};

RelativePathPattern ::= StepPattern:sp
 { : RESULT = sp; :}

 | StepPattern:sp SLASH RelativePathPattern:rpp
 { : RESULT = new ParentPattern(sp, rpp); :}

 | StepPattern:sp DSLASH RelativePathPattern:rpp
 { : RESULT = new AncestorPattern(sp, rpp); :};

StepPattern ::= NodeTestPattern:nt

```

```

 {
 RESULT = parser.createStepPattern(Axis.CHILD, nt, null);
 :}

 | NodeTestPattern:nt Predicates:pp
 {
 RESULT = parser.createStepPattern(Axis.CHILD, nt, pp);
 :}

 | ProcessingInstructionPattern:pip
 { : RESULT = pip; :}

 | ProcessingInstructionPattern:pip Predicates:pp
 { : RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp); :}

 | ChildOrAttributeAxisSpecifier:axis NodeTestPattern:nt
 {
 RESULT = parser.createStepPattern(axis.intValue(), nt, null);
 :}

 | ChildOrAttributeAxisSpecifier:axis
 NodeTestPattern:nt Predicates:pp
 {
 RESULT = parser.createStepPattern(axis.intValue(), nt, pp);
 :}

 | ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
 {
 RESULT = pip; // TODO: report error if axis is attribute
 :}

 | ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
 Predicates:pp
 {
 // TODO: report error if axis is attribute
 RESULT = (ProcessingInstructionPattern)pip.setPredicates(pp);
 :};

NodeTestPattern ::= NameTestPattern:nt
 { : RESULT = nt; :}

 | NODE
 { : RESULT = new Integer(NodeTest.ANODE); :}

 | TEXT
 { : RESULT = new Integer(NodeTest.TEXT); :}

 | COMMENT

```

```

 { : RESULT = new Integer(NodeTest.COMMENT); : }

 | PI
 { : RESULT = new Integer(NodeTest.PI); : };

NameTestPattern ::= STAR
 { : RESULT = null; : }

 | QName:qn
 { : RESULT = qn; : };

ChildOrAttributeAxisSpecifier ::= ATSIGN
 { : RESULT = new Integer(Axis.ATTRIBUTE); : }

 | CHILD DCOLON
 { : RESULT = new Integer(Axis.CHILD); : }

 | ATTRIBUTE DCOLON
 { : RESULT = new Integer(Axis.ATTRIBUTE); : };

Predicates ::= Predicate:p
 { :
 Vector temp = new Vector();
 temp.addElement(p);
 RESULT = temp;
 : }

 | Predicate:p Predicates:pp
 { : pp.insertElementAt(p, 0); RESULT = pp; : };

Predicate ::= LBRACK Expr:e RBRACK
 { :
 RESULT = new Predicate(e);
 : };

/* ----- Expressions ----- */

Expr ::= OrExpr:ex
 { : RESULT = ex; : };

OrExpr ::= AndExpr:ae
 { : RESULT = ae; : }

 | OrExpr:oe OR AndExpr:ae
 { : RESULT = new LogicalExpr(LogicalExpr.OR, oe, ae); : };

AndExpr ::= EqualityExpr:e
 { : RESULT = e; : }

```

| AndExpr:ae AND EqualityExpr:ee  
{: RESULT = new LogicalExpr(LogicalExpr.AND, ae, ee); :};

EqualityExpr ::= RelationalExpr:re  
{: RESULT = re; :}

| EqualityExpr:ee EQ RelationalExpr:re  
{: RESULT = new EqualityExpr(Operators.EQ, ee, re); :}

| EqualityExpr:ee NE RelationalExpr:re  
{: RESULT = new EqualityExpr(Operators.NE, ee, re); :};

RelationalExpr ::= AdditiveExpr:ae  
{: RESULT = ae; :}

| RelationalExpr:re LT AdditiveExpr:ae  
{: RESULT = new RelationalExpr(Operators.LT, re, ae); :}

| RelationalExpr:re GT AdditiveExpr:ae  
{: RESULT = new RelationalExpr(Operators.GT, re, ae); :}

| RelationalExpr:re LE AdditiveExpr:ae  
{: RESULT = new RelationalExpr(Operators.LE, re, ae); :}

| RelationalExpr:re GE AdditiveExpr:ae  
{: RESULT = new RelationalExpr(Operators.GE, re, ae); :};

AdditiveExpr ::= MultiplicativeExpr:me  
{: RESULT = me; :}

| AdditiveExpr:ae PLUS MultiplicativeExpr:me  
{: RESULT = new BinOpExpr(BinOpExpr.PLUS, ae, me); :}

| AdditiveExpr:ae MINUS MultiplicativeExpr:me  
{: RESULT = new BinOpExpr(BinOpExpr.MINUS, ae, me); :};

MultiplicativeExpr ::= UnaryExpr:ue  
{: RESULT = ue; :}

| MultiplicativeExpr:me MULT UnaryExpr:ue  
{: RESULT = new BinOpExpr(BinOpExpr.TIMES, me, ue); :}

| MultiplicativeExpr:me DIV UnaryExpr:ue  
{: RESULT = new BinOpExpr(BinOpExpr.DIV, me, ue); :}

| MultiplicativeExpr:me MOD UnaryExpr:ue  
{: RESULT = new BinOpExpr(BinOpExpr.MOD, me, ue); :};

```

UnaryExpr ::= UnionExpr:ue
 { : RESULT = ue; : }

 | MINUS UnaryExpr:ue
 { : RESULT = new UnaryOpExpr(ue); : };

UnionExpr ::= PathExpr:pe
 { : RESULT = pe; : }

 | PathExpr:pe VBAR UnionExpr:rest
 { : RESULT = new UnionPathExpr(pe, rest); : };

PathExpr ::= LocationPath:lp
 { : RESULT = lp; : }

 | FilterExpr:fexp
 { : RESULT = fexp; : }

 | FilterExpr:fexp SLASH RelativeLocationPath:rlp
 { : RESULT = new FilterParentPath(fexp, rlp); : }

 | FilterExpr:fexp DSLASH RelativeLocationPath:rlp
 { :
 //
 // Expand '/' into '/descendant-or-self::node()' or
 // into '/descendant-or-self::*'
 //
 int nodeType = DOM.NO_TYPE;
 if (rlp instanceof Step &&
 parser.isElementAxis(((Step) rlp).getAxis()))
 {
 nodeType = DTM.ELEMENT_NODE;
 }
 final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
 FilterParentPath fpp = new FilterParentPath(fexp, step);
 fpp = new FilterParentPath(fpp, rlp);
 if (fexp instanceof KeyCall == false) {
 fpp.setDescendantAxis();
 }
 RESULT = fpp;
 };

LocationPath ::= RelativeLocationPath:rlp
 { : RESULT = rlp; : }

 | AbsoluteLocationPath:alp
 { : RESULT = alp; : };

```

```

RelativeLocationPath ::= Step:step
 {: RESULT = step; :}

 | RelativeLocationPath:rlp SLASH Step:step
 {:
 if (rlp instanceof Step && ((Step) rlp).isAbbreviatedDot()) {
 RESULT = step; // Remove '.' from the middle
 }
 else if (((Step) step).isAbbreviatedDot()) {
 RESULT = rlp; // Remove '.' from the end
 }
 else {
 RESULT =
 new ParentLocationPath((RelativeLocationPath) rlp, step);
 }
 :}

 | AbbreviatedRelativeLocationPath:arlp
 {: RESULT = arlp; :};

AbsoluteLocationPath ::= SLASH
 {: RESULT = new AbsoluteLocationPath(); :}

 | SLASH RelativeLocationPath:rlp
 {: RESULT = new AbsoluteLocationPath(rlp); :}

 | AbbreviatedAbsoluteLocationPath:aalp
 {: RESULT = aalp; :};

AbbreviatedRelativeLocationPath ::= RelativeLocationPath:rlp DSLASH Step:step
 {:
 final Step right = (Step)step;
 final int axis = right.getAxis();
 final int type = right.getNodeType();
 final Vector predicates = right.getPredicates();

 if ((axis == Axis.CHILD) && (type != NodeTest.ATTRIBUTE)) {
 // Compress '//child:E' into 'descendant::E' - if possible
 if (predicates == null) {
 right.setAxis(Axis.DESCENDANT);
 if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
 RESULT = right;
 }
 else {
 // Expand 'rlp//child::E' into 'rlp/descendant::E'
 RelativeLocationPath left = (RelativeLocationPath)rlp;
 RESULT = new ParentLocationPath(left, right);
 }
 }
 }
 :}

```



```

 }
 }
 else {
 // Expand './step' -> 'descendant-or-self::*step'
 if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
 Step left = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
 RESULT = new ParentLocationPath(left, right);
 }
 else {
 // Expand 'rlp/step' -> 'rlp/descendant-or-self::*step'
 RelativeLocationPath left = (RelativeLocationPath)rlp;
 Step mid = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
 ParentLocationPath ppl = new ParentLocationPath(mid, right);
 RESULT = new ParentLocationPath(left, ppl);
 }
 }
}
else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {
 // Expand 'rlp/step' -> 'rlp/descendant-or-self::*step'
 RelativeLocationPath left = (RelativeLocationPath)rlp;
 Step middle = new Step(Axis.DESCENDANTORSELF,
DTM.ELEMENT_NODE, null);
 ParentLocationPath ppl = new ParentLocationPath(middle, right);
 RESULT = new ParentLocationPath(left, ppl);
}
else {
 // Expand 'rlp/step' -> 'rlp/descendant-or-self::node()/step'
 RelativeLocationPath left = (RelativeLocationPath)rlp;
 Step middle = new Step(Axis.DESCENDANTORSELF,
DOM.NO_TYPE, null);
 ParentLocationPath ppl = new ParentLocationPath(middle, right);
 RESULT = new ParentLocationPath(left, ppl);
}
};

```

AbbreviatedAbsolutePath ::= DSLASH RelativeLocationPath:rlp

```

{:
 //
 // Expand '/' into '/descendant-or-self::node()/' or
 // into '/descendant-or-self::*/'
 //
 int nodeType = DOM.NO_TYPE;
 if (rlp instanceof Step &&
 parser.isElementAxis(((Step) rlp).getAxis()))
 {

```

```

 nodeType = DTM.ELEMENT_NODE;
 }
 final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);
 RESULT = new AbsoluteLocationPath(parser.insertStep(step,
(RelativeLocationPath) rlp));
:};

```

Step ::= NodeTest:ntest

```

{:
 if (ntest instanceof Step) {
 RESULT = (Step)ntest;
 }
 else {
 RESULT = new Step(Axis.CHILD,
 parser.findNodeType(Axis.CHILD, ntest),
 null);
 }
:}

```

| NodeTest:ntest Predicates:pp

```

{:
 if (ntest instanceof Step) {
 Step step = (Step)ntest;
 step.addPredicates(pp);
 RESULT = (Step)ntest;
 }
 else {
 RESULT = new Step(Axis.CHILD,
 parser.findNodeType(Axis.CHILD, ntest), pp);
 }
:}

```

| AxisSpecifier:axis NodeTest:ntest Predicates:pp

```

{: RESULT = new Step(axis.intValue(),
 parser.findNodeType(axis.intValue(), ntest),
 pp);
:}

```

| AxisSpecifier:axis NodeTest:ntest

```

{: RESULT = new Step(axis.intValue(),
 parser.findNodeType(axis.intValue(), ntest),
 null);
:}

```

| AbbreviatedStep:abbrev

```

{: RESULT = abbrev; :};

```

AxisSpecifier ::= AxisName:an DCOLON

{: RESULT = an; :}

| ATSIGN

{: RESULT = new Integer(Axis.ATTRIBUTE); :};

AxisName ::= ANCESTOR

{: RESULT = new Integer(Axis.ANCESTOR); :}

| ANCESTORORSELF

{: RESULT = new Integer(Axis.ANCESTORORSELF); :}

| ATTRIBUTE

{: RESULT = new Integer(Axis.ATTRIBUTE); :}

| CHILD

{: RESULT = new Integer(Axis.CHILD); :}

| DESCENDANT

{: RESULT = new Integer(Axis.DECENDANT); :}

| DESCENDANTORSELF

{: RESULT = new Integer(Axis.DECENDANTORSELF); :}

| FOLLOWING

{: RESULT = new Integer(Axis.FOLLOWING); :}

| FOLLOWINGSIBLING

{: RESULT = new Integer(Axis.FOLLOWINGSIBLING); :}

| NAMESPACE

{: RESULT = new Integer(Axis.NAMESPACE); :}

| PARENT

{: RESULT = new Integer(Axis.PARENT); :}

| PRECEDING

{: RESULT = new Integer(Axis.PRECEDING); :}

| PRECEDINGSIBLING

{: RESULT = new Integer(Axis.PRECEDINGSIBLING); :}

| SELF

{: RESULT = new Integer(Axis.SELF); :};

AbbreviatedStep ::= DOT

{: RESULT = new Step(Axis.SELF, NodeTest.ANODE, null); :}

| DDOT

```
{: RESULT = new Step(Axis.PARENT, NodeTest.ANODE, null); :};
```

```
FilterExpr ::= PrimaryExpr:primary
```

```
{: RESULT = primary; :}
```

```
| PrimaryExpr:primary Predicates:pp
```

```
{: RESULT = new FilterExpr(primary, pp); :};
```

```
PrimaryExpr ::= VariableReference:vr
```

```
{: RESULT = vr; :}
```

```
| LPAREN Expr:ex RPAREN
```

```
{: RESULT = ex; :}
```

```
| Literal:string
```

```
{:
```

```
/*
```

```
* If the string appears to have the syntax of a QName, store
* namespace info in the literal expression. This is used for
* element-available and function-available functions, among
* others. Also, the default namespace must be ignored.
```

```
*/
```

```
String namespace = null;
```

```
final int index = string.lastIndexOf(':');
```

```
if (index > 0) {
```

```
 final String prefix = string.substring(0, index);
```

```
 namespace = parser._symbolTable.lookupNamespace(prefix);
```

```
}
```

```
RESULT = (namespace == null) ? new LiteralExpr(string)
```

```
 : new LiteralExpr(string, namespace);
```

```
:}
```

```
| INT:num
```

```
{:
```

```
long value = num.longValue();
```

```
if (value < Integer.MIN_VALUE || value > Integer.MAX_VALUE) {
```

```
 RESULT = new RealExpr(value);
```

```
}
```

```
else {
```

```
 if (num.doubleValue() == -0)
```

```
 RESULT = new RealExpr(num.doubleValue());
```

```
 else if (num.intValue() == 0)
```

```
 RESULT = new IntExpr(num.intValue());
```

```
 else if (num.doubleValue() == 0.0)
```

```
 RESULT = new RealExpr(num.doubleValue());
```

```
 else
```

```
 RESULT = new IntExpr(num.intValue());
```

```

}
:}

| REAL:num
{: RESULT = new RealExpr(num.doubleValue()); :}

| FunctionCall:fc
{: RESULT = fc; :};

```

```

VariableReference ::= DOLLAR VariableName:varName
{:
 // An empty QName prefix for a variable or parameter reference
 // should map to the null namespace and not the default URI.
 SyntaxTreeNode node = parser.lookupName(varName);

 if (node != null) {
 if (node instanceof Variable) {
 RESULT = new VariableRef((Variable)node);
 }
 else if (node instanceof Param) {
 RESULT = new ParameterRef((Param)node);
 }
 else {
 RESULT = new UnresolvedRef(varName);
 }
 }

 if (node == null) {
 RESULT = new UnresolvedRef(varName);
 }
};

```

```

FunctionCall ::= FunctionName:fname LPAREN RPAREN
{:
 if (parser.getQNameIgnoreDefaultNs("current").equals(fname)) {
 RESULT = new CurrentCall(fname);
 }
 else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
 RESULT = new NumberCall(fname, parser.EmptyArgs);
 }
 else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
 RESULT = new StringCall(fname, parser.EmptyArgs);
 }
 else if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
 RESULT = new ConcatCall(fname, parser.EmptyArgs);
 }
 else if (parser.getQNameIgnoreDefaultNs("true").equals(fname)) {

```

```

 RESULT = new BooleanExpr(true);
}
else if (parser.getQNameIgnoreDefaultNs("false").equals(fname)) {
 RESULT = new BooleanExpr(false);
}
else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
 RESULT = new NameCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
 RESULT = new GenerateIdCall(fname, parser.EmptyArgs);
}
else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
 RESULT = new StringLengthCall(fname, parser.EmptyArgs);
}
else if (parser.getQNameIgnoreDefaultNs("position").equals(fname)) {
 RESULT = new PositionCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("last").equals(fname)) {
 RESULT = new LastCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
 RESULT = new LocalNameCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
 RESULT = new NamespaceUriCall(fname);
}
else {
 RESULT = new FunctionCall(fname, parser.EmptyArgs);
}
:}

```

```

| FunctionName:fname LPAREN NonemptyArgumentList:argl RPAREN

```

```

{:
if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
 RESULT = new ConcatCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
 RESULT = new NumberCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("document").equals(fname)) {
parser.setMultiDocument(true);
 RESULT = new DocumentCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
 RESULT = new StringCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("boolean").equals(fname)) {
 RESULT = new BooleanCall(fname, argl);
}

```

```

}
else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
 RESULT = new NameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
 RESULT = new GenerateIdCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("not").equals(fname)) {
 RESULT = new NotCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("format-number").equals(fname)) {
 RESULT = new FormatNumberCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("unparsed-entity-uri").equals(fname)) {
 RESULT = new UnparsedEntityUriCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("key").equals(fname)) {
 RESULT = new KeyCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("id").equals(fname)) {
 RESULT = new KeyCall(fname, argl);
 parser.setHasIdCall(true);
}
else if (parser.getQNameIgnoreDefaultNs("ceiling").equals(fname)) {
 RESULT = new CeilingCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("round").equals(fname)) {
 RESULT = new RoundCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("floor").equals(fname)) {
 RESULT = new FloorCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("contains").equals(fname)) {
 RESULT = new ContainsCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
 RESULT = new StringLengthCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("starts-with").equals(fname)) {
 RESULT = new StartsWithCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("function-available").equals(fname)) {
 RESULT = new FunctionAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("element-available").equals(fname)) {
 RESULT = new ElementAvailableCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {

```

```

 RESULT = new LocalNameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("lang").equals(fname)) {
 RESULT = new LangCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
 RESULT = new NamespaceUriCall(fname, argl);
}
else if (parser.getQName(Constants.TRANSLET_URI, "xslt", "cast").equals(fname)) {
 RESULT = new CastCall(fname, argl);
}
// Special case for extension function nodeset()
else if (fname.getLocalPart().equals("nodeset") || fname.getLocalPart().equals("node-set")) {
parser.setCallsNodeset(true); // implies MultiDOM
 RESULT = new FunctionCall(fname, argl);
}
else {
 RESULT = new FunctionCall(fname, argl);
}
:};

```

NonemptyArgumentList ::= Argument:arg

```

{:
 Vector temp = new Vector();
 temp.addElement(arg);
 RESULT = temp;
:}

```

```

| Argument:arg COMMA NonemptyArgumentList:argl
{: argl.insertElementAt(arg, 0); RESULT = argl; :};

```

FunctionName ::= QName:fname

```

{:
 RESULT = fname;
:};

```

VariableName ::= QName:vname

```

{:
 RESULT = vname;
:};

```

Argument ::= Expr:ex

```

{: RESULT = ex; :};

```

NodeTest ::= NameTest:nt

```

{: RESULT = nt; :}

```

```

| NODE

```



```

{: RESULT = new Integer(NodeTest.ANODE); :}

| TEXT
{: RESULT = new Integer(NodeTest.TEXT); :}

| COMMENT
{: RESULT = new Integer(NodeTest.COMMENT); :}

| PIPARAM LPAREN Literal:l RPAREN
{:
 QName name = parser.getQNameIgnoreDefaultNs("name");
 Expression exp = new EqualityExpr(Operators.EQ,
 new NameCall(name),
 new LiteralExpr(l));
 Vector predicates = new Vector();
 predicates.addElement(new Predicate(exp));
 RESULT = new Step(Axis.CHILD, NodeTest.PI, predicates);
:}

| PI
{: RESULT = new Integer(NodeTest.PI); :};

NameTest ::= STAR
 {: RESULT = null; :}

 | QName:qn
 {: RESULT = qn; :};

QName ::= QNAME:qname
 {: RESULT = parser.getQNameIgnoreDefaultNs(qname); :}

| DIV
 {: RESULT = parser.getQNameIgnoreDefaultNs("div"); :}

| MOD
 {: RESULT = parser.getQNameIgnoreDefaultNs("mod"); :}

| KEY
 {: RESULT = parser.getQNameIgnoreDefaultNs("key"); :}

| ANCESTOR
 {: RESULT = parser.getQNameIgnoreDefaultNs("child"); :}

| ANCESTORORSELF
 {: RESULT = parser.getQNameIgnoreDefaultNs("ancestor-or-self"); :}

| ATTRIBUTE
 {: RESULT = parser.getQNameIgnoreDefaultNs("attribute"); :}

```

```

| CHILD
{: RESULT = parser.getQNameIgnoreDefaultNs("child"); ;}

| DESCENDANT
{: RESULT = parser.getQNameIgnoreDefaultNs("decendant"); ;}

| DESCENDANTORSELF
{: RESULT = parser.getQNameIgnoreDefaultNs("decendant-or-self"); ;}

| FOLLOWING
{: RESULT = parser.getQNameIgnoreDefaultNs("following"); ;}

| FOLLOWINGSIBLING
{: RESULT = parser.getQNameIgnoreDefaultNs("following-sibling"); ;}

| NAMESPACE
{: RESULT = parser.getQNameIgnoreDefaultNs("namespace"); ;}

| PARENT
{: RESULT = parser.getQNameIgnoreDefaultNs("parent"); ;}

| PRECEDING
{: RESULT = parser.getQNameIgnoreDefaultNs("preceding"); ;}

| PRECEDINGSIBLING
{: RESULT = parser.getQNameIgnoreDefaultNs("preceding-sibling"); ;}

| SELF
{: RESULT = parser.getQNameIgnoreDefaultNs("self"); ;}

| ID
{: RESULT = parser.getQNameIgnoreDefaultNs("id"); ;};

```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/xpath.cup
```

No license file was found, but licenses were detected in source scan.

/\*

```

* Licensed to the Apache Software Foundation (ASF) under one
* or more contributor license agreements. See the NOTICE file
* distributed with this work for additional information
* regarding copyright ownership. The ASF licenses this file
* to you under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*

```

```
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/
// is found, then throw a special exception in order to terminate
```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/processor/TransformerFactoryImpl.java
No license file was found, but licenses were detected in source scan.
```

```
/*
* Copyright (c) 2002 World Wide Web Consortium,
* (Massachusetts Institute of Technology, Institut National de
* Recherche en Informatique et en Automatique, Keio University). All
* Rights Reserved. This program is distributed under the W3C's Software
* Intellectual Property License. This program is distributed in the
* hope that it will be useful, but WITHOUT ANY WARRANTY; without even
* the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR
* PURPOSE.
* See W3C License http://www.w3.org/Consortium/Legal/ for more details.
*/
```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/domapi/XPathStylesheetDOM3Exception.java
No license file was found, but licenses were detected in source scan.
```

```
/*
* Licensed to the Apache Software Foundation (ASF) under one
* or more contributor license agreements. See the NOTICE file
* distributed with this work for additional information
* regarding copyright ownership. The ASF licenses this file
* to you under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
*
* http://www.apache.org/licenses/LICENSE-2.0
*
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
```

```
*/
/**
 * Execute the proprietary document-location() function, which returns
 * a node set of documents.
 * @xsl.usage advanced
 */
```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xpath/functions/FuncDoclocation.java
No license file was found, but licenses were detected in source scan.
```

```
/*
 * Licensed to the Apache Software Foundation (ASF) under one or more
 * contributor license agreements. See the NOTICE file distributed with
 * this work for additional information regarding copyright ownership.
 * The ASF licenses this file to You under the Apache License, Version 2.0
 * (the "License"); you may not use this file except in compliance with
 * the License. You may obtain a copy of the License at
 *
 * http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */
/*
 * $Id: xpath.lex 1225752 2011-12-30 04:12:46Z mrglavas $
 */
```

```
/*
 * @author Jacek Ambroziak
 * @author Santiago Pericas-Geertsen
 * @author Morten Jorgensen
 *
 */
```

```
package org.apache.xalan.xsltc.compiler;
```

```
import java_cup.runtime.Symbol;
%%
%cup
%unicode
%class XPathLexer
%yyeof
```

```

%{
 int last;

 void initialize() {
 last = -1;
 }

 static boolean isWhitespace(int c) {
 return (c == ' ' || c == '\t' || c == '\r' || c == '\n' || c == '\f');
 }

 /**
 * If symbol is not followed by ':' or '(', then treat it as a
 * name instead of an axis or function (Jira-1912).
 */
 Symbol disambiguateAxisOrFunction(int ss) throws Exception {
 // Peek in the input buffer without changing the internal state
 int index = yy_buffer_index;

 // Skip whitespace
 while (index < yy_buffer_read && isWhitespace(yy_buffer[index])) {
 index++;
 }

 // If end of buffer, can't disambiguate :(
 if (index >= yy_buffer_read) {
 // Can't disambiguate, so return as symbol
 return new Symbol(ss);
 }

 // Return symbol if next token is ':' or '('
 return (yy_buffer[index] == ':' && yy_buffer[index+1] == ':' ||
 yy_buffer[index] == '(') ?
 new Symbol(ss) : new Symbol(sym.QNAME, yytext());
 }

 /**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * name instead of a keyword (Jira-1912).
 */
 Symbol disambiguateOperator(int ss) throws Exception {
 switch (last) {
 case -1: // first token
 case sym.ATSIGN:
 case sym.DCOLON:
 case sym.LPAREN:
 case sym.LBRACK:

```

```

case sym.COMMA:
case sym.AND:
case sym.OR:
case sym.MOD:
case sym.DIV:
case sym.MULT:
case sym.SLASH:
case sym.DSLASH:
case sym.VBAR:
case sym.PLUS:
case sym.MINUS:
case sym.EQ:
case sym.NE:
case sym.LT:
case sym.LE:
case sym.GT:
case sym.GE:
 return newSymbol(sym.QNAME, yytext());
}
return newSymbol(ss);
}

/**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * wildcard instead of a multiplication operator
 */
Symbol disambiguateStar() throws Exception {
 switch (last) {
 case -1: // first token
 case sym.ATSIGN:
 case sym.DCOLON:
 case sym.LPAREN:
 case sym.LBRACK:
 case sym.COMMA:
 case sym.AND:
 case sym.OR:
 case sym.MOD:
 case sym.DIV:
 case sym.MULT:
 case sym.SLASH:
 case sym.DSLASH:
 case sym.VBAR:
 case sym.PLUS:
 case sym.MINUS:
 case sym.EQ:
 case sym.NE:
 case sym.LT:

```

```

 case sym.LE:
 case sym.GT:
 case sym.GE:
 return newSymbol(sym.STAR);
 }
 return newSymbol(sym.MULT);
}

Symbol newSymbol(int ss) {
 last = ss;
 return new Symbol(ss);
}

Symbol newSymbol(int ss, String value) {
 last = ss;
 return new Symbol(ss, value);
}

Symbol newSymbol(int ss, Long value) {
 last = ss;
 return new Symbol(ss, value);
}

Symbol newSymbol(int ss, Double value) {
 last = ss;
 return new Symbol(ss, value);
}
% }

%eofval{
return newSymbol(sym.EOF);
%eofval}

%yylexthrow{
Exception
%yylexthrow}

Letter={BaseChar}|{Ideographic}

BaseChar=[\u0041-\u005A\u0061-\u007A\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u00FF\u0100-\u0131\u0134-
\u013E\u0141-\u0148\u014A-\u017E\u0180-\u01C3\u01CD-\u01F0\u01F4-\u01F5\u01FA-\u0217\u0250-
\u02A8\u02BB-\u02C1\u0386\u0388-\u038A\u038C\u038E-\u03A1\u03A3-\u03CE\u03D0-
\u03D6\u03DA\u03DC\u03DE\u03E0\u03E2-\u03F3\u0401-\u040C\u040E-\u044F\u0451-\u045C\u045E-
\u0481\u0490-\u04C4\u04C7-\u04C8\u04CB-\u04CC\u04D0-\u04EB\u04EE-\u04F5\u04F8-\u04F9\u0531-
\u0556\u0559\u0561-\u0586\u05D0-\u05EA\u05F0-\u05F2\u0621-\u063A\u0641-\u064A\u0671-\u06B7\u06BA-
\u06BE\u06C0-\u06CE\u06D0-\u06D3\u06D5\u06E5-\u06E6\u0905-\u0939\u093D\u0958-\u0961\u0985-
\u098C\u098F-\u0990\u0993-\u09A8\u09AA-\u09B0\u09B2\u09B6-\u09B9\u09DC-\u09DD\u09DF-
\u09E1\u09F0-\u09F1\u0A05-\u0A0A\u0A0F-\u0A10\u0A13-\u0A28\u0A2A-\u0A30\u0A32-\u0A33\u0A35-

```

\u0A36\u0A38-\u0A39\u0A59-\u0A5C\u0A5E\u0A72-\u0A74\u0A85-\u0A8B\u0A8D\u0A8F-\u0A91\u0A93-\u0AAA\u0AAA-\u0AB0\u0AB2-\u0AB3\u0AB5-\u0AB9\u0ABD\u0AE0\u0B05-\u0B0C\u0B0F-\u0B10\u0B13-\u0B28\u0B2A-\u0B30\u0B32-\u0B33\u0B36-\u0B39\u0B3D\u0B5C-\u0B5D\u0B5F-\u0B61\u0B85-\u0B8A\u0B8E-\u0B90\u0B92-\u0B95\u0B99-\u0B9A\u0B9C\u0B9E-\u0B9F\u0BA3-\u0BA4\u0BA8-\u0BAA\u0BAE-\u0BB5\u0BB7-\u0BB9\u0C05-\u0C0C\u0C0E-\u0C10\u0C12-\u0C28\u0C2A-\u0C33\u0C35-\u0C39\u0C60-\u0C61\u0C85-\u0C8C\u0C8E-\u0C90\u0C92-\u0CA8\u0CAA-\u0CB3\u0CB5-\u0CB9\u0CDE\u0CE0-\u0CE1\u0D05-\u0D0C\u0D0E-\u0D10\u0D12-\u0D28\u0D2A-\u0D39\u0D60-\u0D61\u0E01-\u0E2E\u0E30\u0E32-\u0E33\u0E40-\u0E45\u0E81-\u0E82\u0E84\u0E87-\u0E88\u0E8A\u0E8D\u0E94-\u0E97\u0E99-\u0E9F\u0EA1-\u0EA3\u0EA5\u0EA7\u0EAA-\u0EAB\u0EAD-\u0EAE\u0EB0\u0EB2-\u0EB3\u0EBD\u0EC0-\u0EC4\u0F40-\u0F47\u0F49-\u0F69\u10A0-\u10C5\u10D0-\u10F6\u1100\u1102-\u1103\u1105-\u1107\u1109\u110B-\u110C\u110E-\u1112\u113C\u113E\u1140\u114C\u114E\u1150\u1154-\u1155\u1159\u115F-\u1161\u1163\u1165\u1167\u1169\u116D-\u116E\u1172-\u1173\u1175\u119E\u11A8\u11AB\u11AE-\u11AF\u11B7-\u11B8\u11BA\u11BC-\u11C2\u11EB\u11F0\u11F9\u1E00-\u1E9B\u1EA0-\u1EF9\u1F00-\u1F15\u1F18-\u1F1D\u1F20-\u1F45\u1F48-\u1F4D\u1F50-\u1F57\u1F59\u1F5B\u1F5D\u1F5F-\u1F7D\u1F80-\u1FB4\u1FB6-\u1FBC\u1FBE\u1FC2-\u1FC4\u1FC6-\u1FCC\u1FD0-\u1FD3\u1FD6-\u1FDB\u1FE0-\u1FEC\u1FF2-\u1FF4\u1FF6-\u1FFC\u2126\u212A-\u212B\u212E\u2180-\u2182\u3041-\u3094\u30A1-\u30FA\u3105-\u312C\uAC00-\uD7A3]

Ideographic=[\u4E00-\u9FA5\u3007\u3021-\u3029]

CombiningChar=[\u0300-\u0345\u0360-\u0361\u0483-\u0486\u0591-\u05A1\u05A3-\u05B9\u05BB-\u05BD\u05BF\u05C1-\u05C2\u05C4\u064B-\u0652\u0670\u06D6-\u06DC\u06DD-\u06DF\u06E0-\u06E4\u06E7-\u06E8\u06EA-\u06ED\u0901-\u0903\u093C\u093E-\u094C\u094D\u0951-\u0954\u0962-\u0963\u0981-\u0983\u09BC\u09BE\u09BF\u09C0-\u09C4\u09C7-\u09C8\u09CB-\u09CD\u09D7\u09E2-\u09E3\u0A02\u0A3C\u0A3E\u0A3F\u0A40-\u0A42\u0A47-\u0A48\u0A4B-\u0A4D\u0A70-\u0A71\u0A81-\u0A83\u0ABC\u0ABE-\u0AC5\u0AC7-\u0AC9\u0ACB-\u0ACD\u0B01-\u0B03\u0B3C\u0B3E-\u0B43\u0B47-\u0B48\u0B4B-\u0B4D\u0B56-\u0B57\u0B82-\u0B83\u0BBE-\u0BC2\u0BC6-\u0BC8\u0BCA-\u0BCD\u0BD7\u0C01-\u0C03\u0C3E-\u0C44\u0C46-\u0C48\u0C4A-\u0C4D\u0C55-\u0C56\u0C82-\u0C83\u0CBE-\u0CC4\u0CC6-\u0CC8\u0CCA-\u0CCD\u0CD5-\u0CD6\u0D02-\u0D03\u0D3E-\u0D43\u0D46-\u0D48\u0D4A-\u0D4D\u0D57\u0E31\u0E34-\u0E3A\u0E47-\u0E4E\u0EB1\u0EB4-\u0EB9\u0EBB-\u0EBC\u0EC8-\u0ECD\u0F18-\u0F19\u0F35\u0F37\u0F39\u0F3E\u0F3F\u0F71-\u0F84\u0F86-\u0F8B\u0F90-\u0F95\u0F97\u0F99-\u0FAD\u0FB1-\u0FB7\u0FB9\u20D0-\u20DC\u20E1\u302A-\u302F\u3099\u309A]

Digit=[\u0030-\u0039\u0660-\u0669\u06F0-\u06F9\u0966-\u096F\u09E6-\u09EF\u0A66-\u0A6F\u0AE6-\u0AEF\u0B66-\u0B6F\u0BE7-\u0BEF\u0C66-\u0C6F\u0CE6-\u0CEF\u0D66-\u0D6F\u0E50-\u0E59\u0ED0-\u0ED9\u0F20-\u0F29]

Extender=[\u00B7\u02D0\u02D1\u0387\u0640\u0E46\u0EC6\u3005\u3031-\u3035\u309D-\u309E\u30FC-\u30FE]

NCName={({Letter}}|\_"|{NCNameStartChar})({NCNameChar})\*

NCNameChar={Letter}|{Digit}|"."|"-|\_|{CombiningChar}|{Extender}|{NCNameStartChar}| \u00B7 | [\u0300-\u036F] | [\u203F-\u2040] | [\u0130-\u0136]

NCNameStartChar=[\u0041-\u005A\u0061-\u007A\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u02FF\u0370-\u037D\u037F-\u1FFF\u200C-\u200D\u2070-\u218F\u2C00-\u2FEF\u3001-\uD7FF\uF900-\uFDCF\uFDF0-\uFFFD] | \u005F |({HighSurrogate}{LowSurrogate})



HighSurrogate=[\uD800-\uDBFF]

LowSurrogate=[\uDC00-\uDFFF]

%%

```
"*" { return disambiguateStar(); }
"/" { return newSymbol(sym.SLASH); }
"+" { return newSymbol(sym.PLUS); }
"-" { return newSymbol(sym.MINUS); }
"div" { return disambiguateOperator(sym.DIV); }
"mod" { return disambiguateOperator(sym.MOD); }
"::" { return newSymbol(sym.DCOLON); }
"," { return newSymbol(sym.COMMA); }
"@" { return newSymbol(sym.ATSIGN); }
".." { return newSymbol(sym.DDOT); }
"|" { return newSymbol(sym.VBAR); }
"$" { return newSymbol(sym.DOLLAR); }
"//" { return newSymbol(sym.DSLASH); }
"=" { return newSymbol(sym.EQ); }
"!=" { return newSymbol(sym.NE); }
"<" { return newSymbol(sym.LT); }
">" { return newSymbol(sym.GT); }
"<=" { return newSymbol(sym.LE); }
">=" { return newSymbol(sym.GE); }
"id" { return disambiguateAxisOrFunction(sym.ID); }
"key" { return disambiguateAxisOrFunction(sym.KEY); }
"text()" { return newSymbol(sym.TEXT); }
"text"+[\t\r\n\f]+"()" { return newSymbol(sym.TEXT); }
"node()" { return newSymbol(sym.NODE); }
"node"+[\t\r\n\f]+"()" { return newSymbol(sym.NODE); }
"comment()" { return newSymbol(sym.COMMENT); }
"comment"+[\t\r\n\f]+"()" { return newSymbol(sym.COMMENT); }
"processing-instruction" { return disambiguateAxisOrFunction(sym.PIPARAM); }
"processing-instruction()" { return newSymbol(sym.PI); }
"processing-instruction"+[\t\r\n\f]+"()" { return newSymbol(sym.PI); }
"or" { return disambiguateOperator(sym.OR); }
"and" { return disambiguateOperator(sym.AND); }
"child" { return disambiguateAxisOrFunction(sym.CHILD); }
"attribute" { return disambiguateAxisOrFunction(sym.ATTRIBUTE); }
"ancestor" { return disambiguateAxisOrFunction(sym.ANCESTOR); }
"ancestor-or-self" { return disambiguateAxisOrFunction(sym.ANCESTORORSELF); }
"descendant" { return disambiguateAxisOrFunction(sym.DESCENDANT); }
"descendant-or-self" { return disambiguateAxisOrFunction(sym.DESCENDANTORSELF); }
"following" { return disambiguateAxisOrFunction(sym.FOLLOWING); }
"following-sibling" { return disambiguateAxisOrFunction(sym.FOLLOWINGSIBLING); }
"namespace" { return disambiguateAxisOrFunction(sym.NAMESPACE); }
```

```

"parent" { return disambiguateAxisOrFunction(sym.PARENT); }
"preceding" { return disambiguateAxisOrFunction(sym.PRECEDING); }
"preceding-sibling" { return disambiguateAxisOrFunction(sym.PRECEDINGSIBLING); }
"self" { return disambiguateAxisOrFunction(sym.SELF); }
"[" { return newSymbol(sym.LBRACK); }
"]" { return newSymbol(sym.RBRACK); }
"(" { return newSymbol(sym.LPAREN); }
")" { return newSymbol(sym.RPAREN); }
"<PATTERN>" { initialize(); return new Symbol(sym.PATTERN); }
"<EXPRESSION>" { initialize(); return new Symbol(sym.EXPRESSION); }
\[^\]*\ { return newSymbol(sym.Literal,
 yytext().substring(1, yytext().length() - 1)); }
\[^\]*\' { return newSymbol(sym.Literal,
 yytext().substring(1, yytext().length() - 1)); }
{Digit}+ { return newSymbol(sym.INT, new Long(yytext())); }
{Digit}+(\."{Digit}*)? { return newSymbol(sym.REAL, new Double(yytext())); }
"."{Digit}+ { return newSymbol(sym.REAL, new Double(yytext())); }
"." { return newSymbol(sym.DOT); }
({NCName}":")?{NCName} { return newSymbol(sym.QNAME, yytext()); }
({NCName}":")?""* { return newSymbol(sym.QNAME, yytext()); }
({NCName}":")?""@*" { return newSymbol(sym.QNAME, yytext()); }
[\t\r\n\f] { /* ignore white space. */ }
. { throw new Exception(yytext()); }

```

Found in path(s):

```
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/xpath.lex
```

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/\*

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```

\*/

/\*

```
* $Id: XSLProcessorVersion.src 468640 2006-10-28 06:53:53Z minchau $
```

```

*/
package org.apache.xalan.processor;

/**
 * Administrative class to keep track of the version number of
 * the Xalan release.
 * <P>See also: org/apache/xalan/res/XSLTInfo.properties</P>
 * @deprecated To be replaced by org.apache.xalan.Version.getVersion()
 * @xsl.usage general
 */
public class XSLProcessorVersion
{

 /**
 * Print the processor version to the command line.
 *
 * @param argv command line arguments, unused.
 */
 public static void main(String argv[])
 {
 System.out.println(S_VERSION);
 }

 /**
 * Constant name of product.
 */
 public static final String PRODUCT = "Xalan";

 /**
 * Implementation Language.
 */
 public static final String LANGUAGE = "Java";

 /**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 *
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
 public static final int VERSION = @version.VERSION@;

 /**
 * Release Number.

```

```

* Release number. This changes when:
* - a new set of functionality is to be added, eg,
* implementation of a new W3C specification.
* - API or behaviour change.
* - its designated as a reference release.
*/
public static final int RELEASE = @version.RELEASE@;

/**
* Maintenance Drop Number.
* Optional identifier used to designate maintenance
* drop applied to a specific release and contains
* fixes for defects reported. It maintains compatibility
* with the release and contains no API changes.
* When missing, it designates the final and complete
* development drop for a release.
*/
public static final int MAINTENANCE = @version.MINOR@;

/**
* Development Drop Number.
* Optional identifier designates development drop of
* a specific release. D01 is the first development drop
* of a new release.
*
* Development drops are works in progress towards a
* completed, final release. A specific development drop
* may not completely implement all aspects of a new
* feature, which may take several development drops to
* complete. At the point of the final drop for the
* release, the D suffix will be omitted.
*
* Each 'D' drops can contain functional enhancements as
* well as defect fixes. 'D' drops may not be as stable as
* the final releases.
*/
public static final int DEVELOPMENT = 0;

/**
* Version String like <CODE>"Xalan Language
* v.r[.dd] Dnn]"</CODE>.
* <P>Semantics of the version string are identical to the Xerces project.</P>
*/
public static final String S_VERSION = PRODUCT+" "+LANGUAGE+" "
 +VERSION+"."+RELEASE+"."
 +(DEVELOPMENT > 0 ? ("D"+DEVELOPMENT)
 : (""+MAINTENANCE));

```

}

Found in path(s):

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/XSLProcessorVersion.src

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- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/client/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/domapi/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/patterns/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/package.html
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/package.html

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/package.html  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/package.html  
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*/
// Proprietary, built in functions
/** current function string (Proprietary). */
```

Found in path(s):

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*/
```

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- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/XslAttribute.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/NodeLocator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToStream.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/MessageHandler.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/KeyIndex.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/ElemDesc.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemForEach.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/patterns/ContextMatchStepPattern.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources\_zh.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncBoolean.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/NodeSetType.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/CurrentCall.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/trax/TransformerHandlerImpl.java
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- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/trax/TrAXFilter.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncConcat.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages\_zh\_CN.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_ko.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/Function.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/trax/XSLTSource.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/axes/AttributeIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/Utils/StringToIntTable.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/LoadDocument.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/ObjectFactory.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/transformer/NumeratorFormatter.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/Utils/SerializerMessages\_hu.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/SecuritySupport.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_zh.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Equals.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Pattern.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/processor/ProcessorExsltFuncResult.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/DOMEnhancedForDTM.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/SecuritySupport.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/MatchingIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/FuncNot.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/processor/XSLTAttributeDef.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/Utils/StringToStringTableVector.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/If.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/ObjectFactory.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/SerializerTraceWriter.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Lt.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/Utils/PrefixResolver.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/res/XSLTErrorResources\_en.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-



jar/org/apache/xml/serializer/ToTextSAXHandler.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/utils/res/StringArrayWrapper.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Choose.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/ElemFallback.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/transformer/XalanProperties.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/FuncUnparsedEntityURI.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/transformer/KeyIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/DOM2Helper.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/Hashtable.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/UnionIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/NthIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Stylesheet.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/res/XSLTErrorResources\_sk.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/XSLTC.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_pt\_BR.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLMessages.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/dtm/ref/DTMNodeProxy.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/StartsWithCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/ElemContext.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/XPathProcessorException.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/NodeCounterGenerator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_zh\_TW.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/utils/res/XResources\_he.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/FuncRound.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/MethodGenerator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xalan/xsltc/compiler/IntExpr.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Fallback.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_ja.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/Utils/DOMOrder.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/LangCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/extensions/ExtensionsTable.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Minus.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/Utils/res/CharArrayWrapper.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/CastExpr.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_pl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/extensions/ExtensionNamespaceSupport.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/Utils/ObjectFactory.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/TransletException.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/Utils/StringBufferPool.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/And.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/ToSAXHandler.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/res/XPATHErrorResources\_ca.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/res/XSLTErrorResources\_pl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/Utils/SerializerMessages\_zh\_TW.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/Utils/SerializerMessages.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/AVTPartXPath.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/ExtendedLexicalHandler.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/XPathVisitable.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/WhiteSpaceInfo.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/trace/EndSelectionEvent.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/FuncLang.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/trax/DOM2SAX.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources\_ka.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/TransformerIdentityImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/IntVector.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorGlobalVariableDecl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/res/XMLErrorResources\_tr.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/PredicatedNodeTest.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/OpCodes.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources\_hy.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemTemplateElement.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/LiteralElement.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemTextLiteral.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages\_de.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Step.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/util/IntegerArray.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessageMessages\_pt\_BR.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XString.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessageMessages\_de.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/DescendantIterator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToXMLStream.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XNodeSet.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemText.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/ErrorMessageMessages.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/trax/SecuritySupport.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/FilterParentPath.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Sort.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xpath/functions/FuncLast.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/CeilingCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/Function3Args.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/urls/URI.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/XPath.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/RealType.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/DecimalFormatProperties.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/res/XPATHErrorResources\_pt\_BR.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/NamespaceMappings.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/res/XSLTErrorsResources\_zh.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/AttributeValue.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/transformer/NodeSortKey.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/res/XMLERrorResources\_ko.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/res/XSLTErrorsResources\_tr.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/urls/res/XResourceBundleBase.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/DTMFilter.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Key.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/urls/res/XResources\_cy.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncId.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/ContainsCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/res/XMLERrorResources\_zh\_TW.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/res/XPATHErrorsResources\_sv.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/urls/res/LongArrayWrapper.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemPI.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/lib/sql/SecuritySupport.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/output/StringOutputBuffer.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/urls/XMLStringDefault.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/IncrementalSAXSource\_Xerces.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources\_ko.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/NodeSortRecord.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncNormalizeSpace.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/RtMethodGenerator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/DTMSafeStringPool.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_ca.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/BasisLibrary.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/Parameter.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_pl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XNodeSetForDOM.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources\_es.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemCopy.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/SerializerConstants.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/dom3/LSSerializerImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/VariableRefBase.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/XMLStringFactoryDefault.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/KeyManager.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemComment.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/AttributeSet.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/Lexer.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/DOM3Serializer.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Predicate.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/NodeVector.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/SuballocatedIntVector.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/SingleNodeCounter.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/SerializableLocatorImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/DTMNodeIterator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/EnvironmentCheck.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources\_fr.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/ExsltStrings.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResourceBundle.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/XUnresolvedVariableSimple.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_tr.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources\_zh\_TW.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/AlternativePattern.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Neg.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/NodeSet.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XNull.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/dom3/DOMErrorHandlerImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/IncrementalSAXSource.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/MultiHashtable.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XRTreeFrag.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemNumber.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorNamespaceAlias.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/TraceManager.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XObject.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemExtensionScript.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/ClonerToResultTree.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/AVTPart.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/cmdline/getopt/GetOptsException.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/DOM.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/serialize/DOMSerializer.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemIf.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorGlobalParamDecl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/ExtensionNamespaceContext.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/ChildIterator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/PositionCall.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemApplyImport.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ParameterRef.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Template.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/res/XMLErrorResources\_sk.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/dom3/DOMLocatorImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorStylesheetElement.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/PsuedoNames.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/SecuritySupport.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/TransformSnapshotImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/Util.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/SecuritySupport.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/DTMDOMException.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/RoundCall.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemApplyTemplates.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/StylesheetHandler.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/sax2dtm/SAX2RTFDTM.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ObjectFactory.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/PrintTraceListener.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/SerializationHandler.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/TracerEvent.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/FloorCall.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/FastStringBuffer.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/sax2dtm/SAX2DTM2.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/CustomStringPool.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/DOMWSFilter.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/ExpressionContext.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FunctionDef1Arg.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/OneStepIterator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/SimpleAttributeValue.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/FilterExprWalker.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTErrorResources\_sv.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/res/XMLErrorResources\_pl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTErrorResources.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncTranslate.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ValueOf.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/Operators.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ParentLocationPath.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/TreeWalker2Result.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/UnparsedEntityUriCall.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/BooleanCall.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncSubstringBefore.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/NameSpace.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/NameBase.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/MultiDOM.java



\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/CachedXPathAPI.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/KeyPattern.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/ObjectVector.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_tr.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources\_zh\_CN.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/RawCharacterHandler.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/ObjectArray.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/BinOpExpr.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ProcessingInstruction.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/DOMBuilder.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/SystemIDResolver.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/WriterToASCII.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_ru.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/DTM.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/BooleanType.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/LogicalExpr.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/Messages.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/MutableAttrListImpl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/ArrayNodeListIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/OutlineableChunkStart.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/NamespaceAlias.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/DTMDefaultBaseIterators.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncStringLength.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncGenerateId.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/OutputPropertiesFactory.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorStylesheetDoc.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/XSLTElementProcessor.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncStartsWith.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/ContextNodeList.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/FilteredAbsolutePath.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/NamespaceAlias.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/DTMChildIterNodeList.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/DocumentCall.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/FilterIterator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/trax/SmartTransformerFactoryImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/res/XMLErrorResources\_es.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_hu.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/serialize/Serializer.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/LocationPathPattern.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/BasicTestIterator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages\_zh.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/NodeSortRecordGenerator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/FlowList.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/XSLTVisitable.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/jaxp/XPathFactoryImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/Arg.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/DTMDefaultBase.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/ExtensionEvent.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ObjectFactory.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/UnionPathIterator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemUnknown.java

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/objects/XRTreeFragSelectWrapper.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/compiler/util/ReferenceType.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/Redirect.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/utils/XMLReaderManager.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/domapi/XPathExpressionImpl.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/utils/SerializerMessages\_sl.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/transformer/MsgMgr.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/compiler/XslElement.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/AttributesImplSerializer.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/Filter.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/utils/NamespaceSupport2.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/UnImplNode.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/res/XSLTErrorResources\_cs.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/templates/ElemOtherwise.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/ExtendedContentHandler.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_de.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/runtime/InternalRuntimeError.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/SourceTreeManager.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ObjectFactory.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/utils/XML11Char.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Div.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/serialize/SerializerFactory.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/processor/ProcessorPreserveSpace.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/res/XSLTErrorResources\_hu.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/compiler/Compiler.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/res/XPATHErrorResources\_tr.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xml/utils/SuballocatedByteVector.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/operations/NotEquals.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/ExsltSets.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_ko.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/res/XMLErrorResources.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/dtm/SecuritySupport.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/extensions/ExtensionNamespacesManager.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/res/XPATHErrorResources\_fr.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/ElemChoose.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/lib/sql/DefaultConnectionPool.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/extensions/MethodResolver.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Constants.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/utils/MsgKey.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Import.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/StripWhitespaceFilter.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/SymbolTable.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/URI.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/utils/SystemIDResolver.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/ErrorMsg.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/res/XPATHErrorResources\_ja.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/UnionPathExpr.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/cmdline/getopt/IllegalArgumentException.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/SerializerTrace.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/res/XMLErrorResources\_hu.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/transformer/DecimalToRoman.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xml/utils/Hashtree2Node.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/SAXImpl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/DocumentCache.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/extensions/ExtensionHandler.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/processor/ProcessorTemplate.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Lte.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/lib/sql/SQLExceptionDocument.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/ElemMessage.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/LocaleUtility.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/extensions/XSLProcessorContext.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/dtm/ref/ChunkedIntArray.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/dtm/DTMAxisIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/FunctionAvailableCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/dtm/ref/DTMDocumentImpl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/StringLengthCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/operations/VariableSafeAbsRef.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/processor/ProcessorText.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/res/XSLTErrorResources\_fr.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/extensions/ExpressionVisitor.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/AVTPartSimple.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/ToUnknownStream.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/NodeSortRecordFactGenerator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/OutlineableChunkEnd.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/CharInfo.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/res/XMLTErrorResources\_sl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/LiteralAttribute.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/jaxp/XPathImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/res/XMLErrorResources\_zh.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/NameCall.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Comment.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_zh.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/AbsPathChecker.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/ExpressionNode.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncSystemProperty.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/TransletOutput.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncExtFunctionAvailable.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTErrorResources\_es.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/StylesheetComposed.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_it.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/domapi/XPathNSResolverImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources\_zh\_TW.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/trax/Util.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/NumberType.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FunctionOneArg.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ElementAvailableCall.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/XPathDumper.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/VarNameCollector.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorCharacters.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/ExtensionHandlerGeneral.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Gte.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/EmptySerializer.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/NodeSequence.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages\_it.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/util/JavaCupRedirect.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/DTMDefaultBaseTraversers.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/Type.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/AttributeSetMethodGenerator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XStringForChars.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/DOMBuilder.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/XPathFactory.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/NodeInfo.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorDecimalFormat.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/XSLInfiniteLoopException.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages\_ko.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Mode.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/DOMSerializer.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/OutputProperties.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/Function2Args.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/res/XMLErrorResources\_en.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/ProcessorVersion.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorKey.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/FuncFormatNumb.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/dom3/DOM3SerializerImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/res/XMLErrorResources\_de.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/TraceListenerEx3.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTErrorResources\_pt\_BR.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToXMLSAXHandler.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XNumber.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/OutputPropertyUtils.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/TopLevelElement.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Copy.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/ObjectFactory.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncNumber.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/Utils/Constants.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/TraceListener.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/dom3/Namespacesupport.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/dom3/DOMErrorImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/ExtensionHandlerJava.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorStripSpace.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/TraceListenerEx2.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/RealExpr.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/UnionChildIterator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/DTMException.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/CompareGenerator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/XMLNSDecl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Output.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Closure.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Utils/Utils.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/TemplateList.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/SelfIteratorNoPredicate.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/Utils/res/XResources\_sv.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/InternalServerError.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-



jar/org/apache/xml/serializer/Utils/SerializerMessages\_ru.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/KeyCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ElemDesc.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/NodeIteratorBase.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorTemplateElem.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/DTMAxisTraverser.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemExsltFuncResult.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/XPathFunctionResolverImpl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/TransformerClient.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ObjectFactory.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/TraceListenerEx.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/ExtensionsProvider.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/cmdline/Compile.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/ExsltDatetime.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncContains.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/EmptyIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemValueOf.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/SelectionEvent.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/VoidType.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemParam.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/AdaptiveResultTreeImpl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XBoolean.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ResultTreeType.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/jaxp/JAXPPrefixResolver.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/trax/OutputSettings.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Encodings.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/SerializerFactory.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/WrongParserException.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/XPathException.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/DTMStringPool.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/String.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/patterns/NodeTestFilter.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/StringToStringTable.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/ExsltDynamic.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/XSLTCDTMMManager.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/DTMTreeWalker.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/XMLCharacterRecognizer.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/patterns/NodeTest.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/IdKeyPattern.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/serialize/SerializerUtils.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/NamedMethodGenerator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/SourceTree.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/patterns/FunctionPattern.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/ExtendedSAX.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/ThreadControllerWrapper.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/SimpleResultTreeImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/SQLQueryParser.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ClassGenerator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/IteratorPool.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/DOMCache.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemAttributeSet.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncTrue.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/IntArrayWrapper.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xpath/patterns/StepPattern.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/MultipleNodeCounter.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/res/XSLTErrorResources\_ca.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/jaxp/XPathExpressionImpl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/FuncFloor.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/axes/SubContextList.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/axes/WalkerFactory.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/dtm/ref/IncrementalSAXSource\_Filter.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/TreeWalker.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/dom3/DOM3TreeWalker.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/objects/XMLStringFactoryImpl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Instruction.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/extensions/XPathFunctionImpl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/utils/res/XResources\_ja\_JP\_HA.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/utils/PrefixResolverDefault.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Parser.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_sl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/dtm/ref/dom2dtm/DOM2DTMdefaultNamespaceDeclarationNode.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/transformer/KeyTable.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/output/WriterOutputBuffer.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/CallTemplate.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/dtm/ref/dom2dtm/DOM2DTM.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/jaxp/JAXPVariableStack.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Plus.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/processor/XSLTElementDef.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/DOMHelper.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages\_cs.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/FuncKey.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources\_ja\_JP\_HI.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources\_es.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/ObjectFactory.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ApplyTemplates.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/AVT.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/OpMap.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/ClonedNodeListIterator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources\_sk.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/CastCall.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/AxesWalker.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/StringToIntTable.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/SerializerBase.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages\_en.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XObjectFactory.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/FunctionCall.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/trax/TemplatesImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/UnresolvedRef.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/ObjectFactory.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/Process.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ParentPattern.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ObjectType.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/SortSettings.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/RelativePathPattern.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/TransformerImpl.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/StripFilter.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XStringForFSB.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/trax/TransformerFactoryImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/TestGenerator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/CoroutineManager.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/OneStepIteratorForward.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/FilterGenerator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncSum.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/XML11Char.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncQname.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemLiteralResult.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/NodeSorter.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/TransformState.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/UnaryOperation.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/ErrorMessageMessages\_cs.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/CollatorFactoryBase.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/TrAXFilter.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemAttribute.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncCeiling.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/XSLTSchema.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncLocalPart.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/SourceLoader.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemCallTemplate.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/NodeSortRecordFactory.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/StylesheetRoot.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/LastCall.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/BoolStack.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/VariableBase.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/NodeCounter.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/ProcessingInstructionPattern.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/Translet.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/ObjectStack.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemTemplate.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/AttList.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/trax/SAX2DOM.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/ExpressionOwner.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/IdPattern.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/res/XMLErrorResources\_sv.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_fr.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/objects/XBooleanStatic.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/trax/TransformerImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/SyntaxTreeNode.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorImport.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/HasPositionalPredChecker.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncCount.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/ExtendedType.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_ru.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/ForwardPositionIterator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncPosition.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/ExsltBase.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/WriterChain.java

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/NumberCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/NodeTest.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/PooledConnection.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Otherwise.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/jaxp/JAXPExtensionsProvider.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/StepPattern.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_ja.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/NodeConsumer.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/Constants.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/dom3/DOMOutputImpl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/SecuritySupport.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/RedundentExprEliminator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemCopyOf.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/DOM2Helper.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_cs.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncCurrent.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncExtFunction.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/EncodingInfo.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/ObjectFactory.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_no.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorsResources\_sl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/DefaultErrorHandler.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/Whitespace.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/KeyRefIterator.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/ExtensionHandlerJavaPackage.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/ConnectionPool.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/UnaryOpExpr.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FunctionMultiArgs.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/RelativeLocationPath.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Mult.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Serializer.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/XMLChar.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_no.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/NodeType.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/XMLChar.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/WrongNumberArgsException.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/AbstractTranslet.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/SecuritySupport.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/ListingErrorHandler.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/FuncDocument.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Bool.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/UseAttributeSets.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/GenerateEvent.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/client/XSLTProcessorApplet.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/FormatNumberCall.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/Counter.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/XMLStringFactory.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/DOMAdapter.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/AnyNodeCounter.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/cmdline/getopt/MissingOptArgException.java



- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToHTMLSAXHandler.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/BooleanExpr.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/DTMAxisIteratorBase.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/SecuritySupport.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/MatchGenerator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages\_tr.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/cmdline/getopt/GetOpt.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Method.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/res/XMLErrorResources\_ca.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_fr.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/VariableRef.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/WithParam.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/FilteredStepIterator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/CountersTable.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/TreeWalker.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/JNDIConnectionPool.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/res/XMLMessages.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/SingletonIterator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources\_ja\_JP\_I.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/output/OutputBuffer.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/CoroutineParser.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/domapi/XPathResultImpl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToTextStream.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/XPathAPI.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/BitArray.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/AbsoluteLocationPath.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_it.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources\_pl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources\_it.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/ExsltMath.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemExsltFunction.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemEmpty.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/output/TransletOutputHandlerFactory.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages\_sv.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/WhitespaceInfoPaths.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/PathComponent.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/SerializerSwitcher.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Variable.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/RelationalExpr.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/WrappedRuntimeException.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources\_it.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/NodeSetDTM.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemSort.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/AttributeList.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/res/XPATHErrorResources\_hu.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/DTMAxisIterNodeList.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Number.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/OpMapVector.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/StringVector.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/StringValueHandler.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xpath/operations/Operation.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/FuncString.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/ElemUse.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/dtm/ref/DTMManagerDefault.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/PipeDocument.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/Extensions.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/TypeCheckError.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/lib/sql/SQLDocument.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/res/XPATHErrorResources\_cs.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_zh\_TW.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/StepIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/trax/TemplatesHandlerImpl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/XSLOutputAttributes.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Text.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/IntStack.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/transformer/StackGuard.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/IntType.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/CompilerException.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/FuncSubstringAfter.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/CachedNodeListIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/TemplateSubPatternAssociation.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/utils/res/XResources\_zh\_CN.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_sk.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/NamespaceUriCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/FuncNamespace.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/res/XMLERrorResources\_it.java

- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/Constants.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/sax2dtm/SAX2DTM.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/SAXSourceLocator.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/MarkerInstruction.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/CollatorFactory.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessageMessages\_sk.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages\_pt\_BR.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages\_es.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/UnsupportedElement.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTErrorResources\_ru.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/StringType.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/cmdline/ObjectFactory.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemVariable.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Or.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessageMessages.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/EmptyFilter.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages\_sk.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTErrorResources\_sl.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/KeyDeclaration.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/TestSeq.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/StringStack.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/ExtensionHandlerExsltFunction.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/Node.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/sql/DTMDDocument.java
- \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xalan/xsltc/cmdline/Transform.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/utils/res/XResources\_en.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/SortingIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/compiler/XPathParser.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/WriterToUTF8Buffered.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/NotCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/StringCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/lib/ExsltCommon.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/lib/sql/XConnection.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/SecuritySupport.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/res/XSLTErrorResources\_ja.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/processor/ProcessorExsltFunction.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/res/XPATHErrorResources\_ko.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/processor/ProcessorUnknown.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/domapi/XPathNamespaceImpl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Mod.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/AbsolutePathPattern.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Variable.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/AttList.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/FilterExpr.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/axes/ReverseAxesWalker.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/patterns/UnionPattern.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/res/XMLERrorResources\_ja.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/XPathContext.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Include.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/ElemWithParam.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xalan/xsltc/dom/CurrentNodeListFilter.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/MethodType.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/WhitespaceStrippingElementMatcher.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Attribute.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/CopyOf.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/Attributes.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/axes/MatchPatternIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/dom/DupFilterIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/NodeIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/DecimalFormatting.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/XPathVisitor.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/res/XSLTErrorResources\_ko.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/transformer/XalanTransformState.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/ElemVariablePseudo.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/axes/FilterExprIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_es.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_hu.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/res/XMLErrorResources\_ru.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/utils/SerializerMessages\_pl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/Expression.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/TransformStateSetter.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/domapi/XPathEvaluatorImpl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/ElemExtensionCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/axes/RTFIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/dtm/ref/DTMNodeListBase.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/axes/LocPathIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xml/res/XMLErrorResources\_pt\_BR.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/processor/ProcessorInclude.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/ObjectPool.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/Message.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/dtm/ref/DTMNamedNodeMap.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/ObjectFactory.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/XMLString.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/templates/ElemExtensionDecl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/utils/WrappedRuntimeException.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/utils/res/XResources\_de.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/res/XPATHMessages.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/runtime/ErrorMessage\_ca.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/cmdline/SecuritySupport.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/LocalNameCall.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/extensions/SecuritySupport.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/BoolStack.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/FoundIndex.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xml/serializer/dom3/DOMStringListImpl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/res/XSLTErrorResources\_it.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/functions/FuncExtElementAvailable.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/DTMIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/ArgumentList.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/objects/DTMXRTreeFrag.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/AnccestorPattern.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/axes/WalkingIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xalan/xsltc/compiler/EqualityExpr.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
jar/org/apache/xpath/res/XPATHErrorResources\_en.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-

jar/org/apache/xpath/axes/ChildTestIterator.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/compiler/ForEach.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xpath/res/XPATHErrorResources\_de.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/utils/StringComparable.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/compiler/Expression.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/templates/XSLTVisitor.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/compiler/LiteralExpr.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/compiler/ApplyImports.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/lib/sql/ConnectionPoolManager.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/processor/ProcessorAttributeSet.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/Quo.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/NSInfo.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/extensions/ExtensionHandlerJavaClass.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/dom3/DOMConstants.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/dtm/ref/ExpandedNameTable.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
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 jar/org/apache/xalan/templates/Stylesheet.java  
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 jar/org/apache/xalan/templates/ElemElement.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
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 jar/org/apache/xalan/transformer/ResultNamespace.java  
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 jar/org/apache/xalan/processor/ProcessorLRE.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/serializer/utils/SerializerMessages\_fr.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xalan/xsltc/trax/ObjectFactory.java  
 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/utils/res/XResources\_ja\_JP\_A.java  
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 \* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-  
 jar/org/apache/xml/res/XMLERrorResources\_cs.java  
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 jar/org/apache/xml/dtm/DTMConfigurationException.java

\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/DTMNodeList.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/Axis.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/XUnresolvedVariable.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/functions/FuncFalse.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/SecuritySupport.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/util/ErrorMessage\_sl.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/AbsoluteIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/dom/CurrentNodeListIterator.java  
\* /opt/cola/permits/1134796662\_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/IllegalCharException.java

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## 1.701 miller-rabin 4.0.1

## 1.702 spring-cloud-context 2.2.3.RELEASE

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\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-jar/org/springframework/cloud/bootstrap/support/OriginTrackedCompositePropertySource.java

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\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-jar/org/springframework/cloud/autoconfigure/ConfigurationPropertiesRebinderAutoConfiguration.java  
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\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-jar/org/springframework/cloud/bootstrap/encrypt/KeyProperties.java  
\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-jar/org/springframework/cloud/endpoint/event/RefreshEventListener.java  
\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-jar/org/springframework/cloud/context/named/ClientFactoryObjectProvider.java  
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\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-jar/org/springframework/cloud/bootstrap/config/PropertySourceBootstrapProperties.java  
\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-jar/org/springframework/cloud/context/scope/refresh/RefreshScopeRefreshedEvent.java  
\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-jar/org/springframework/cloud/bootstrap/config/PropertySourceBootstrapConfiguration.java  
\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-jar/org/springframework/cloud/bootstrap/config/SimpleBootstrapPropertySource.java  
\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-jar/org/springframework/cloud/context/restart/RestartEndpoint.java  
\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-jar/org/springframework/cloud/context/refresh/ContextRefresher.java  
\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-jar/org/springframework/cloud/autoconfigure/LifecycleMvcEndpointAutoConfiguration.java  
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\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-

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jar/org/springframework/cloud/bootstrap/config/PropertySourceLocator.java  
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jar/org/springframework/cloud/endpoint/RefreshEndpoint.java  
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jar/org/springframework/cloud/context/encrypt/EncryptorFactory.java  
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jar/org/springframework/cloud/context/environment/EnvironmentManager.java  
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\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-  
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jar/org/springframework/cloud/context/scope/refresh/RefreshScope.java  
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\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-  
jar/org/springframework/cloud/context/scope/thread/ThreadScope.java  
\* /opt/cola/permits/1135880253\_1613624225.6/0/spring-cloud-context-2-2-3-release-sources-1-  
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## 1.703 datatype 1.3.04

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Joseph Reagle <[site-policy@w3.org](mailto:site-policy@w3.org)>

Last revised by Reagle \$Date: 2005-06-03 18:49:13 -0400 (Fri, 03 Jun 2005) \$  
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## 1.708 crypto-browserify 3.12.0

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# 1.712 brave-instrumentation-http 5.12.3

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# 1.713 brave-instrumentation-spring-rabbit

## 5.12.3

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Eclipse

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\* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.

\* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.

\* org.eclipse.jetty.orbit:javax.mail.glassfish



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## Oracle

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<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

- \* javax.servlet:javax.servlet-api
- \* javax.annotation:javax.annotation-api
- \* javax.transaction:javax.transaction-api
- \* javax.websocket:javax.websocket-api

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## Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

- \* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.

<http://openjdk.java.net/legal/gplv2+ce.html>

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## OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of <http://asm.ow2.org/license.html>

org.ow2.asm:asm-commons  
org.ow2.asm:asm

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## Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec  
org.apache.taglibs:taglibs-standard-impl

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MortBay

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org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

<https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html>

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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## 1.716 slf4j-log4j 1.7.25

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## 1.717 process-nextick-args 2.0.1

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## 1.718 create-hmac 1.1.7

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## 1.719 core-js 3.13.1

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# 1.720 batik-i18n 1.11

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## 1.722 libxi 1.7.9-1

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# 1.724 error\_prone\_annotations 2.3.4

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```
* /opt/cola/permits/1177939649_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-
jar/com/google/errorprone/annotations/DoNotMock.java
* /opt/cola/permits/1177939649_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-
jar/com/google/errorprone/annotations/RestrictedApi.java
* /opt/cola/permits/1177939649_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-
jar/com/google/errorprone/annotations/MustBeClosed.java
* /opt/cola/permits/1177939649_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-
jar/com/google/errorprone/annotations/FormatMethod.java
* /opt/cola/permits/1177939649_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-
jar/com/google/errorprone/annotations/FormatString.java
* /opt/cola/permits/1177939649_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-
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\* /opt/cola/permits/1177939649\_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java  
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\* /opt/cola/permits/1177939649\_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-jar/com/google/errorprone/annotations/CheckReturnValue.java  
\* /opt/cola/permits/1177939649\_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-jar/com/google/errorprone/annotations/DoNotCall.java  
\* /opt/cola/permits/1177939649\_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java  
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\* /opt/cola/permits/1177939649\_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-jar/com/google/errorprone/annotations/Var.java  
\* /opt/cola/permits/1177939649\_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java  
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\* /opt/cola/permits/1177939649\_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-jar/com/google/errorprone/annotations/CompileTimeConstant.java  
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\* /opt/cola/permits/1177939649\_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-jar/com/google/errorprone/annotations/IncompatibleModifiers.java  
\* /opt/cola/permits/1177939649\_1625570689.35/0/error-prone-annotations-2-3-4-sources-8-jar/com/google/errorprone/annotations/SuppressPackageLocation.java

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  - \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/jaas/memory/InMemoryConfiguration.java
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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/CredentialsExpiredException.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/method/MapBasedMethodSecurityMetadataSource.java

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jar/org/springframework/security/access/intercept/InterceptorStatusToken.java  
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jar/org/springframework/security/access/annotation/Secured.java  
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jar/org/springframework/security/authentication/AuthenticationTrustResolver.java  
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jar/org/springframework/security/authentication/AuthenticationDetailsSource.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/AccessDeniedException.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/RememberMeAuthenticationToken.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/context/GlobalSecurityContextHolderStrategy.java  
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jar/org/springframework/security/access/event/AbstractAuthorizationEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/util/FieldUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/intercept/RunAsManager.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/jaas/event/JaasAuthenticationEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/LockedException.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/vote/UnanimousBased.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/userdetails/UsernameNotFoundException.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/vote/AbstractAclVoter.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/intercept/MethodInvocationPrivilegeEvaluator.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/event/AuthenticationCredentialsNotFoundEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/annotation/SecuredAnnotationSecurityMetadataSource.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/context/SecurityContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/util/SimpleMethodInvocation.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/BadCredentialsException.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/AnonymousAuthenticationProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/vote/ConsensusBased.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/userdetails/UserCache.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-

jar/org/springframework/security/authentication/AuthenticationProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/event/AuthorizationFailureEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/userdetails/jdbc/JdbcDaoImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/session/SessionRegistryImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/rcp/RemoteAuthenticationManagerImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/dao/DaoAuthenticationProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/annotation/Jsrs250MethodSecurityMetadataSource.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/intercept/aspectj/AspectJCallback.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/rcp/RemoteAuthenticationException.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/AuthenticationException.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/TestingAuthenticationProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/AuthenticationCredentialsNotFoundException.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/context/ThreadLocalSecurityContextHolderStrategy.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/session/SessionInformation.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/AuthenticationManager.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/InsufficientAuthenticationException.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/event/AuthenticationFailureLockedEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/event/AuthenticationFailureDisabledEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/AfterInvocationProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/ProviderNotFoundException.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/AnonymousAuthenticationToken.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/vote/AffirmativeBased.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/jaas/event/JaasAuthenticationFailedEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/context/SecurityContextHolder.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-

jar/org/springframework/security/authentication/RememberMeAuthenticationProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/event/LoggerListener.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/rcp/RemoteAuthenticationManager.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/AuthenticationTrustResolverImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/method/MethodSecurityMetadataSource.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/userdetails/User.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/context/SecurityContextHolderStrategy.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/userdetails/cache/EhCacheBasedUserCache.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/event/AuthorizedEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/event/LoggerListener.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/dao/AbstractUserDetailsAuthenticationProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/GrantedAuthority.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/SecurityMetadataSource.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/event/AuthenticationFailureBadCredentialsEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/TestingAuthenticationToken.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/context/InheritableThreadLocalSecurityContextHolderStrategy.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/SpringSecurityMessageSource.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/context/SecurityContextImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/util/InMemoryResource.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/userdetails/cache/NullUserCache.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/intercept/AfterInvocationProviderManager.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/intercept/AbstractSecurityInterceptor.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/AuthenticationServiceException.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/event/AuthenticationFailureProviderNotFoundEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-

jar/org/springframework/security/authentication/event/AbstractAuthenticationEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/AccessDecisionVoter.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/event/AuthenticationFailureProxyUntrustedEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/vote/RoleVoter.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/userdetails/UserDetails.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/Authentication.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/UsernamePasswordAuthenticationToken.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/intercept/RunAsImplAuthenticationProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/userdetails/UserDetailsService.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/AccessDecisionManager.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/jaas/JaasPasswordCallbackHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/intercept/NullRunAsManager.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/jaas/JaasGrantedAuthority.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/event/InteractiveAuthenticationSuccessEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/event/PublicInvocationEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/intercept/RunAsManagerImpl.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/jaas/JaasAuthenticationProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/jaas/JaasNameCallbackHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/AccountExpiredException.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/jaas/DefaultLoginExceptionResolver.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/rcp/RemoteAuthenticationProvider.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/jaas/JaasAuthenticationToken.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/method/AbstractMethodSecurityMetadataSource.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/jaas/AuthorityGranter.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-



jar/org/springframework/security/authentication/event/AuthenticationFailureExpiredEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/vote/AuthenticatedVoter.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/AuthorizationServiceException.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/ConfigAttribute.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/AbstractAuthenticationToken.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/jaas/SecurityContextLoginModule.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/jaas/event/JaasAuthenticationSuccessEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/intercept/aopalliance/MethodSecurityInterceptor.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/event/AuthenticationFailureServiceExceptionEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/userdetails/memory/UserAttribute.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/jaas/LoginExceptionResolver.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/intercept/RunAsUserToken.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/authentication/event/AuthenticationSuccessEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/SecurityConfig.java  
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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/crypto/bcrypt/BCrypt.java  
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/\*\*

\* Determines if the { @link #getAuthentication() } has permission to access the target  
\* given the permission  
\* @param target the target domain object to check permission on  
\* @param permission the permission to check on the domain object (i.e. "read",  
\* "write", etc).  
\* @return true if permission is granted to the { @link #getAuthentication() }, else  
\* false

\*/

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/access/expression/SecurityExpressionOperations.java

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/crypto/keygen/Base64StringKeyGenerator.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/provisioning/JdbcUserDetailsManager.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/crypto/password/Pbkdf2PasswordEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/crypto/password/MessageDigestPasswordEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authorization/AuthorityReactiveAuthorizationManager.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/concurrent/DelegatingSecurityContextCallable.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/CachingUserDetailsService.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/userdetails/ReactiveUserDetailsPasswordService.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/prepost/PrePostAdviceReactiveMethodInterceptor.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/jackson2/UnmodifiableListMixin.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/jackson2/BadCredentialsExceptionMixin.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/method/DefaultMethodSecurityExpressionHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/token/KeyBasedPersistenceTokenService.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/crypto/password/Md4PasswordEncoder.java  
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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/DelegatingReactiveAuthenticationManager.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/concurrent/DelegatingSecurityContextRunnable.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/scheduling/DelegatingSecurityContextTaskScheduler.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/Transient.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/jackson2/UnmodifiableListDeserializer.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/crypto/password/DelegatingPasswordEncoder.java  
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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/ProviderManager.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/DefaultAuthenticationEventPublisher.java  
\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/method/MethodSecurityEvaluationContext.java

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 */
/**
 * Reviews the Object returned from a secure object invocation, being able to
 * modify the Object or throw an AccessDeniedException.
 *
 * <p>
 * Typically used to ensure the principal is permitted to access the domain object
 * instance returned by a service layer bean. Can also be used to mutate the domain object
 * instance so the principal is only able to access authorised bean properties or
 * Collection elements.
 *
 * <p>
 * Special consideration should be given to using an AfterInvocationManager
 * on bean methods that modify a database. Typically an
 * AfterInvocationManager is used with read-only methods, such as
 * public DomainObject getById(id). If used with methods that modify a
 * database, a transaction manager should be used to ensure any
 * AccessDeniedException will cause a rollback of the changes made by the
 * transaction.
 *
 * </p>
 *
 * @author Ben Alex
 */
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/access/intercept/AfterInvocationManager.java
```

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/jackson2/CoreJackson2Module.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/jackson2/AnonymousAuthenticationTokenMixin.java

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/jackson2/UnmodifiableSetMixin.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/jackson2/SimpleGrantedAuthorityMixin.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-

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- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/method/MethodSecurityExpressionHandler.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/authority/mapping/MapBasedAttributes2GrantedAuthoritiesMapper.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/task/DelegatingSecurityContextTaskExecutor.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/hierarchicalroles/NullRoleHierarchy.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/provisioning/InMemoryUserDetailsManager.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/annotation/Js250Voter.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/authority/mapping/package-info.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/SecurityExpressionHandler.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/authority/GrantedAuthoritiesContainer.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/prepost/PrePostAnnotationSecurityMetadataSource.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/PermissionCacheOptimizer.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/prepost/PreFilter.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/vote/RoleHierarchyVoter.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/DenyAllPermissionEvaluator.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/event/package-info.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/userdetails/AuthenticationUserDetailsService.java



\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/method/DelegatingMethodSecurityMetadataSource.java

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/prepost/PostInvocationAdviceProvider.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/authority/SimpleGrantedAuthority.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/userdetails/cache/SpringCacheBasedUserCache.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/annotation/JsR250SecurityConfig.java

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/method/MethodSecurityExpressionOperations.java

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/authority/AuthorityUtils.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/method/ExpressionBasedAnnotationAttributeFactory.java

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/provisioning/MutableUserDetails.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/prepost/PreInvocationAttribute.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/jaas/memory/package-info.java

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/annotation/AnnotationMetadataExtractor.java

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/method/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/task/DelegatingSecurityContextAsyncTaskExecutor.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/concurrent/AbstractDelegatingSecurityContextSupport.java

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/prepost/PostInvocationAttribute.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/authority/mapping/Attributes2GrantedAuthoritiesMapper.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/token/Sha512DigestUtils.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/prepost/PostAuthorize.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/prepost/PostInvocationAuthorizationAdvice.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/annotation/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/hierarchicalroles/RoleHierarchyAuthoritiesMapper.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/parameters/DefaultSecurityParameterNameDiscoverer.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/prepost/PreInvocationAuthorizationAdvice.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/provisioning/GroupManager.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/dao/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/authority/mapping/NullAuthoritiesMapper.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/token/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/hierarchicalroles/RoleHierarchy.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/crypto/password/AbstractPasswordEncoder.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/token/DefaultToken.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/provisioning/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/userdetails/UserDetailsByNameServiceWrapper.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/intercept/aspectj/AspectJMethodSecurityInterceptor.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/provisioning/UserDetailsManager.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/authority/mapping/SimpleMappableAttributesRetriever.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/userdetails/memory/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/concurrent/DelegatingSecurityContextScheduledExecutorService.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/userdetails/jdbc/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/authority/mapping/MappableAttributesRetriever.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/method/MethodSecurityExpressionRoot.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/AuthenticationEventPublisher.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/method/package-info.java

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/AccountStatusUserDetailsChecker.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/prepost/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/event/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/intercept/aopalliance/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/method/PreInvocationExpressionAttribute.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/prepost/PreAuthorize.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/provisioning/MutableUser.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/method/AbstractFallbackMethodSecurityMetadataSource.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/authority/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/crypto/codecs/Hex.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/AbstractSecurityExpressionHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/hierarchicalroles/CycleInRoleHierarchyException.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/context/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/userdetails/UserDetailsChecker.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/token/TokenService.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/userdetails/cache/package-info.java

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/method/ExpressionBasedPostInvocationAdvice.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/expression/method/PostInvocationExpressionAttribute.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/intercept/package-info.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/authority/mapping/SimpleAuthorityMapper.java

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/jackson2/UserDeserializer.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/jackson2/UsernamePasswordAuthenticationTokenDeserializer.java

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/parameters/AnnotationParameterNameDiscoverer.java

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jar/org/springframework/security/core/context/ReactiveSecurityContextHolder.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/factory/PasswordEncoderFactories.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/authentication/ReactiveAuthenticationManager.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/authorization/ReactiveAuthorizationManager.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/core/parameters/P.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/password/Md4.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/password/PasswordEncoderUtils.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/core/userdetails/ReactiveUserDetailsService.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/core/userdetails/MapReactiveUserDetailsService.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/authorization/AuthenticatedReactiveAuthorizationManager.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/core/AuthenticatedPrincipal.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/authorization/AuthorizationDecision.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/core/SpringSecurityCoreVersion.java
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- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/ReactiveAuthenticationManagerAdapter.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/converter/RsaKeyConverters.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/access/hierarchicalroles/RoleHierarchyImpl.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/event/LogoutSuccessEvent.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/AuthenticationManagerResolver.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/crypto/scrypt/SCryptPasswordEncoder.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/ReactiveAuthenticationManagerResolver.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/AbstractUserDetailsReactiveAuthenticationManager.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/userdetails/UserDetailsPasswordService.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/token/SecureRandomFactoryBean.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/crypto/argon2/Argon2EncodingUtils.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/crypto/argon2/Argon2PasswordEncoder.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/authentication/UserDetailsRepositoryReactiveAuthenticationManager.java
- \* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/core/annotation/CurrentSecurityContext.java

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* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/keygen/StringKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/encrypt/BouncyCastleAesGcmBytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/encrypt/TextEncryptor.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/encrypt/BouncyCastleAesCbcBytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/keygen/SecureRandomBytesKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/password/StandardPasswordEncoder.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/encrypt/AesBytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/password/PasswordEncoder.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/util/EncodingUtils.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/keygen/SharedKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/password/NoOpPasswordEncoder.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/keygen/BytesKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/encrypt/BytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
jar/org/springframework/security/crypto/keygen/KeyGenerators.java
* /opt/ws_local/PERMITS_SQL/1072987865_1595248246.81/0/spring-security-core-5-3-3-release-sources-
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jar/org/springframework/security/crypto/encrypt/HexEncodingTextEncryptor.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-

jar/org/springframework/security/crypto/encrypt/BouncyCastleAesBytesEncryptor.java

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-

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\*

\* @param authentication represents the user in question. Should not be null.

\* @param targetDomainObject the domain object for which permissions should be

\* checked. May be null in which case implementations should return false, as the null

\* condition can be checked explicitly in the expression.

\* @param permission a representation of the permission object as supplied by the

\* expression system. Not null.

\* @return true if the permission is granted, false otherwise

\*/

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\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-

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\*/

/\*\*

\* A token issued by { @link TokenService }.

\*

\* <p>

\* It is important that the keys assigned to tokens are sufficiently randomised and  
\* secured that they can serve as identifying a unique user session. Implementations of  
\* { @link TokenService } are free to use encryption or encoding strategies of their choice.  
\* It is strongly recommended that keys are of sufficient length to balance safety against  
\* persistence cost. In relation to persistence cost, it is strongly recommended that  
\* returned keys are small enough for encoding in a cookie.

\* </p>

\*

\* @author Ben Alex

\* @since 2.0.1

\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-  
jar/org/springframework/security/core/token/Token.java

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\*/

/\*\*

\* Base64 encoder which is a reduced version of Robert Harder's public domain

\* implementation (version 2.3.7). See <a

\* href="http://iharder.sourceforge.net/current/java/base64/">http://iharder.sourceforge.net/current/java/base64/</a>

for more information.

\* <p>

\* For internal use only.

\*  
\* @author Luke Taylor  
\* @since 3.0  
\* @deprecated Use java.util.Base64  
\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1072987865\_1595248246.81/0/spring-security-core-5-3-3-release-sources-jar/org/springframework/security/crypto/codec/Base64.java

# 1.726 zipkin-sender-activemq-client 2.15.0

## 1.726.1 Available under license :

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Manifest-Version: 1.0  
Created-By: Apache Maven Bundle Plugin  
Build-Jdk-Spec: 13  
Automatic-Module-Name: zipkin2.reporter.activemq  
Bnd-LastModified: 1589702730253  
Build-Jdk: 13.0.2  
Built-By: travis  
Bundle-Description: Zipkin Reporter (Parent)  
Bundle-DocURL: <https://zipkin.io/>  
Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.txt>  
Bundle-ManifestVersion: 2  
Bundle-Name: Zipkin Sender: ActiveMQ Client 5.15.x  
Bundle-SymbolicName: io.zipkin.reporter2.zipkin-sender-activemq-client  
Bundle-Vendor: OpenZipkin  
Bundle-Version: 2.15.0  
Export-Package: zipkin2.reporter.activemq;version="2.15.0";uses="org.apache.activemq,zipkin2,zipkin2.codec,zipkin2.reporter"  
Import-Package: javax.jms;version="[1.1,2)",org.apache.activemq;version="[5.15,6)",org.apache.activemq.transport;version="[5.15,6)",zipkin2;version="[2.21,3)",zipkin2.codec;version="[2.21,3)",zipkin2.reporter;version="[2.15,3)"  
Originally-Created-By: Apache Maven Bundle Plugin  
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"  
Tool: Bnd-4.2.0.201903051501

Found in path(s):

\* /opt/cola/permits/1096695429\_1601878598.88/0/zipkin-sender-activemq-client-2-15-0-jar/META-INF/MANIFEST.MF

# 1.727 jcabi-manifests 1.1

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```
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 */
```

Found in path(s):

```
* /opt/cola/permits/1145228696_1618217528.28/0/jcabi-manifests-1-1-sources-1-
jar/com/jcabi/manifests/StreamsMfs.java
* /opt/cola/permits/1145228696_1618217528.28/0/jcabi-manifests-1-1-sources-1-jar/com/jcabi/manifests/Mfs.java
* /opt/cola/permits/1145228696_1618217528.28/0/jcabi-manifests-1-1-sources-1-
jar/com/jcabi/manifests/ServletMfs.java
* /opt/cola/permits/1145228696_1618217528.28/0/jcabi-manifests-1-1-sources-1-
jar/com/jcabi/manifests/FilesMfs.java
* /opt/cola/permits/1145228696_1618217528.28/0/jcabi-manifests-1-1-sources-1-
jar/com/jcabi/manifests/MfMap.java
* /opt/cola/permits/1145228696_1618217528.28/0/jcabi-manifests-1-1-sources-1-
jar/com/jcabi/manifests/Manifests.java
```

\* /opt/cola/permits/1145228696\_1618217528.28/0/jcabi-manifests-1-1-sources-1-jar/com/jcabi/manifests/package-info.java  
\* /opt/cola/permits/1145228696\_1618217528.28/0/jcabi-manifests-1-1-sources-1-jar/com/jcabi/manifests/ClasspathMfs.java

## 1.728 deep-diff 0.3.8

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## 1.729 bowser 1.9.4

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## 1.736 reselect 4.0.0

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```
<one line to give the program's name and a brief idea of what it does.>
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```

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```
Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

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```
Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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Version 3, 29 June 2007

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```
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```

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```
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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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The End

## 1.749 inherits 2.0.3

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## 1.750 netflix-commons-util 0.3.0

## 1.751 browserify-sign 4.2.1

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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/package.html
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/signature/package.html
No license file was found, but licenses were detected in source scan.
```

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```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/signature/SignatureWriter.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/Constants.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/ByteVector.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/Edge.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/Frame.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/signature/SignatureReader.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/MethodTooLargeException.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/TypeReference.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/signature/SignatureVisitor.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/Type.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/ModuleWriter.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/CurrentFrame.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/Opcodes.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
jar/net/bytebuddy/jar/asm/MethodVisitor.java
* /opt/ws_local/PERMITS_SQL/1074307545_1595728037.67/0/byte-buddy-1-9-4-sources-
```

jar/net/bytebuddy/jar/asm/ClassWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/ModuleVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/AnnotationVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/ClassVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/MethodWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/FieldVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/Attribute.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/SymbolTable.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/FieldWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/ConstantDynamic.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/ClassReader.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/AnnotationWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/ClassTooLargeException.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/TypePath.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/Handler.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/Context.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/Label.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/Symbol.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/jar/asm/Handle.java

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Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-jar/META-INF/MANIFEST.MF

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\*/

Found in path(s):

\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/MethodCall.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/HasSuperTypeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/build/Plugin.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/DeclaringAnnotationMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/assign/primitive/voidAwareAssigner.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/attribute/FieldAttributeAppender.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/modifier/MethodStrictness.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/subclass/ConstructorStrategy.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/SubTypeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/type/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/auxiliary/AuxiliaryType.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/field/FieldList.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/ClassFileLocator.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/Empty.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/inline/MethodNameTransformer.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-

jar/net/bytebuddy/description/modifier/SynchronizationState.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/NullMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/inline/MethodRebaseResolver.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/utility/visitor/LineNumberPrependingMethodVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/utility/visitor/ExceptionTableSensitiveMethodVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/ByteCodeAppender.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/MethodAccessorFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/constant/LongConstant.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/TypeResolutionStrategy.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/annotation/AnnotationValue.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/build/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/modifier/SyntheticState.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/utility/visitor/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/loading/ClassLoadingStrategy.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/ToStringMethod.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/InvocationHandlerAdapter.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/CollectionErasureMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/MethodDelegationBinder.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/attribute/MethodAttributeAppender.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/assign/primitive/PrimitiveBoxingDelegate.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/ExceptionMethod.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/loading/ClassInjector.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/MethodParameterTypesMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/modifier/ParameterManifestation.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-

jar/net/bytebuddy/description/modifier/MethodManifestation.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/SuperTypeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/SuperMethod.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/InstrumentedType.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/Implementation.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/CollectionSizeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/type/TypeDefinition.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/TypeInitializer.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/inline/InliningImplementationMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/BindingPriority.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/DefaultMethod.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/loading/ClassReloadingStrategy.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/modifier/Visibility.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/loading/InjectionClassLoader.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/ClassWriterStrategy.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/Pipe.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/Removal.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/member/HandleInvocation.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/build/BuildLogger.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/ModifierMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/TypeVariableSource.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/StackSize.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/enumeration/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/annotation/AnnotationList.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-

jar/net/bytebuddy/implementation/bytecode/member/MethodInvocation.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/build/HashCodeAndEqualsPlugin.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/inline/RebaseDynamicTypeBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/asm/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/subclass/SubclassImplementationTarget.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/asm/MemberSubstitution.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/method/MethodDescription.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/auxiliary/TrivialType.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/InheritedAnnotationMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/build/ToStringPlugin.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/FieldRegistry.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/NamedElement.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/SuperCall.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/NamingStrategy.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/auxiliary/PrivilegedMemberLookupAction.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/AccessibilityMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/agent/builder/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/utility/StreamDrainer.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/FixedValue.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/LatentMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/assign/primitive/PrimitiveTypeAwareAssigner.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/NegatingMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/asm/TypeReferenceAdjustment.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-



jar/net/bytebuddy/description/type/PackageDescription.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/loading/NoOpClassFileTransformer.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/HashCodeMethod.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/NexusAccessor.java  
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\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/SignatureTokenMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/subclass/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/ParameterLengthResolver.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/assign/InstanceCheck.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/pool/TypePool.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/loading/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/utility/JavaConstant.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/BooleanMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/DeclaredByType.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/MethodExceptionTypeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/agent/builder/AgentBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/modifier/ModifierContributor.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/utility/JavaType.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/utility/CompoundList.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/assign/primitive/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/VisibilityMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/PrimitiveTypeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/assign/reference/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-

jar/net/bytebuddy/dynamic/DynamicType.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/RuntimeType.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/utility/privilege/SetAccessibleAction.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/attribute/TypeAttributeAppender.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/inline/RedefinitionDynamicTypeBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/loading/MultipleParentClassLoader.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/ByteCodeElement.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/utility/visitor/StackAwareMethodVisitor.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/subclass/SubclassDynamicTypeBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/ArgumentTypeResolver.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/method/MethodList.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/member/FieldAccess.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/LoadedTypeInitializer.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/MethodNameEqualityResolver.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/TypeCache.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/DefinedShapeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/ElementMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/asm/TypeConstantAdjustment.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/TypeValidation.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/ArrayTypeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/assign/primitive/PrimitiveUnboxingDelegate.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/asm/Advice.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-

jar/net/bytebuddy/dynamic/loading/ByteArrayClassLoader.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/member/MethodVariableAccess.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/build/CachedReturnPlugin.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/NameMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/Default.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/StringMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/modifier/Ownership.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/collection/CollectionFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/method/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/collection/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/MethodSortMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/MethodGraph.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/TargetMethodAnnotationDrivenBinder.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/agent/builder/LambdaFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/Morph.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/loading/PackageDefinitionStrategy.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/Super.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/TargetType.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/asm/ModifierAdjustment.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/EqualsMethod.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/auxiliary/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/MethodDelegation.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/inline/RebaseImplementationTarget.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/TypeSortMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-

jar/net/bytebuddy/implementation/bytecode/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/Origin.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/attribute/AnnotationRetention.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/constant/IntegerConstant.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/inline/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/annotation/AnnotationDescription.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/FailSafeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/inline/DecoratingDynamicTypeBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/inline/AbstractInliningDynamicTypeBuilder.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/type/TypeDescription.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/MethodParametersMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/constant/FieldConstant.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/ErasureMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/Addition.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/asm/MemberRemoval.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/auxiliary/TypeProxy.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/AllArguments.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/agent/builder/ResettableClassFileTransformer.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/ByteBuddy.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/utility/JavaModule.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/CollectionElementMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/build/EntryPoint.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/constant/TextConstant.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-

jar/net/bytebuddy/implementation/bytecode/Multiplication.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/modifier/EnumerationState.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/DescriptorMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/FieldTypeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/method/ParameterList.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/TypeCreation.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/DeclaringTypeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/constant/JavaConstantValue.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/attribute/AnnotationAppender.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/FilterableList.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/attribute/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/type/TypeVariableToken.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/StubMethod.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/constant/NullConstant.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/MethodOverrideMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/Throw.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/annotation/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/TypeWriter.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/MethodRegistry.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/constant/DefaultValue.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/MethodParameterTypeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/utility/RandomString.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/ClassFileVersion.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-

jar/net/bytebuddy/description/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/assign/primitive/PrimitiveWideningDelegate.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/StackManipulation.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/scaffold/FieldLocator.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/DeclaringTypeResolver.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/collection/ArrayFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/collection/ArrayAccess.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/EqualityMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/ClassLoaderHierarchyMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/attribute/AnnotationValueFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/pool/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/assign/reference/ReferenceTypeAwareAssigner.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/DeclaringMethodMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/FieldProxy.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/This.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/modifier/MethodArguments.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/MethodReturnTypeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/constant/SerializedConstant.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/FieldAccessor.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/CollectionOneToOneMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/modifier/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/InvokeDynamic.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/member/MethodReturn.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/constant/MethodConstant.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-

jar/net/bytebuddy/description/ModifierReviewable.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/type/TypeList.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/member/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/enumeration/EnumerationDescription.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/auxiliary/MethodCallProxy.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/modifier/FieldManifestation.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/AnnotationTypeMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bind/annotation/Argument.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/SuperMethodCall.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/DefaultMethodCall.java  
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jar/net/bytebuddy/utility/package-info.java  
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jar/net/bytebuddy/description/method/ParameterDescription.java  
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jar/net/bytebuddy/implementation/bytecode/Duplication.java  
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jar/net/bytebuddy/matcher/ClassLoaderParentMatcher.java  
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jar/net/bytebuddy/asm/AsmVisitorWrapper.java  
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jar/net/bytebuddy/utility/visitor/MetadataAwareClassVisitor.java  
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jar/net/bytebuddy/implementation/bytecode/assign/Assigner.java  
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jar/net/bytebuddy/implementation/bytecode/assign/TypeCasting.java  
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jar/net/bytebuddy/description/modifier/ProvisioningState.java  
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jar/net/bytebuddy/implementation/bind/annotation/StubValue.java  
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jar/net/bytebuddy/matcher/IsNamedMatcher.java  
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jar/net/bytebuddy/matcher/DeclaringFieldMatcher.java  
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jar/net/bytebuddy/utility/privilege/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/Transformer.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/constant/ClassConstant.java  
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jar/net/bytebuddy/implementation/bytecode/assign/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/dynamic/Nexus.java  
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jar/net/bytebuddy/description/field/FieldDescription.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/implementation/bytecode/constant/FloatConstant.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/CachingMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/utility/privilege/GetSystemPropertyAction.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/matcher/CollectionItemMatcher.java  
\* /opt/ws\_local/PERMITS\_SQL/1074307545\_1595728037.67/0/byte-buddy-1-9-4-sources-  
jar/net/bytebuddy/description/modifier/FieldPersistence.java

# 1.754 json-java 20200518

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[PCRE]

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## THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel  
Email local part: ph10  
Email domain: cam.ac.uk

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 */
```

-----  
[zlib]

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.3, July 18th, 2005
```

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

\*/

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[dialyzer]

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[hipe]

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[edoc, syntax\_tools]

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[eunit]

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[eldap]

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## 1.761 babel-runtime 7.7.2

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```
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/PemValue.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/DelegatingSslContext.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/PemX509Certificate.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/flow/package-info.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
```



jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/PemEncoded.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/Java8SslUtils.java  
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jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/flush/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java  
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jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/PemPrivateKey.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/flush/FlushConsolidationHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslCertificateException.java  
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jar/io/netty/handler/ssl/SslCloseCompletionEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/JdkAlpnSslUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java

\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/OptionalSslHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/ocsp/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/SslCompletionEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/SniCompletionEvent.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java  
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\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/AbstractSniHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/JdkAlpnSslEngine.java

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\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/PemReader.java

\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java

\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ipfilter/IpFilterRule.java

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jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java  
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jar/io/netty/handler/ssl/JdkSslContext.java  
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jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/ApplicationProtocolUtil.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java  
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jar/io/netty/handler/ssl/SslUtils.java  
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jar/io/netty/handler/ssl/CipherSuiteConverter.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/JdkSslClientContext.java  
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jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java  
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jar/io/netty/handler/ssl/OpenSslServerSessionContext.java  
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jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java  
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jar/io/netty/handler/ssl/SslProvider.java  
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jar/io/netty/handler/ssl/ApplicationProtocolConfig.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java  
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jar/io/netty/handler/ssl/SniHandler.java  
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jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java  
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jar/io/netty/handler/ssl/OpenSslSessionContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/OpenSsl.java  
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jar/io/netty/handler/ipfilter/package-info.java  
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jar/io/netty/handler/ssl/OpenSslServerContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-

jar/io/netty/handler/ssl/OpenSslSessionStats.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java  
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jar/io/netty/handler/ssl/JdkSslEngine.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/SslContext.java  
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\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ipfilter/IpFilterRuleType.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/CipherSuiteFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
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\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java  
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jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ipfilter/UniqueIpFilter.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/JettyNpnSslEngine.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslX509Certificate.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/Java7SslParametersUtils.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
jar/io/netty/handler/ssl/OpenSslClientContext.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-  
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Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/ssl/util/SelfSignedCertificate.java
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* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/traffic/GlobalChannelTrafficShapingHandler.java
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\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/address/package-info.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/KeyManagerFactoryWrapper.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/SslMasterKeyHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/address/DynamicAddressConnectHandler.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/PseudoRandomFunction.java  
\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/TrustManagerFactoryWrapper.java

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jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/traffic/TrafficCounter.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/traffic/package-info.java
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* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/META-
INF/maven/io.netty/netty-handler/pom.xml
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jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/ssl/OpenSslSession.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/ssl/OpenSslTlsv13X509ExtendedTrustManager.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/ssl/OpenSslPrivateKey.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
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\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/SslHandshakeCompletionEvent.java

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\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/logging/ByteBufFormat.java

\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java

\* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/address/ResolveAddressHandler.java

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- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/timeout/ReadTimeoutHandler.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/logging/LoggingHandler.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/stream/ChunkedWriteHandler.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/timeout/IdleState.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/timeout/ReadTimeoutException.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/logging/LogLevel.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/stream/ChunkedFile.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/timeout/WriteTimeoutException.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/util/package-info.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/stream/package-info.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/stream/ChunkedNioStream.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/NotSslRecordException.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/stream/ChunkedNioFile.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/stream/ChunkedStream.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/package-info.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/timeout/TimeoutException.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/timeout/package-info.java

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* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/timeout/IdleStateEvent.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/timeout/IdleStateHandler.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
jar/io/netty/handler/ssl/SslHandler.java
* /opt/ws_local/PERMITS_SQL/1068233959_1594326118.13/0/netty-handler-4-1-50-final-sources-1-
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- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/ClientAuth.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
- \* /opt/ws\_local/PERMITS\_SQL/1068233959\_1594326118.13/0/netty-handler-4-1-50-final-sources-1-jar/io/netty/handler/ssl/SslContextBuilder.java

## 1.766 ribbon 2.3.0

## 1.767 jakarta-websocket-api 1.1.2

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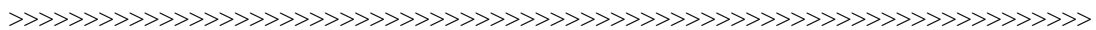
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