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Text Part Number: 78EE117C99-1747687017

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 */
```

Found in path(s):

```
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/Tag.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/ApiResponse.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/ApiImplicitParam.java
*
/opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/ExternalDocs.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/SwaggerDefinition.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/AuthorizationScope.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/ApiResponses.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/Contact.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/ApiOperation.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/ExtensionProperty.java
*
/opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/ApiModelProperty.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
```

jar/io/swagger/annotations/Authorization.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/Extension.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/License.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/ApiImplicitParams.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/ApiParam.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/ApiModel.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/Info.java
*
/opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/ResponseHeader.java
* /opt/cola/permits/128230583_1695294117.2309287/0/swagger-annotations-1-5-3-sources-
jar/io/swagger/annotations/Api.java

1.5 antlr 3.5.2

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1.6 expiringmap 0.5.8

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1.7 json-simple 1.1.1

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1.9 copy-concurrently 1.0.5

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- package org.aspectj.internal.lang.annotation;

1.13 aspectj-tools 1.8.13

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1.14 h2 1.4.197

1.15 animal-sniffer-annotation 1.17

1.16 httpcomponents-core 4.4.10

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1.17 Lucene 7.4.0

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Jdom-contrib version 1.1.3

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[1] <https://github.com/hunterhacker/jdom/blob/master/LICENSE.txt>

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about.md file

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May 22, 2015

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BUILD: 2016-02-13 19:37:50+01:00

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Morfologik

VERSION: 2.1 PoliMorf
BUILD: 2016-02-13 19:37:51+01:00
GIT: 6e63b53

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`analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt`,
`analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt`,
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light stemmers
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`analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java`
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`analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java`
`analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java`
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`analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java`
`analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java`
`analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java`
`analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java`

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CyberNeko HTML Parser

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NekoHTML is a simple HTML scanner and tag balancer that enables application programmers to parse HTML documents and access the information using standard XML interfaces. The parser can scan HTML files and "fix up" many common mistakes that human (and computer) authors make in writing HTML documents. NekoHTML adds missing parent elements; automatically closes elements with optional end tags; and can handle mismatched inline element tags.

NekoHTML is written using the Xerces Native Interface (XNI) that is the foundation of the Xerces2 implementation. This enables you to use the NekoHTML parser with existing XNI tools without modification or rewriting code.

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1.20 lucene-queryparser 7.4.0

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analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
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1.22 failureaccess 1.0.1

1.23 jul-to-slf4j 1.7.26

1.24 config 1.3.3

1.25 profiler 1.0.2

1.26 hikaricp-java7 2.4.13

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zip/com/zaxxer/hikari/metrics/MetricsTracker.java
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/opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-
zip/com/zaxxer/hikari/metrics/MetricsTrackerFactory.java
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zip/com/zaxxer/hikari/pool/PoolBase.java

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zip/com/zaxxer/hikari/metrics/prometheus/HikariCPCollector.java

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zip/com/zaxxer/hikari/pool/ProxyPreparedStatement.java
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zip/com/zaxxer/hikari/util/PropertyElf.java
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zip/com/zaxxer/hikari/HikariDataSource.java
- * /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-
zip/com/zaxxer/hikari/hibernate/HikariConnectionProvider.java
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zip/com/zaxxer/hikari/HikariPoolMXBean.java
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zip/com/zaxxer/hikari/pool/ProxyLeakTask.java  
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/opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-  
zip/com/zaxxer/hikari/pool/ProxyResultSet.java  
* /opt/cola/permits/203480980_1651176812.86/0/hikaricp-java7-2-4-13-sources-  
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1.27 jetty-client 9.4.18.v20190429

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1.41 proto-google-common-protos 1.12.0

1.42 commons-digester 2.1

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1.43 guice 4.0

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1.44 protobuf-java 3.7.1

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* /opt/cola/permits/1001183670_1646171634.78/0/protobuf-java-3-7-1-sources-jar/com/google/protobuf/ProtobufArrayList.java
* /opt/cola/permits/1001183670_1646171634.78/0/protobuf-java-3-7-1-sources-jar/com/google/protobuf/ExperimentalApi.java
* /opt/cola/permits/1001183670_1646171634.78/0/protobuf-java-3-7-1-sources-jar/com/google/protobuf/MessageLiteOrBuilder.java
* /opt/cola/permits/1001183670_1646171634.78/0/protobuf-java-3-7-1-sources-jar/com/google/protobuf/ServiceException.java
* /opt/cola/permits/1001183670_1646171634.78/0/protobuf-java-3-7-1-sources-jar/com/google/protobuf/MessageOrBuilder.java
* /opt/cola/permits/1001183670_1646171634.78/0/protobuf-java-3-7-1-sources-jar/google/protobuf/any.proto
* /opt/cola/permits/1001183670_1646171634.78/0/protobuf-java-3-7-1-sources-jar/com/google/protobuf/UnknownFieldSetLite.java
* /opt/cola/permits/1001183670_1646171634.78/0/protobuf-java-3-7-1-sources-jar/google/protobuf/descriptor.proto
*
/opt/cola/permits/1001183670_1646171634.78/0/protobuf-java-3-7-1-sources-jar/com/google/protobuf/UninitializedMessageException.java
* /opt/cola/permits/1001183670_1646171634.78/0/protobuf-java-3-7-1-sources-jar/com/google/protobuf/IterableByteBufferInputStream.java
* /opt/cola/permits/1001183670_1646171634.78/0/protobuf-java-3-7-1-sources-jar/com/google/protobuf/FieldSet.java

1.45 metrics-jvm 4.1.0

1.46 swagger-core 1.5.3

1.47 swagger 1.5.3

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```
package io.swagger.models;

public class License {
    private String name;
    private String url;

    public License name(String name) {
        setName(name);
        return this;
    }

    public License url(String url) {
        setUrl(url);
        return this;
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public String getUrl() {
        return url;
    }

    public void setUrl(String url) {
        this.url = url;
    }

    @Override
    public int hashCode() {
        final int prime = 31;
        int result = 1;
        result = prime * result + ((name == null) ? 0 : name.hashCode());
        result = prime * result + ((url == null) ? 0 : url.hashCode());
        return result;
    }

    @Override
    public boolean equals(Object obj) {
        if (this == obj) {
            return true;
        }
        if (obj == null) {
```

```

        return false;
    }
    if (getClass()
!= obj.getClass()) {
        return false;
    }
    License other = (License) obj;
    if (name == null) {
        if (other.name != null) {
            return false;
        }
    } else if (!name.equals(other.name)) {
        return false;
    }
    if (url == null) {
        if (other.url != null) {
            return false;
        }
    } else if (!url.equals(other.url)) {
        return false;
    }
    return true;
}
}

```

1.48 apr 1.6.5

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From strings/apr_fnmatch.c, include/apr_fnmatch.h, misc/unix/getopt.c, file_io/unix/mktemp.c, strings/apr_strings.c:

```
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```

From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

```
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 *
```

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From dso/aix/dso.c:

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From strings/apr_strnatcmp.c,
include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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From

strings/apr_snprintf.c:

*

* cvt - IEEE floating point formatting routines.

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*

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1.51 opencensus-api 0.21.0

1.52 commons-beanutils 1.9.4

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1.54 iconv 2.28

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1.55 commons-codec 1.13

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1.56 jedis 3.1.0

1.57 ip 1.1.5

1.58 uuid 3.4.0

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```
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/*
* UUID.java
*
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/*

* MACAddressParserTest.java

*

* Created 30.01.2006.

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/*

* Hex.java

*

* Created 04.07.2003.

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1.59 zlib 1.2.11-r3

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1.60 commons-compress 1.19

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1.61 hamcrest 1.3

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man/bitstring.3bsd
man/errc.3bsd
man/explicit_bzero.3bsd
man/fgetln.3bsd
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man/unvis.3bsd

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src/getbsize.c
src/heapsort.c
src/merge.c
src/nlist.c
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src/arc4random_uniform.c
src/arc4random_unix.h
src/arc4random_win.h
src/closefrom.c
src/getentropy_aix.c
src/getentropy_bsd.c
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1.71 dash 0.5.10.2-6

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1.73 scala 2.11.12

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not-a-legal-formal-parameter-tuple.scala:2: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function: `{ case (a, b) => ... }`

```
val x: ((Int, Int) => Int) = (((a, b)) => a)
```

^

not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the Tuple2,

or consider a pattern matching anonymous function: `{ case (param1, param2) => ... }`

```
val y: ((Int, Int, Int) => Int) = (((a, !)) => a)
```

^

not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.

Note: Tuples cannot be directly destructured in method or function parameters.

Either create a single parameter accepting the

Tuple3,

or consider a pattern matching anonymous function: `{ case (param1, ..., param3) => ... }`

```
val z: ((Int, Int, Int) => Int) = (((a, NotAPatternVariableName, c)) => a)
```

^

three errors found

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1.74 grpc-context 1.22.1

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```
*/opt/ws_local/PERMITS_SQL/1012666591_1591899980.89/0/grpc-context-1-22-1-sources-
jar/io/grpc/Context.java
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Found in path(s):

```
*/opt/ws_local/PERMITS_SQL/1012666591_1591899980.89/0/grpc-context-1-22-1-sources-
jar/io/grpc/ThreadLocalContextStorage.java
*/opt/ws_local/PERMITS_SQL/1012666591_1591899980.89/0/grpc-context-1-22-1-sources-
jar/io/grpc/Deadline.java
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* /opt/ws_local/PERMITS_SQL/1012666591_1591899980.89/0/grpc-context-1-22-1-sources-jar/io/grpc/PersistentHashMapMappedTrie.java

1.75 grpc-core 1.22.1

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* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ServiceConfigState.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/TransportProvider.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/util/ForwardingSubchannel.java
*

/opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ManagedChannelServiceConfig.java

* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/util/ForwardingClientStreamTracer.java

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* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ObjectPool.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/SubchannelChannel.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/FailingClientStream.java
*
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ConnectivityStateManager.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/FailingClientTransport.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ManagedClientTransport.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/StatsTraceContext.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/OobChannel.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/util/RoundRobinLoadBalancer.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/InUseStateAggregator.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/CensusStatsModule.java
*
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/inprocess/InProcessSocketAddress.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/MetadataApplierImpl.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/CallCredentialsApplyingTransportFactory.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ForwardingConnectionClientTransport.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-

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jar/io/grpc/internal/ConnectionClientTransport.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/InternalHandlerRegistry.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/ManagedChannelImpl.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/AbstractSubchannel.java
*
/opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/ClientTransport.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/CensusTracingModule.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/LogExceptionRunnable.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/SharedResourcePool.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/KeepAliveManager.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/PickSubchannelArgsImpl.java
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* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/inprocess/InProcessServerBuilder.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/ContextRunnable.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/NoopClientStream.java
*
/opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/inprocess/InProcessServer.java
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* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ServerTransport.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/InternalServer.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/WritableBufferAllocator.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/DnsNameResolver.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/DnsNameResolverProvider.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/DelayedClientTransport.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ServerCallImpl.java
*
/opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/inprocess/package-info.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/BackoffPolicy.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/PickFirstLoadBalancer.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/inprocess/InProcessTransport.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/InternalSubchannel.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/WritableBuffer.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/inprocess/InProcessChannelBuilder.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/Http2Ping.java
*
/opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/package-info.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/DelayedStream.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ExponentialBackoffPolicy.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/SerializeReentrantCallsDirectExecutor.java
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* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ServerStreamListener.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/SerializingExecutor.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ReadableBuffer.java
*
/opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/AbstractClientStream.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/AbstractManagedChannelImplBuilder.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ServerImpl.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ClientStreamListener.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/AbstractReadableBuffer.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/Stream.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/TransportFrameUtil.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ServerTransportListener.java
*
/opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ForwardingReadableBuffer.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/MessageFramer.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/CompositeReadableBuffer.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/AbstractStream.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/AbstractServerStream.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ServerStream.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-

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jar/io/grpc/internal/StreamListener.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/GrpcUtil.java
*
/opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/ClientStream.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/util/MutableHandlerRegistry.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/SharedResourceHolder.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/ReadableBuffers.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/ClientTransportFactory.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/Http2ClientStreamTransportState.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/ServerListener.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/ClientCallImpl.java
*
/opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/AbstractServerImplBuilder.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/MessageDeframer.java
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```
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/AtomicBackoff.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/AtomicLongCounter.java
```

```

* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/Deframer.java
*
/opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/Framer.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/OverrideAuthorityNameResolverFactory.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/TransportTracer.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/util/package-
info.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/CallTracer.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/ApplicationThreadDeframer.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/TimeProvider.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/RetriableStream.java
*
/opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/util/TransmitStatusRuntimeExceptionInterceptor.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/GrpcAttributes.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/LongCounterFactory.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/ProxyDetectorImpl.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/ReflectionLongAdderCounter.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/GzipInflatingBuffer.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/FixedObjectPool.java
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/ForwardingNameResolver.java
*
/opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-
jar/io/grpc/internal/LongCounter.java
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- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/RetryPolicy.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/Rescheduler.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ChannelLoggerImpl.java
- *
- /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ChannelTracer.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/IndiResourceResolverFactory.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ForwardingManagedChannel.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ForwardingClientStreamListener.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/util/ForwardingLoadBalancer.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/JsonParser.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ServiceConfigUtil.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ServerCallInfoImpl.java
- *
- /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/AutoConfiguredLoadBalancerFactory.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/util/ForwardingLoadBalancerHelper.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ServiceConfigInterceptor.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/DeprecatedCensusConstants.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ForwardingClientStream.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/PickFirstLoadBalancerProvider.java
- * /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-jar/io/grpc/internal/ManagedChannelOrphanWrapper.java

```
* /opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-  
jar/io/grpc/internal/HedgingPolicy.java  
*  
/opt/ws_local/PERMITS_SQL/1013689297_1591363878.75/0/grpc-core-1-22-1-sources-  
jar/io/grpc/util/SecretRoundRobinLoadBalancerProvider.java
```

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* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/InternalChannelz.java

* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/PartialForwardingClientCall.java

*

/opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ChannelLogger.java

* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/SynchronizationContext.java

* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/PartialForwardingClientCallListener.java

* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/InternalManagedChannelProvider.java

* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/InternalClientInterceptors.java

* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/LoadBalancerRegistry.java

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* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/InternalServiceProviders.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ClientStreamTracer.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/InternalInstrumented.java
*
/opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ForwardingChannelBuilder.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/InternalServerInterceptors.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/StreamTracer.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/InternalLogId.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ServerStreamTracer.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/InternalStatus.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ProxyDetector.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ServiceProviders.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/InternalWithLogId.java

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* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/InternalCallOptions.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/NameResolverRegistry.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ProxiedSocketAddress.java
*

/opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/HttpConnectProxiedSocketAddress.java

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jar/io/grpc/CallCredentials2.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/SecurityLevel.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/InternalMetadata.java
*

/opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ConnectivityState.java

* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-

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jar/io/grpc/ServiceDescriptor.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/BindableService.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/NameResolverProvider.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/Grpc.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/InternalMethodDescriptor.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/InternalNotifyOnServerBuild.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/InternalDecompressorRegistry.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/CallCredentials.java
*
/opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ConnectivityStateInfo.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/LoadBalancer.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ServerTransportFilter.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/InternalKnownTransport.java
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```

```

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```

Found in path(s):

```

* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/Status.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/Metadata.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/Drainable.java
*
/opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ServerMethodDefinition.java

```

```
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/Channel.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ServerCall.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ClientCall.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/MethodDescriptor.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ServerInterceptors.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/KnownLength.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ClientInterceptors.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ServerCallHandler.java
*
/opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ServerInterceptor.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ServerServiceDefinition.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/Server.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/ClientInterceptor.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/HandlerRegistry.java
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```

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```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/CompressorRegistry.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/PartialForwardingServerCallListener.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/StatusRuntimeException.java
```

```

*
/opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/PartialForwardingServerCall.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/EquivalentAddressGroup.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/Codec.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/package-
info.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ManagedChannelProvider.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/NameResolver.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/CallOptions.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ForwardingServerCallListener.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ManagedChannelBuilder.java
*
/opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/Decompressor.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ServerProvider.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ForwardingServerCall.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ExperimentalApi.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ManagedChannel.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/Internal.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/Contexts.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ForwardingClientCallListener.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/DecompressorRegistry.java
*
/opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/Compressor.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ServerBuilder.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/StatusException.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-
jar/io/grpc/ForwardingClientCall.java
* /opt/ws_local/PERMITS_SQL/1013689271_1591899434.79/0/grpc-api-1-22-1-sources-jar/io/grpc/Attributes.java

```


1.78 diffutils 1:3.7-3

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1.79 grpc-netty-shaded 1.22.1

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1.80 jline 2.14.5

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1.81 jffi 1.2.20

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1.82 libxrender 0.9.10-1

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1.83 libxtst 1.2.3-1

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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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1.85 bouncycastle-fips 1.0.2

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1.86 jacoco-agent 0.8.4

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1.87 ssl-config-core 0.3.8

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1.88 cobra 1.4.0

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1.89 libcap-ng 0.7.9-2.1build1

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```
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```

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```
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```

```
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```

```
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1.91 findutils 4.7.0-1ubuntu1

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1.92 libxcb 1.14-2

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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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1.97 vixie-cron 3.0pl1-136ubuntu1

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* Send bug reports, bug fixes, enhancements, requests, flames, etc., and
* I'll try to keep a version up to date. I can be reached as follows:
* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
*/
```

Found in path(s):

```
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/database.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/misc.c
*
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/job.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/compat.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/do_command.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/user.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/config.h
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/entry.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.h
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/crontab.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/env.c
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.c
```

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.\" WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
.\"
.\" @(#)bitstring.3 5.1
.\" (Berkeley) 12/13/89
.\"
```

Found in path(s):

```
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/bitstring.3
```

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```

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.\/* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
.\*/
.\"
.\" $Id: crontab.1,v 2.4 1993/12/31 10:47:33 vixie Exp $
.\"
```

Found in path(s):

*

/opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/crontab.1

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* I'll try to keep a version up to date. I can be reached as follows:
* Paul Vixie <paul@vix.com> uunet!decwrl!vixie!paul
*/
```

Found in path(s):

* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/compat.h

* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/pathnames.h

*
/opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/externs.h
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.\" * Paul Vixie    <paul@vix.com>    uunet!decwrl!vixie!paul
.\" */
.\"
.\" $Id: cron.8,v 2.2 1993/12/28 08:34:43 vixie Exp $
.\"
```

Found in path(s):

*
/opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/cron.8
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* I'll try to keep a version up to date. I can be reached as follows:
* Paul Vixie    <paul@vix.com>    uunet!decwrl!vixie!paul
*/

$Id: INSTALL,v 2.5 1994/01/15 20:43:43 vixie Exp $
```


Read the comments at the top of the Makefile, then edit the area marked 'configurable stuff'.

Edit config.h. The stuff I expect you to change is down a bit from the top of the file, but it's clearly marked. Also look at pathnames.h.

You don't have to create the /var/cron or /var/cron/tabs directories, since both the daemon and the `crontab' program will do this the first time they run if they don't exist. You do need to have a /var, though -- just "mkdir /var" if you don't have one, or you can "mkdir /usr/var; ln -s /usr/var /var" if you expect your /var to have a lot of stuff in it.

You will also need /usr/local/etc and /usr/local/bin directories unless you change the Makefile. These will have to be created by hand, but if you are a long-time Usenet user you probably have them already. /usr/local/man is where I keep my man pages, but I have the source for `man' and you probably do not. Therefore you may have to put the man pages into /usr/man/man1, which will be hard since there will be name collisions. (Note that the man command was originally written by Bill Joy before he left Berkeley, and it contains no AT&T code, so it is in UUNET's archive of freely-distributable BSD code.)

LINUX note: /usr/include/paths.h on some linux systems shows _PATH_SENDMAIL to be /usr/bin/sendmail even though sendmail is installed in /usr/lib. you should check this out.

say:
make all

su and say:
make install

Note that if I can get you to "su and say" something just by asking, you have a very serious security problem on your system and you should look into it.

Edit your /usr/lib/crontab file into little pieces -- see the CONVERSION file for help on this.

Use the `crontab' command to install all the little pieces you just created. Some examples (see below before trying any of these!)

```
crontab -u uucp -r /usr/lib/uucp/crontab.src
crontab -u news -r /usr/lib/news/crontab.src
crontab -u root -r /usr/adm/crontab.src
```

Notes on above examples: (1) the .src files are copied at the time the

command is issued; changing the source files later will have no effect until they are reinstalled with another `crontab -r` command. (2) The crontab command will affect the crontab of the person using the command unless `-u USER` is given; `-u` only works for root. When using most `su` commands under most BSD's, `crontab` will still think of you as yourself even though you may think of yourself as root -- so use `-u` liberally. (3) the `-r` option stands for `replace`; check the man page for crontab(1) for other possibilities.

Kill your existing cron daemon -- do `ps aux` and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up /etc/cron. Comment it out and add a line to start the new cron daemon -- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron (or whatever); no '&' is needed since the daemon forks itself and the process you executed returns immediately.

ATT notes: for those people unfortunate enough to be stuck on a AT&T UNIX, you will need the public-domain "libndir", found in the B News source and in any comp.sources.unix archive. You will also need to hack the code some.

Found in path(s):

```
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/INSTALL
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```

```
/*
```

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*
```

```
* @(#)bitstring.h 5.2
(Berkeley) 4/4/90
*/
```

Found in path(s):

```
* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0pl1-orig-tar-gz/cron-3.0pl1.orig/bitstring.h
```

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```

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```
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```

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# * documentation (don't take credit for my work), mark your changes (don't
```

```
# * get me blamed for your possible bugs), don't alter or remove this
```

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# * notice. May be sold if buildable source is provided to buyer. No
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# * anyone resulting from the use of this software rests entirely with the
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```
# * user.
```

```
# *
```

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# * Send bug reports, bug fixes, enhancements, requests, flames, etc., and
```

```
# * I'll try to keep a version up to date. I can be reached as follows:
```

```
# * Paul Vixie <paull@vix.com> uunet!decwrl!vixie!paul
```

```
# */
```

Vixie Cron V3.0

December 27, 1993

[V2.2 was some time in 1992]

[V2.1 was May 29, 1991]

[V2.0 was July 5, 1990]

[V2.0-beta

was December 9, 1988]

[V1.0 was May 6, 1987]

Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It is functionally based on the SysV cron, which means that each user can have their own crontab file (all crontab files are stored in a read-protected directory, usually /var/cron/tabs). No direct support is provided for 'at'; you can continue to run 'atrun' from the crontab as you have been doing. If you don't have atrun (i.e., System V) you are in trouble.

A message is logged each time a command is executed; also, the files "allow" and "deny" in /var/cron can be used to control access to the "crontab" command (which installs crontabs). It hasn't been tested on SysV, although some effort has gone into making the port an easy one.

This is more or less the copyright that USENET contributed software usually has. Since ATT couldn't use this version if they had to freely distribute source, and since I'd love to see them use it, I'll offer some ridiculously low license fee just to have them take it. In the unlikely event that they do this, I will continue to support and distribute the pseudo-PD version, so please, don't flame me for wanting my work to see a wider distribution.

To use this: Sorry, folks, there is no cutesy 'Configure' script. You'll have to go edit a couple of files... So, here's the checklist:

Read all the FEATURES, INSTALL, and CONVERSION files

Edit config.h

Edit Makefile

(both of these files have instructions inside; note that some things in config.h are definable in Makefile and are therefore surrounded by #ifndef...#endif)

'make'

'su' and 'make install'

(you may have to install the man pages by hand)

kill your existing cron process

(actually you can run your existing cron if you want, but why?)

build new crontabs using /usr/lib/{crontab,crontab.local}

(either put them all in "root"'s crontab, or divide it up and rip out all the 'su' commands, collapse the lengthy lists into

ranges with steps -- basically, this step is as much work as you want to make it)

start up the new cron

(must be done as root)

watch it. test it with 'crontab -r' and watch the daemon track your changes.

if you like it, change your /etc/{rc,rc.local} to use it instead of the old one.

\$Id: README,v 2.3 1993/12/28 08:34:43 vixie Exp \$

Found in path(s):

* /opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/README

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.\" * I'll try to keep a version up to date. I can be reached as follows:
.\" * Paul Vixie      <paul@vix.com>      uunet!decwrl!vixie!paul
.\" */
.\"
.\" $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $
.\"
```

Found in path(s):

*

/opt/cola/permits/1029757352_1619638247.49/0/cron-3-0p11-orig-tar-gz/cron-3.0p11.orig/crontab.5

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1.104 es6-promise 4.2.8

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1.105 byte-size 5.0.1

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1.106 xorg 7.7+19ubuntu14

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1.107 fs-minipass 1.2.7

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1.108 cmd-shim 3.0.3

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1.109 minizlib 1.3.3

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1.110 minipass 2.9.0

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1.111 ansistyles 0.1.3

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1.112 npm-init 0.0.0

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1.113 reactor-core 3.0.7.RELEASE

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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoFilterWhen.java
*
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/scheduler/DisposableContainer.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxFilterWhen.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/scheduler/EmptyDisposableContainer.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/scheduler/ScheduledRunnable.java
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/util/concurrent/OpenHashSet.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-

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jar/reactor/util/concurrent/QueueSupplier.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/scheduler/ParallelScheduler.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/util/function/Tuples.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/scheduler/ExecutorScheduler.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/BlockingFirstSubscriber.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/scheduler/Scheduler.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/util/function/Tuple6.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/util/package-info.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/SynchronousSink.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/scheduler/ExecutorServiceScheduler.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/util/function/Tuple2.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/util/function/Tuple5.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/Cancellation.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/util/function/package-info.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/Signal.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/util/concurrent/WaitStrategy.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/BlockingLastSubscriber.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/util/Logger.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/scheduler/ImmediateScheduler.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/util/concurrent/package-info.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/util/function/Tuple7.java

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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/util/function/Tuple3.java
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/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/package-info.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/scheduler/TimedScheduler.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/GroupedFlux.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/scheduler/SingleScheduler.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/adapters/package-info.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoToCompletableFuture.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/util/function/Tuple8.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/Disposable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/scheduler/SingleWorkerScheduler.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/Exceptions.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/scheduler/package-info.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/util/concurrent/SpSCLinkedArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/util/concurrent/SpSCArrayQueue.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/util/Loggers.java

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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxBufferBoundary.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoPublishOn.java

*

/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/ParallelFluxHide.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/BlockingSink.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxSkipUntil.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxRepeat.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/ConnectableFluxOnAssembly.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoMaterialize.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxPublishMulticast.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoRunnable.java

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/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/ParallelArraySource.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxZip.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/adapters/JdkFlowAdapter.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/LambdaSubscriber.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxRetryWhen.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoUsing.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxPeekStateful.java

*

/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoSingle.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/LambdaMonoSubscriber.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoNever.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxConcatIterable.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/ConnectableFlux.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxRepeatWhen.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxOnBackpressureLatest.java

*

/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/InnerConsumer.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoFilterFuseable.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoCallableOnAssembly.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/Producer.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxBatch.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoHasElements.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxBufferPredicate.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/Loopback.java

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/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoReduce.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/SignalPeek.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxBufferTimeOrSize.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxTakeLastOne.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoHandleFuseable.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxSubscribeOnCallable.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoLogFuseable.java

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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxWindowTimeOrSize.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxSwitchMap.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxMapSignal.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-

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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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*
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxInterval.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxTakeUntil.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxMap.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/Hooks.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxDefer.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoCount.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxSkipWhile.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxFirstEmitting.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-

```

jar/reactor/core/publisher/FluxWindowWhen.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxLogFuseable.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoCollectList.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/ParallelCollect.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/package-info.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxFlatMap.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoElapsed.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoWhen.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoLog.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxFlattenIterable.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/TopicProcessor.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxArray.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxMerge.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxSkipUntilOther.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/Receiver.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxSampleFirst.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxSampleTimeout.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxSample.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxAwaitOnSubscribe.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxCallableOnAssembly.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxNever.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxEmpty.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxDetach.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoMapFuseable.java

*

/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxDistinct.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/ParallelMergeSort.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/EventLoopProcessor.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoUntilOther.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxWithLatestFrom.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxConcatArray.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoSink.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxFilter.java

*

/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/ParallelConcatMap.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxDistinctUntilChanged.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxLog.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/ParallelFlatMap.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoRetry.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxBufferWhen.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxUsing.java

*

/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxElapsed.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxJust.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxSource.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/InnerOperator.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/DirectProcessor.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxSkipLast.java

* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-

jar/reactor/core/publisher/MonoRetryWhen.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxSubscribeOn.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/Operators.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxWindowBoundary.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxWindowOnCancel.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoPeekFuseable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/RingBuffer.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoTimeout.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxRepeatPredicate.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxProcessor.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/BlockingIterable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoPeekTerminal.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxTimeout.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoDefaultIfEmpty.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoSequenceEqual.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/ParallelFilter.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoSupplier.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxScan.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxOnAssembly.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoCallable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/ParallelLog.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoEmpty.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoThenIgnore.java

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*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoDelayElement.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxDematerialize.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/SerializedSubscriber.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxGroupJoin.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxOnBackpressureBuffer.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxAutoConnectFuseable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxStream.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoStreamCollector.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/EmitterProcessor.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoDelay.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxRange.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoSubscribeOn.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/ParallelSource.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/Scannable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoPeek.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxGroupBy.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoAll.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxDoFinally.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/BlockingSingleSubscriber.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxBuffer.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoDoFinally.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxOnBackpressureDrop.java
*

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/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/SignalType.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoCompletionStage.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/Trackable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxTakeUntilOther.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoCollect.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxHide.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/MultiProducer.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/SignalPeekStateful.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/Flux.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoSubscribeOnValue.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoError.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/Mono.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoAwaitOnSubscribe.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoDelaySubscription.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoProcessor.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/DrainUtils.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoCreate.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxGenerate.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxCreate.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/MonoDetach.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxZipIterable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/FluxWindow.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-jar/reactor/core/publisher/ParallelReduceSeed.java

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/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/ParallelFluxOnAssembly.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxDistinctFuseable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/InnerProducer.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoSwitchIfEmpty.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoMap.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoOnAssembly.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoSource.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoNext.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxPeek.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxMergeSequential.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/Fuseable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxSubscribeOnValue.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxOnErrorResume.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxJoin.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoJust.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxIterable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxConcatMap.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxPublish.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxTakeWhile.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/BaseSubscriber.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/UnicastProcessor.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/ParallelPeek.java
*

```

```

/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/MultiReceiver.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxTakeFuseable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/scheduler/Schedulers.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxMaterialize.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxHandle.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoRetryPredicate.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoHandle.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxHandleFuseable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxCombineLatest.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoCancelOn.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/ReplayProcessor.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxDoFinallyFuseable.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoDefer.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/WorkQueueProcessor.java
*
/opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxDefaultIfEmpty.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoOnErrorResume.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/MonoReduceSeed.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/ParallelFlux.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/ParallelMergeSequential.java
* /opt/ws_local/PERMITS_SQL/1069088736_1594483108.64/0/reactor-core-3-0-7-release-sources-
jar/reactor/core/publisher/FluxSwitchIfEmpty.java

```

1.114 adduser 3.118ubuntu2

1.114.1 Available under license :

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Since Nov 27 1996, it was maintained by Guy Maor <maor@debian.org>. He rewrote most of it.

Since May 20 2000, it is maintained by Roland Bauerschmidt <rb@debian.org>.

Since March 24 2004, it is maintained by Roland Bauerschmidt <rb@debian.org>, and co-maintained by Marc Haber <mh+debian-packages@zugschlus.de>

Since 23 Oct 2005, it has been maintained by Joerg Hoh <joerg@joerghoh.de>

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Upstream-Contact: Anibal Monsalve Salazar <anibal@debian.org>

Source: <https://alioth.debian.org/projects/collab-maint/sensible-utils.git>

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1.116 debianutils 4.9.1

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1.120 sed 4.7-1

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1.121 libffi 3.3-4

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Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.  
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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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1.122 ncurses 6.2-0ubuntu2

1.122.1 Available under license :

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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-- vile: txtmode file-encoding=utf-8
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-- vile:txtmode fc=72
-- \$Id: COPYING,v 1.9 2020/02/08 13:34:12 tom Exp \$
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1.123 base-passwd 3.5.47

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Upstream-Name: base-passwd

Upstream-Contact: Colin Watson <cjwatson@debian.org>

Files: *

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1.124 bzip2 1.0.8-2

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Julian Seward, jseward@acm.org
bzip2/libbzip2 version 1.0.8 of 13 July 2019

1.125 cracklib 2.9.6-3.2

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The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

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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 other code 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.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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, whereas the latter must be combined with the library in order to run.

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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".)

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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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Once this change is made in a given copy, it is irreversible for

that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

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.)

Otherwise, if the work is a derivative of the Library, you may

distribute

the object code for the work under the terms of Section 6.

Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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6. As an exception to the Sections above, you may also combine 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.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified 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) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2)

will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) 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.

d) 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.

e) 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 materials to be 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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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END OF TERMS AND CONDITIONS

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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>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

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You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

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 school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=
r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.=20

-- Nathan
=20

Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
>=20
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing
> libraries under
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML
On Monday 01 October 2007, Neulinger, Nathan

wrote:

> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was
> released under. This wasn't actually a license change, just a
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20
GPL-2 ... it was a modified artistic license ... i didnt notice the license=
=20
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=
eir=20
applications are also GPL-2 which imo is just wrong. it isnt the place of =
a=20
library to dictact to application writes what license they should be using.=
=20
thus LGPL-2.1 enters to fill this void.
=2Dmike

Re: [Cracklib-devel]
cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro

maintainers to get together with Alec in a conversation and come to a decision as to what licensing scheme y'all want. I haven't really done much other than cleaning up the packaging and patches and a small bit of additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan

=20

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license

>=20

> On Monday 01 October 2007, Neulinger, Nathan wrote:
> > I understand that, and you're welcome to bring it up with Alec
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> > it was enough to just get it consistent and documented as to what
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> > released under. This wasn't actually a license change, just a
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> not
> GPL-2 ... it was a modified artistic license ... i didnt notice the
> license
> change until it was mentioned in the latest notes.

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> unlike the old license, GPL-2 prevents people from using cracklib
> unless their
> applications are also GPL-2 which imo is just wrong. it isnt the
> place of a
> library

to dictact to application writes what license they should

> be using.
> thus LGPL-2.1 enters to fill this void.
> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I

think it is in everyone's

best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>> Seems like the ideal thing here would be for you and the other distro
>> maintainers to get together with Alec in a conversation and come to a
>> decision as to what licensing scheme y'all want. I haven't really done
>> much other than cleaning up the packaging and patches and a small
>> bit of
>> additional

code, so whatever licensing y'all come up with is fine

>> by me.

>

> I am sympathetic. Guys, what do you reckon?

>
> What I am hearing so far is that LGPL makes sense, since it can be
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable
timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately,
GPLv2 with the option of using the library under a later version of the
GPL would permit applications which were released under version 3 of the
GPL to use the library, too, which would be sufficient for the packages
which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
>>> Seems like the ideal thing here would be for you and the other distro
>>> maintainers to get together with Alec in a conversation and come to a
>>> decision as to what licensing scheme y'all want. I haven't really done
>>> much other than cleaning up the packaging and patches and a small
>>> bit of
>>> additional code, so whatever licensing y'all come up with is fine
>>> by me.

>>

>> I am sympathetic. Guys, what do you reckon?

>>

>> What I am hearing so far is that LGPL makes sense, since it can be
>> linked with any code, not just GPL...

>

> My apologies for not chiming in in anything resembling a reasonable
> timeframe.

>

> I'd also suggest the LGPL, for the reason you noted above. Alternately,
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> GPL to use the library, too, which would be sufficient for the packages

> which are included in Fedora. FWIW, I'd personally lean toward LGPL.

>

> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now ?

-mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.

>

> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make

> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML

On Sunday 05 October

2008, Alec Muffett wrote:

> >> In any case, I thank you both for working on sorting this out.

> >

> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we

> > make the change now ?

>

> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...

-mike

BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed

as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

From
alecm@crypticide.com Mon Oct 1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);
Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtp020623
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from
[82.68.43.14] (helo=[192.168.1.3])
by rutherford.zen.co.uk with esmtp (Exim 4.50)
id 1IcOcX-0004Qt-6L
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]

Status: RO
Content-Length:
585
Lines: 21

>
> ----- Forwarded message -----
> From: Neulinger, Nathan <nneul@umr.edu>
> Date: Sep 27, 2007 2:58 PM
> Subject: RE: cracklib license
> To: alecm@crypto.dircon.co.uk
>
> Any chance you could write me a self-contained email stating clearly
> that the license is being changed to GPL, so I could include that
> email
> in the repository and clean up the repository/tarballs? I have all the
> original discussion, but something succinct and self contained
> would be
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

1.126 libpwquality 1.4.2-1build1

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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1.127 stack v1.8.0

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 */
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1078202330_1597270881.42/0/fis-components-lodash-restparam-3-6-1-0-g4b84b80-tar-gz/fis-components-lodash.restparam-3692f6f/index.js
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1.135 lodash._bindcallback 3.0.1

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```
/**
 * lodash 3.0.1 (Custom Build) <https://lodash.com/>
 * Build: `lodash modern modularize exports="npm" -o .`
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 * Available under MIT license <https://lodash.com/license>
 */
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1078202342_1597270964.99/0/fis-components-lodash-bindcallback-3-0-1-0-ga3774f0-tar-gz/fis-components-lodash._bindcallback-ef3539e/index.js
```

1.136 lodash-cacheindexof 3.0.2

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1.137 lodash._getnative 3.9.1

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```
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* Build: `lodash modern modularize exports="npm" -o .`  
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*/
```

Found in path(s):

```
* /opt/ws_local/PERMITS_SQL/1078202442_1597270786.77/0/fis-components-lodash-getnative-3-9-1-0-  
g99a6587-tar-gz/fis-components-lodash._getnative-20042e8/index.js
```

1.138 lodash-createcache 3.1.2

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1.139 lodash-root 3.0.1

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1.140 lodash.clonedep 4.5.0

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1.141 libxi 1.7.10-0ubuntu1

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1.142 cdebconf 0.251ubuntu1

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1.143 libusbx 1.0.23-4.el8

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1.146 node-gyp 5.1.1

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1.147 jython 2.7.2

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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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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	
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2.2 and above	2.1.1	2001-now	PSF	yes

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1.153 ansi-regex 2.1.1

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1.155 columnify 1.5.4

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1.164 es-to-primitive 1.2.0

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1.165 string_decoder 1.1.1

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1.166 mississippi 3.0.0

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1.167 typedarray 0.0.6

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// Original can be found at:

// <https://bitbucket.org/lindenlab/llsd>

// Modifications by Joshua Bell inexorabletash@gmail.com

// <https://github.com/inexorabletash/polyfill>

// ES3/ES5 implementation of the Khronos Typed Array Specification

// Ref: <http://www.khronos.org/registry/typedarray/specs/latest/>

// Date: 2011-02-01

//

// Variations:

// * Allows `typed_array.get/set()` as alias for subscripts (`typed_array[]`)

1.168 debuglog 1.0.1

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1.171 qrcode-terminal 0.12.0

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1.175 function-bind 1.1.1

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1.176 http-proxy-agent 2.1.0

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http-proxy-agent

=====

An HTTP(s) proxy `http.Agent` implementation for HTTP

[![Build Status](https://travis-ci.org/TooTallNate/node-http-proxy-agent.svg?branch=master)](https://travis-ci.org/TooTallNate/node-http-proxy-agent)

This module provides an `http.Agent` implementation that connects to a specified HTTP or HTTPS proxy server, and can be used with the built-in `http` module.

__Note:__ For HTTP proxy usage with the `https` module, check out

[node-https-proxy-agent](https://github.com/TooTallNate/node-https-proxy-agent).

Installation

Install with `npm`:

```
``` bash
$ npm install http-proxy-agent
```
```

Example

```
``` js
var url = require('url');
var http = require('http');
var HttpProxyAgent = require('http-proxy-agent');

// HTTP/HTTPS proxy to connect to
var proxy = process.env.http_proxy || 'http://168.63.76.32:3128';
console.log('using proxy server %j', proxy);

// HTTP endpoint
// for the proxy to connect to
var endpoint = process.argv[2] || 'http://nodejs.org/api';
console.log('attempting to GET %j', endpoint);
var opts = url.parse(endpoint);

// create an instance of the `HttpProxyAgent` class with the proxy server information
var agent = new HttpProxyAgent(proxy);
opts.agent = agent;

http.get(opts, function (res) {
```



```
console.log("response" event!', res.headers);
res.pipe(process.stdout);
});
...

```

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-----

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Found in path(s):

\* /opt/cola/permits/1110633572\_1612225616.61/0/http-proxy-agent-2-1-0-5-tgz/package/README.md

## 1.177 pumpify 1.5.1

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## 1.178 resolve-from 4.0.0

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## 1.179 validate-npm-package-license 3.0.4

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validate-npm-package-license

=====

Give me a string and I'll tell you if it's a valid npm package license string.

```
```javascript
var valid = require('validate-npm-package-license');
```
```

SPDX license identifiers are valid license strings:

```
```javascript

var assert = require('assert');
var validSPDXExpression = {
  validForNewPackages: true,
  validForOldPackages: true,
  spdx: true
};

assert.deepEqual(valid('MIT'), validSPDXExpression);
assert.deepEqual(valid('BSD-2-Clause'), validSPDXExpression);
assert.deepEqual(valid('Apache-2.0'), validSPDXExpression);
assert.deepEqual(valid('ISC'), validSPDXExpression);
```
```

The function will return a warning and suggestion for nearly-correct license identifiers:

```
```javascript
assert.deepEqual(
  valid('Apache 2.0'),
  {
    validForOldPackages: false,
    validForNewPackages: false,
    warnings: [

```

```

    'license should be ' +
    'a valid SPDX license expression (without "LicenseRef"), ' +
    "'UNLICENSED', or ' +
    "'SEE LICENSE IN <filename>",
    'license is similar to the valid expression "Apache-2.0"'
  ]
}
);
```

```

SPDX expressions are valid, too ...

```

```javascript
// Simple SPDX license expression for dual licensing
assert.deepEqual(
  valid('(GPL-3.0-only OR BSD-2-Clause)'),
  validSPDXExpression
);
```

```

... except if they contain `LicenseRef`:

```

```javascript
var warningAboutLicenseRef = {
  validForOldPackages: false,
  validForNewPackages: false,
  spdx: true,
  warnings: [
    'license should be ' +
    'a valid SPDX license expression (without "LicenseRef"), ' +
    "'UNLICENSED', or ' +
    "'SEE LICENSE IN <filename>",
  ]
};

assert.deepEqual(
  valid('LicenseRef-Made-Up'),
  warningAboutLicenseRef
);

assert.deepEqual(
  valid('(MIT OR LicenseRef-Made-Up)'),
  warningAboutLicenseRef
);
```

```

If you can't describe your licensing terms with standardized SPDX identifiers, put the terms in a file in the package and point users there:



```
```javascript
assert.deepEqual(
  valid('SEE
LICENSE IN LICENSE.txt'),
  {
    validForNewPackages: true,
    validForOldPackages: true,
    inFile: 'LICENSE.txt'
  }
);

assert.deepEqual(
  valid('SEE LICENSE IN license.md'),
  {
    validForNewPackages: true,
    validForOldPackages: true,
    inFile: 'license.md'
  }
);
```
```

If there aren't any licensing terms, use `UNLICENSED`:

```
```javascript
var unlicensed = {
  validForNewPackages: true,
  validForOldPackages: true,
  unlicensed: true
};
assert.deepEqual(valid('UNLICENSED'), unlicensed);
assert.deepEqual(valid('UNLICENSED'), unlicensed);
```
```

# 1.180 genfun 5.0.0

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\* /opt/cola/permits/1110634135\_1607035404.4/0/agent-base-4-2-1-4-tgz/package/README.md

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wewidth.js: JavaScript Portng of Markus Kuhn's wewidth() Implementation

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\* /opt/cola/permits/1110635129\_1606844056.76/0/errno-0-1-7-3-tgz/package/README.md

## 1.265 extsprintf 1.3.0

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```
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```

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* /opt/cola/permits/1110639221_1606842346.93/0/fis-components-core-util-is-1-0-2-0-gb94b22f-tar-gz/fis-
components-core-util-is-5917000/lib/util.js
```

## 1.270 strip-ansi 3.0.1

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## 1.316 readdir-scoped-modules 1.1.0

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# 1.318 https-proxy-agent 2.2.4

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https-proxy-agent

=====

### An HTTP(s) proxy `http.Agent` implementation for HTTPS

[![Build Status](https://travis-ci.org/TooTallNate/node-https-proxy-agent.svg?branch=master)](https://travis-ci.org/TooTallNate/node-https-proxy-agent)

This module provides an `http.Agent` implementation that connects to a specified HTTP or HTTPS proxy server, and can be used with the built-in `https` module.

Specifically, this `Agent` implementation connects to an intermediary "proxy" server and issues the [CONNECT HTTP method][CONNECT], which tells the proxy to open a direct TCP connection to the destination server.

Since this agent implements the CONNECT HTTP method, it also works with other protocols that use this method when connecting over proxies (i.e. WebSockets).

See the "Examples" section below for more.

Installation

-----

Install with `npm`:

```
``` bash
$ npm install https-proxy-agent
```
```

Examples

-----

####

`https` module example

```
``` js
var url = require('url');
var https = require('https');
var HttpsProxyAgent = require('https-proxy-agent');
```

```

// HTTP/HTTPS proxy to connect to
var proxy = process.env.http_proxy || 'http://168.63.76.32:3128';
console.log('using proxy server %j', proxy);

// HTTPS endpoint for the proxy to connect to
var endpoint = process.argv[2] || 'https://graph.facebook.com/tootallnate';
console.log('attempting to GET %j', endpoint);
var options = url.parse(endpoint);

// create an instance of the `HttpsProxyAgent` class with the proxy server information
var agent = new HttpsProxyAgent(proxy);
options.agent = agent;

https.get(options, function (res) {
  console.log('"response" event!', res.headers);
  res.pipe(process.stdout);
});
```


`ws` WebSocket connection example


```

``` js
var url = require('url');
var WebSocket = require('ws');
var HttpsProxyAgent = require('https-proxy-agent');

// HTTP/HTTPS proxy to connect to
var proxy = process.env.http_proxy
 || 'http://168.63.76.32:3128';
console.log('using proxy server %j', proxy);

// WebSocket endpoint for the proxy to connect to
var endpoint = process.argv[2] || 'ws://echo.websocket.org';
var parsed = url.parse(endpoint);
console.log('attempting to connect to WebSocket %j', endpoint);

// create an instance of the `HttpsProxyAgent` class with the proxy server information
var options = url.parse(proxy);

var agent = new HttpsProxyAgent(options);

// finally, initiate the WebSocket connection
var socket = new WebSocket(endpoint, { agent: agent });

socket.on('open', function () {
 console.log('"open" event!');
 socket.send('hello world');
});

```


```

```
});  
  
socket.on('message', function (data, flags) {  
  console.log('"message" event! %j %j', data, flags);  
  socket.close();  
});  
---
```

API

```
### new HttpsProxyAgent(Object options)
```

The `HttpsProxyAgent` class implements an `http.Agent` subclass that connects to the specified "HTTP(s) proxy server" in order to proxy HTTPS and/or WebSocket requests.

This is achieved by using the [HTTP `CONNECT` method][CONNECT].

The `options` argument may either be a string URI of the proxy server to use, or an "options" object with more specific properties:

- * `host` - String - Proxy host to connect to (may use `hostname` as well). Required.
- * `port` - Number - Proxy port to connect to. Required.
- * `protocol` - String - If `https:`, then use TLS to connect to the proxy.
- * `headers` - Object - Additional HTTP headers to be sent on the HTTP `CONNECT` method.
- * Any other options given are passed to the `net.connect()`/`tls.connect()` functions.

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[CONNECT]: http://en.wikipedia.org/wiki/HTTP_tunnel#HTTP_CONNECT_Tunneling

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* /opt/cola/permits/1112087480_1607035434.28/0/https-proxy-agent-2-2-4-6-tgz/package/README.md

1.319 socks 2.3.3

1.319.1 Available under license :

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1.320 agentkeepalive 3.5.2

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```
* /opt/cola/permits/1112087866_1607035279.17/0/node-modules-agentkeepalive-3-5-2-0-g9b81362-tar-gz/node-modules-agentkeepalive-9b81362/README.md
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```

1.321 stringify-package 1.0.1

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1.322 smart-buffer 4.1.0

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1.323 socks-proxy-agent 4.0.2

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socks-proxy-agent

=====

A SOCKS proxy `http.Agent` implementation for HTTP and HTTPS

[![Build Status](https://travis-ci.org/TooTallNate/node-socks-proxy-agent.svg?branch=master)](https://travis-ci.org/TooTallNate/node-socks-proxy-agent)

This module provides an `http.Agent` implementation that connects to a specified SOCKS proxy server, and can be used with the built-in `http` or `https` modules.

It can also be used in conjunction with the `ws` module to establish a WebSocket connection over a SOCKS proxy. See the "Examples" section below.

Installation

Install with `npm`:

```
``` bash
$ npm install socks-proxy-agent
```
```

Examples

```

-----

#### `http` module example

``` js
var url = require('url');
var http = require('http');
var SocksProxyAgent = require('socks-proxy-agent');

// SOCKS proxy to connect to
var proxy = process.env.socks_proxy || 'socks://127.0.0.1:9050';
console.log('using
proxy server %j', proxy);

// HTTP endpoint for the proxy to connect to
var endpoint = process.argv[2] || 'http://nodejs.org/api/';
console.log('attempting to GET %j', endpoint);
var opts = url.parse(endpoint);

// create an instance of the `SocksProxyAgent` class with the proxy server information
var agent = new SocksProxyAgent(proxy);
opts.agent = agent;

http.get(opts, function (res) {
 console.log('"response" event!', res.headers);
 res.pipe(process.stdout);
});
```

```

```

#### `https` module example

``` js
var url = require('url');
var https = require('https');
var SocksProxyAgent = require('socks-proxy-agent');

// SOCKS proxy to connect to
var proxy = process.env.socks_proxy || 'socks://127.0.0.1:9050';
console.log('using proxy server %j', proxy);

// HTTP endpoint for the proxy to connect to
var endpoint = process.argv[2] || 'https://encrypted.google.com/';
console.log('attempting to GET %j', endpoint);
var opts = url.parse(endpoint);

// create an instance of the `SocksProxyAgent`
class with the proxy server information
var agent = new SocksProxyAgent(proxy);
```

```

```
opts.agent = agent;
```

```
https.get(opts, function (res) {  
  console.log("response" event!, res.headers);  
  res.pipe(process.stdout);  
});  
...
```

```
#### `ws` WebSocket connection example
```

```
... js  
var WebSocket = require('ws');  
var SocksProxyAgent = require('socks-proxy-agent');  
  
// SOCKS proxy to connect to  
var proxy = process.env.socks_proxy || 'socks://127.0.0.1:9050';  
console.log('using proxy server %j', proxy);  
  
// WebSocket endpoint for the proxy to connect to  
var endpoint = process.argv[2] || 'ws://echo.websocket.org';  
console.log('attempting to connect to WebSocket %j', endpoint);  
  
// create an instance of the `SocksProxyAgent` class with the proxy server information  
var agent = new SocksProxyAgent(proxy);  
  
// initiate the WebSocket connection  
var socket = new WebSocket(endpoint, { agent: agent });  
  
socket.on('open', function () {  
  console.log("open" event!);  
  socket.send('hello world');  
});  
  
socket.on('message',  
function (data, flags) {  
  console.log("message" event! %j %j', data, flags);  
  socket.close();  
});  
...
```

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1.324 p-try 2.2.0

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1.325 chownr 1.1.4

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1.326 npm-packlist 1.4.8

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1.327 call-limit 1.1.1

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1.328 es-abstract 1.12.0

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1.329 agent-base 4.3.0

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1.330 npm-normalize-package 1.0.1

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1.331 libusb 1.0.23-4.el8

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Any executables

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1.335 scram v0.0.0-20180814205039-7eeb5667e42c

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1.336 gopkg-in-mgo-v2 v2.0.0-20160801194620-b6121c6199b7

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mgo - MongoDB driver for Go

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1.337 ca-certificates 20191127-r5

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1.338 from2 2.3.0

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1.339 cli-table3 0.5.1

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1.340 from2 1.3.0

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1.341 tough-cookie 2.5.0

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1.342 amqp v0.0.0-20190404075320-75d898a42a94

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1.343 compress v1.9.5

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1.344 acl 2.2.53-1.el8

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produce it from the Program, in the form of source code under the
terms of section 4, provided that you also meet all of these conditions:

- a) The work must carry prominent notices stating that you modified
it, and giving a relevant date.

- b) The work must carry prominent notices stating that it is
released under this License and any conditions added under section
7. This requirement modifies the requirement in section
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"keep intact all notices".

- c) You must license the entire work, as a whole, under this
License to anyone who comes into possession of a copy. This
License will therefore apply, along with any applicable section 7
additional terms, to the whole of the work, and all its parts,
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invalidate such permission if you have separately received it.

- d) If the work has interactive user interfaces, each must display
Appropriate Legal Notices; however, if the Program has interactive
interfaces that do not display Appropriate Legal Notices, your
work need not make them do so.

A compilation of a covered work with other separate and independent
works, which are not by their nature extensions of the covered work,
and which are not combined with it such as to form a larger program,
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You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

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- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.
- e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding

Source of the work are being offered to the general public at no charge under subsection 6d.

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```
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```

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1.347 cron 3.0pl1-136ubuntu1

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*/

\$Id: INSTALL,v 2.5 1994/01/15 20:43:43 vixie Exp \$

Read the comments at the top of the Makefile, then edit the area marked
'configurable
stuff'.

Edit config.h. The stuff I expect you to change is down a bit from the
top of the file, but it's clearly marked. Also look at pathnames.h.

You don't have to create the /var/cron or /var/cron/tabs directories, since
both the daemon and the `crontab' program will do this the first time they
run if they don't exist. You do need to have a /var, though -- just "mkdir
/var" if you don't have one, or you can "mkdir /usr/var; ln -s /usr/var /var"
if you expect your /var to have a lot of stuff in it.

You will also need /usr/local/etc and /usr/local/bin directories unless you
change the Makefile. These will have to be created by hand, but if you are
a long-time Usenet user you probably have them already. /usr/local/man is
where I keep my man pages, but I have the source for `man' and you probably
do not. Therefore you may have to put the man pages into /usr/man/man1,
which will be hard since there will be name collisions. (Note that the man
command was originally written by
Bill Joy before he left Berkeley, and it
contains no AT&T code, so it is in UUNET's archive of freely-distributable
BSD code.)

LINUX note: /usr/include/paths.h on some linux systems shows _PATH_SENDMAIL
to be /usr/bin/sendmail even though sendmail is installed in /usr/lib.
you should check this out.

say:
make all

su and say:
make install

Note that if I can get you to "su and say" something just by asking, you have
a very serious security problem on your system and you should look into it.

Edit your /usr/lib/crontab file into little pieces -- see the CONVERSION file
for help on this.

Use the `crontab' command to install all the little pieces you just created.

Some examples (see below before trying any of these!)

```
crontab -u uucp -r /usr/lib/uucp/crontab.src
crontab -u news -r /usr/lib/news/crontab.src
crontab -u root -r /usr/adm/crontab.src
```

Notes on above examples: (1) the .src files are copied at the time the command is issued; changing the source files later will have no effect until they are reinstalled with another `crontab -r' command. (2) The crontab command will affect the crontab of the person using the command unless `-u USER' is given; `-u' only works for root. When using most `su' commands under most BSD's, `crontab' will still think of you as yourself even though you may think of yourself as root -- so use `-u' liberally. (3) the `-r' option stands for `replace'; check the man page for crontab(1) for other possibilities.

Kill your existing cron daemon -- do `ps aux' and look for /etc/cron.

Edit your /etc/rc or /etc/rc.local, looking for the line that starts up /etc/cron. Comment it out and add a line to start the new cron daemon -- usually /usr/local/etc/cron, unless you changed it in the Makefile.

Start up this cron daemon yourself as root. Just type /usr/local/etc/cron (or whatever); no '&' is needed since the daemon forks itself and the process you executed returns immediately.

ATT notes: for those people unfortunate enough to be stuck on a AT&T UNIX, you will need the public-domain "libndir", found in the B News source and in any comp.sources.unix archive. You will also need to hack the code some.

Found in path(s):

```
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0p11-orig-1-tar-gz/cron-3.0p11.orig/INSTALL
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*/

Found in path(s):

* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/crontab.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/entry.c
*
/opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/misc.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/config.h
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/job.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/database.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/env.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/cron.h
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/user.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/cron.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/compat.c
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/do_command.c

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* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/popen.c

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*
* @(#)bitstring.h 5.2
  (Berkeley) 4/4/90
*/

```

Found in path(s):

```
* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/bitstring.h
```

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.\" */
.\"
.\" $Id: crontab.5,v 2.4 1994/01/15 20:43:43 vixie Exp $
.\"

```

Found in path(s):

```
*
```


/opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/crontab.5

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.\" */
.\"
.\" $Id: crontab.1,v 2.4 1993/12/31 10:47:33 vixie Exp $
.\"
```

Found in path(s):

*

/opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/crontab.1

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.\"
.\" @(#)bitstring.3 5.1
```

(Berkeley) 12/13/89

."

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."/

."/ \$Id: cron.8,v 2.2 1993/12/28 08:34:43 vixie Exp \$

."/

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*

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*/

Vixie Cron V3.0

December 27, 1993

[V2.2 was some time in 1992]

[V2.1 was May 29, 1991]

[V2.0 was July 5, 1990]

[V2.0-beta

was December 9, 1988]

[V1.0 was May 6, 1987]

Paul Vixie

This is a version of 'cron' that is known to run on BSD 4.[23] systems. It is functionally based on the SysV cron, which means that each user can have their own crontab file (all crontab files are stored in a read-protected directory, usually /var/cron/tabs). No direct support is provided for 'at'; you can continue to run 'atrun' from the crontab as you have been doing. If you don't have atrun (i.e., System V) you are in trouble.

A messages is logged each time a command is executed; also, the files "allow" and "deny" in /var/cron can be used to control access to the "crontab" command (which installs crontabs). It hasn't been tested on SysV, although some effort has gone into making the port an easy one.

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To use this: Sorry, folks, there is no cutesy 'Configure' script. You'll have to go edit a couple of files... So, here's the checklist:

Read all the FEATURES, INSTALL, and CONVERSION files

Edit config.h

Edit Makefile

(both of these files have instructions inside; note that some things in config.h are definable in Makefile and are therefore surrounded by #ifndef...#endif)

'make'

'su' and 'make install'

(you may have to install the man pages by hand)

kill your existing cron process

(actually you can run your existing cron if you want, but why?)

build new crontabs using /usr/lib/{crontab,crontab.local}

(either put them all in "root"'s crontab, or divide it up and rip out all the 'su' commands, collapse the lengthy

lists into
ranges with steps -- basically, this step is
as much work as you want to make it)
start up the new cron
(must be done as root)
watch it. test it with 'crontab -r' and watch the daemon track your
changes.
if you like it, change your /etc/{rc,rc.local} to use it instead of
the old one.

\$Id: README,v 2.3 1993/12/28 08:34:43 vixie Exp \$

Found in path(s):

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* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/compat.h

* /opt/cola/permits/1125565035_1613603088.1/0/cron-3-0pl1-orig-1-tar-gz/cron-3.0pl1.orig/pathnames.h

*

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1.348 attr 2.4.48-5

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Version 2.1, February 1999

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1.351 Isb 11.1.0ubuntu2

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1.352 libxcrypt 4.4.10-10ubuntu4

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1.353 sysv-init 2.96-2.1ubuntu1

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1.354 libpsl 0.20.2-6.el8

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* /opt/cola/permits/1135864262_1613618257.27/0/isorelax-20090621-sources-1-
jar/org/iso_relax/dispatcher/impl/IgnoredSchema.java

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```
/*
 * @(#) $Id: AttributesDecl.java,v 1.3 2001/11/01 00:11:45 kkawa Exp $
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*/opt/cola/permits/1135864262_1613618257.27/0/isorelax-20090621-sources-1-
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```
/*
 * @(#) $Id: IslandVerifier.java,v 1.6 2003/05/30 23:46:32 kkawa Exp $
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* /opt/cola/permits/1135864262_1613618257.27/0/isorelax-20090621-sources-1-
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* @(#) \$Id: SchemaProvider.java,v 1.6 2003/05/30 23:46:32 kkawa Exp \$

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jar/org/iso_relax/dispatcher/SchemaProvider.java

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* @(#) \$Id: ElementDecl.java,v 1.3 2001/11/01 00:11:45 kkawa Exp \$

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*/opt/cola/permits/1135864262_1613618257.27/0/isorelax-20090621-sources-1-
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/*

* @(#) \$Id: IslandSchema.java,v 1.5 2003/05/30 23:46:32 kkawa Exp \$

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*/opt/cola/permits/1135864262_1613618257.27/0/isorelax-20090621-sources-1-
jar/org/iso_relax/dispatcher/IslandSchema.java

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/*

* @(#) \$Id: DispatcherImpl.java,v 1.5 2003/05/30 23:46:32 kkawa Exp \$

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* /opt/cola/permits/1135864262_1613618257.27/0/isorelax-20090621-sources-1-jar/org/iso_relax/dispatcher/impl/DispatcherImpl.java

1.364 stax 4.2.1

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```
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/web/Viewer.java  
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CtPrimitiveType.java  
*  
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-  
jar/javassist/bytecode/MethodInfo.java
```

* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/AccessorMaker.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/Lex.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Executor.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/ByteArrayClassPath.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Symbol.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Pair.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/LocalVariableTypeAttribute.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/MultiArrayType.java
 *
 /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/JvstTypeChecker.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/CondExpr.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformReadField.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/DefineClassHelper.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/AppletServer.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/expr/MethodCall.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/MapMaker.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/StackMapTable.java
 *
 /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/Loader.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Visitor.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyObjectOutputStream.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/Javac.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CodeConverter.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ByteArray.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/Translator.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/ClassMetaobject.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/AccessFlag.java
 *
 /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/ASTree.java

```

* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/StackMap.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/tools/reflect/Metalevel.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/NotFoundException.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/compiler/ast/Variable.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/DeprecatedAttribute.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/compiler/ast/ASTList.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/CodeAttribute.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/ClassFilePrinter.java
*
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/Sample.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/compiler/ast/AssignExpr.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/ClassClassPath.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/Bytecode.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/util/proxy/MethodHandler.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/expr/Expr.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/ConstPool.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/util/proxy/ProxyFactory.java
*
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/compiler/ast/MethodDecl.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/InnerClassesAttribute.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/TokenId.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/compiler/MemberResolver.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CtClassType.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/compiler/ast/Declarator.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/NoSuchClassError.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CtNewMethod.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CtNewConstructor.java
*
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/analysis/ControlFlow.java

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* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/RemoteRef.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/Proxy.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/LoaderClassPath.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/StringL.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Descriptor.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Metaobject.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/CodeGen.java
 *
 /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/ArrayInit.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Frame.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/FieldInfo.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/AnnotationImpl.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CtNewClass.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyObject.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/TypeTag.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolRepositoryImpl.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/SubroutineScanner.java
 *
 /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/NoFieldException.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CtMember.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/expr/ConstructorCall.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/SoftValueHashMap.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ParameterAnnotationsAttribute.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/runtime/DotClass.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/IntQueue.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/ClassPool.java
 *
 /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/URLClassPath.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/SyntheticAttribute.java

* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/expr/ExprEditor.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ProceedHandler.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolFactoryImpl.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformNew.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformAccessArrayField.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/AttributeInfo.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Subroutine.java
 *
 /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CtField.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/DefinePackageHelper.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/LineNumberAttribute.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Expr.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ClassFile.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/Modifier.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/AnnotationsWriter.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/SyntaxError.java
 *
 /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/framedump.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ByteStream.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformFieldAccess.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/web/BadHttpRequest.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/RemoteException.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/BasicBlock.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformCall.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/SignatureAttribute.java
 *
 /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/Callback.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/CannotCreateException.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-

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jar/javassist/compiler/JvstCodeGen.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/convert/TransformBefore.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/runtime/Cflow.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/BadBytecode.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/stackmap/TypeData.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/ExceptionsAttribute.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/AnnotationsAttribute.java
*
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/util/proxy/MethodFilter.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/DuplicateMemberException.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/NestHostAttribute.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/scopedpool/ScopedClassPool.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/ClassPoolTail.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/ClassPath.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/util/HotSwapper.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/convert/TransformNewClass.java
*
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/SourceFileAttribute.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/util/proxy/SecurityActions.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/compiler/TypeChecker.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/ClassMap.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/compiler/ast/FieldDecl.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/LongVector.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/tools/web/Webserver.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CtMethod.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/ClassFileWriter.java
*
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Stmnt.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/tools/reflect/Sample.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-

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jar/javassist/util/proxy/RuntimeSupport.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/util/proxy/SerializedProxy.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/util/HotSwapAgent.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/Parser.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/expr/NewArray.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/compiler/ast/IntConst.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/tools/reflect/Reflection.java
*
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/compiler/MemberCodeGen.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/tools/rmi/ObjectImporter.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/scopedpool/ScopedClassPoolRepository.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/convert/Transformer.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/expr/Cast.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/tools/reflect/CannotInvokeException.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/ConstantAttribute.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/convert/TransformWriteField.java
*
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CtBehavior.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/compiler/SymbolTable.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/analysis/MultiType.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/stackmap/TypedBlock.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/compiler/ast/Keyword.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/stackmap/Tracer.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/compiler/ast/Member.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/expr/NewExpr.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/runtime/Desc.java
*
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/CtNewWrappedConstructor.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/util/proxy/FactoryHelper.java

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* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/NewExpr.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CtConstructor.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/ObjectNotFoundException.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Mnemonic.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/CastExpr.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/EnclosingMethodAttribute.java
 *
 /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CtArray.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/CompileError.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/FramePrinter.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CannotCompileException.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformAfter.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Analyzer.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ExceptionTable.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/StubGenerator.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/DoubleConst.java
 *
 /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/CodeAnalyzer.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/BinExpr.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Util.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/Proxy.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Type.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CtNewWrappedMethod.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyObjectInputStream.java
 * /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/KeywordTable.java
 *
 /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/NestMembersAttribute.java

* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/InstructionPrinter.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/LocalVariableAttribute.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/CannotReflectException.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/CallExpr.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Compiler.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/Dump.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/CodeIterator.java
*
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/expr/InstanceOf.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/AnnotationDefaultAttribute.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/runtime/Inner.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolFactory.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Opcodes.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Loader.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/expr/Handler.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/CtClass.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/InstanceOfExpr.java
*
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/SerialVersionUID.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-jar/javassist/expr/FieldAccess.java
No license file was found, but licenses were detected in source scan.

/*

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*/

Found in path(s):

```
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/MemberValue.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/ByteMemberValue.java
*
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/EnumMemberValue.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/ClassMemberValue.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/AnnotationMemberValue.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/StringMemberValue.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/LongMemberValue.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/FloatMemberValue.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/MemberValueVisitor.java
*
/opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/CharMemberValue.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/ShortMemberValue.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/Annotation.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/ArrayMemberValue.java
* /opt/cola/permits/1135869399_1613618193.6/0/javassist-3-25-0-ga-sources-3-
jar/javassist/bytecode/annotation/DoubleMemberValue.java
```

1.367 jakarta-annotation-api 1.3.5

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`show w'. This is free software, and you are welcome to redistribute
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```

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Ty Coon, President of Vice

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This content is produced and maintained by the Jakarta Annotations project.

* Project home: <https://projects.eclipse.org/projects/ee4j.ca>

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Source Code

The project maintains the following source code repositories:

- * <https://github.com/eclipse-ee4j/common-annotations-api>

##

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*/

1.368 jakarta-validation-api 2.0.2

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```
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*  
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*/
```

Found in path(s):

```
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/Validator.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/CascadableDescriptor.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ConstraintTarget.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/FutureOrPresent.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraints/Null.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/ConstraintValidatorContext.java  
*  
/opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/ExecutableDescriptor.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/groups/Default.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/MessageInterpolator.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/package-info.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/valueextraction/Unwrapping.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/valueextraction/ValueExtractor.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/constraintvalidation/ValidationTarget.java  
*  
/opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/metadata/MethodDescriptor.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/package-info.java  
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-  
jar/javax/validation/UnexpectedTypeException.java
```

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/BeanDescriptor.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Digits.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/ProviderSpecificBootstrap.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/UnwrapByDefault.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NegativeOrZero.java
 *
 /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintViolation.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintDefinitionException.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ValidateUnwrappedValue.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/SupportedValidationTarget.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/package-info.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/ValidationProvider.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ElementKind.java
 *
 /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/GroupConversionDescriptor.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ExtractedValue.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/GenericBootstrap.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/MethodType.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ValueExtractorDeclarationException.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ConstructorDescriptor.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/package-info.java
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 /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/AssertTrue.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Path.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/package-info.java
 * /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-

jar/javax/validation/valueextraction/package-info.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/constraints/PositiveOrZero.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/valueextraction/ValueExtractorDefinitionException.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/BootstrapConfiguration.java
*
/opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/metadata/ElementDescriptor.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/metadata/ContainerElementTypeDescriptor.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/GroupDefinitionException.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/constraints/Min.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/groups/ConvertGroup.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/metadata/Scope.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/constraints/Max.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/ReportAsSingleViolation.java
*
/opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/metadata/ReturnValueDescriptor.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/ParameterNameProvider.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/constraints/Pattern.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/NoProviderFoundException.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/Validation.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/ValidatorContext.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/constraints/NotBlank.java
*
/opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/spi/package-info.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/Constraint.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/Valid.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/metadata/CrossParameterDescriptor.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ClockProvider.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Configuration.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ValidateOnExecution.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Size.java

*

/opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/PastOrPresent.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintViolationException.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/package-info.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/TraversableResolver.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ExecutableValidator.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidationProviderResolver.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidatorFactory.java

*

/opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ContainerDescriptor.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ConstraintDescriptor.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ParameterDescriptor.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NotNull.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/package-info.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/GroupSequence.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Negative.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidatorFactory.java

*

/opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidationException.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/OverridesAttribute.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/BootstrapState.java

* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-

```

jar/javax/validation/constraints/Email.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/ConstraintDeclarationException.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/metadata/PropertyDescriptor.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/ConstraintValidator.java
*
/opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/executable/ExecutableType.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/constraints/AssertFalse.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/constraints/Future.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/constraints/DecimalMax.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/constraints/Positive.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/constraints/NotEmpty.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/spi/ConfigurationState.java
* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/Payload.java
*
/opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-
jar/javax/validation/constraints/DecimalMin.java
* /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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```

~ Jakarta Bean Validation API

~

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<![CDATA[

Comments to: <<mailto:bean-validation-dev@eclipse.org>>.

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Found in path(s):

```

* /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

```

1.369 bson 4.0.5

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```

Found in path(s):

```
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/pojo/ConventionObjectIdGeneratorsImpl.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/pojo/IdPropertyModelHolder.java
*
/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/IdGenerators.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/BsonCodecProvider.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/IdGenerator.java
```

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```

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- */

Found in path(s):

- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/util/CopyOnWriteMap.java
 - * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/assertions/Assertions.java
 - * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/util/AbstractCopyOnWriteMap.java
- No license file was found, but licenses were detected in source scan.

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 - * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/jsr310/Js310CodecProvider.java
 - * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/jsr310/LocalTimeCodec.java
 - *
 - * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/jsr310/LocalDateTimeCodec.java
 - * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/jsr310/InstantCodec.java
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- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/LazyMissingCodec.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonUndefinedCodec.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/internal/ProvidersCodecRegistry.java
- *
- */opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ExtendedJsonRegularExpressionConverter.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonInt32.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonUndefined.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/configuration/CodecProvider.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonStreamBuffer.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/io/ByteBufferBsonInput.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/ObjectIdCodec.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/AtomicLongCodec.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonValueCodec.java
- *
- */opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonDateTime.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonInt32Codec.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ShellMinKeyConverter.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/annotations/BsonIgnore.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BinaryCodec.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ShellBinaryConverter.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/EnumPropertyCodecProvider.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/package-info.java
- * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/internal/CodecRegistryHelper.java
- *
- */opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ExtendedJsonMinKeyConverter.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/types/BSONTimestamp.java
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 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonJavaScriptConverter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/io/BsonOutput.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ExtendedJsonDateTimeConverter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/CreatorExecutable.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonBinaryCodec.java
 *
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 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonDateTimeCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/internal/OverridableUuidRepresentationCodecRegistry.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/Bits.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonWriter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonTimestampCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/ByteBufferIO.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/PropertyReflectionUtils.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/InstanceCreatorFactory.java
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 /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/types/MinKey.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonTimestamp.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/Decimal128Codec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/PropertyCodecRegistry.java
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 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/StrictCharacterStreamJsonWriter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ExtendedJsonInt32Converter.java
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 *
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 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/io/BsonInputMark.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonParseException.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonReader.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/RawBsonArray.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ShellTimestampConverter.java
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 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/annotations/BsonDiscriminator.java
 *
 /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/configuration/CodecConfigurationException.java
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 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ShellDecimal128Converter.java
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 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/AbstractBsonWriter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonTypeClassMap.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/SymbolCodec.java
 *
 /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ExtendedJsonUndefinedConverter.java
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 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/PatternCodec.java
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 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/util/package-info.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/types/CodeWScope.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonStringCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/Conventions.java
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 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ExtendedJsonDoubleConverter.java
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 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonType.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/StrictCharacterStreamJsonWriterSettings.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/package-info.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/Transformer.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/LazyPojoCodec.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonDocumentCodec.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonMaximumSizeExceededException.java

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/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/package-info.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/MapPropertyCodecProvider.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/types/CodeWithScope.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/ConventionUseGettersAsSettersImpl.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/UuidCodecHelper.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonDouble.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/MapCodecProvider.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/conversions/package-info.java

*

/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/jsr310/package-info.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/io/package-info.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BigDecimalCodec.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ExtendedJsonTimestampConverter.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/DocumentCodecProvider.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/diagnostics/package-info.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/types/Binary.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonSerializationException.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/types/ObjectId.java

*

/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonBinaryWriter.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/OverridableUuidRepresentationCodec.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonBuffer.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/TypeData.java

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* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonReaderMark.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/UuidRepresentation.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonDecimal128Codec.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonDocument.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonInt64.java

*

/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/EmptyBSONCallback.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BasicBSONCallback.java

* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-

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jar/org/bson/codecs/pojo/TypeParameterMap.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BasicBSONEncoder.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/UuidCodecProvider.java
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* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/DecoderContext.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/IdGenerator.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/NoOpFieldNameValidator.java
*
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jar/org/bson/codecs/BsonBooleanCodec.java
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jar/org/bson/codecs/pojo/PropertyCodecProvider.java
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* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BSONCallbackAdapter.java
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* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonMinKey.java
*
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jar/org/bson/codecs/pojo/PropertyMetadata.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonTokenType.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonDbPointer.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/AtomicIntegerCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/json/ShellRegularExpressionConverter.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/RawBsonDocumentCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonReader.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonBinary.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonRegularExpression.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/BsonObjectIdCodec.java
*
/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/LazyBSONDecoder.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/ClassModel.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/pojo/PropertyAccessor.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/RawBsonValueHelper.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/Either.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/json/RelaxedExtendedJsonInt64Converter.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-

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jar/org/bson/codecs/BsonValueCodecProvider.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/BsonJavaScriptWithScopeCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/pojo/PropertyModelBuilder.java
*
/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonStringBuffer.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/types/Decimal128.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/RawBsonDocument.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/pojo/AutomaticPojoCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/pojo/ConventionDefaultsImpl.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/BsonJavaScriptCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/types/StringRangeSet.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/EncoderContext.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/Codec.java
*
/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/diagnostics/Loggers.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/json/LegacyExtendedJsonRegularExpressionConverter.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/Decoder.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/StringUtils.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/types/MaxKey.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/diagnostics/SLF4JLogger.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/configuration/MapOfCodecsProvider.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/BsonDocumentWrapperCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/DocumentCodec.java
*
/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/json/LegacyExtendedJsonDateTimeConverter.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonBinaryReader.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonJavaScript.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/Document.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/internal/UuidHelper.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/BsonTypeCodecMap.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/json/ExtendedJsonDecimal128Converter.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/ShortCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonContextType.java
*
/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/diagnostics/Logger.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BSONDecoder.java

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* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonNullConverter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonDBPointerCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonBoolean.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/OverridableUuidRepresentationUuidCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/annotations/BsonCreator.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/types/package-info.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ShellInt64Converter.java
 *
 /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ExtendedJsonObjectIdConverter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/AtomicBooleanCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ShellMaxKeyConverter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/PojoSpecializationHelper.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BSONException.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/package-info.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/types/Symbol.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/LazyBSONCallback.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/LongCodec.java
 *
 /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BSON.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/io/BsonInput.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/AbstractBsonReader.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonJavaScriptWithScope.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/InstanceCreatorImpl.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonBinarySubType.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/IterableCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/internal/ChildCodecRegistry.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ExtendedJsonBinaryConverter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/StrictJsonWriter.java
 *
 /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/ConventionSetPrivateFieldImpl.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/LegacyExtendedJsonBinaryConverter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonDocumentReader.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/internal/Optional.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/CodeCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-

jar/org/bson/json/JsonBooleanConverter.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonScanner.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/PropertyModel.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/DiscriminatorLookup.java
*
/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/FallbackPropertyCodecProvider.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/PropertyAccessorImpl.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonInt32Converter.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/RelaxedExtendedJsonDoubleConverter.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BasicBSONDecoder.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonObjectId.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonNumber.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonDocumentWrapper.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ShellUndefinedConverter.java
*
/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/StringCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonBinaryWriterSettings.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/ConventionAnnotationImpl.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/DateTimeFormatter.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/CollectibleCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BooleanCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BSONObject.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/DateCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonValue.java
*
/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonDoubleConverter.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonMaxKey.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonDocumentWriter.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/PropertySerialization.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonSymbolCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/jsr310/DateTimeBasedCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/CodeWithScopeCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonRegularExpressionCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/MinKeyCodec.java
*

/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonInt64Codec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonDecimal128.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/io/OutputBuffer.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/UuidCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonMinKeyCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/PropertyModelSerializationImpl.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/configuration/package-info.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/LazyBSONList.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/PojoBuilderHelper.java
 *
 /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/DoubleCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/Convention.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/MaxKeyCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonToken.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BSONCallback.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/annotations/package-info.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/configuration/CodecRegistries.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/CharacterCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonNull.java
 *
 /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/internal/LazyCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BSONEncoder.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonSymbolConverter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/io/BasicOutputBuffer.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonDoubleCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/ClassModelBuilder.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/ByteCodec.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/ExtendedJsonMaxKeyConverter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/Converter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/CollectionPropertyCodecProvider.java
 *
 /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/conversions/Bson.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/pojo/PojoCodecImpl.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonWriterSettings.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonWriter.java
 * /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-

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jar/org/bson/json/ExtendedJsonInt64Converter.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/pojo/PojoCodecProvider.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/pojo/InstanceCreatorFactoryImpl.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonElement.java
*
/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/pojo/PropertyCodecRegistryImpl.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BsonArray.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/pojo/InstanceCreator.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/NumberCodecHelper.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/json/ShellObjectIdConverter.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/MapCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/types/Code.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/BsonInvalidOperationException.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/BsonNullCodec.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/BasicBSONObject.java
*
/opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/codecs/ValueCodecProvider.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/codecs/Encoder.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/util/Function.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/json/JsonMode.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-
jar/org/bson/internal/CycleDetectingCodecRegistry.java
* /opt/cola/permits/1135887302_1613625706.97/0/bson-4-0-5-sources-1-jar/org/bson/diagnostics/NoOpLogger.java

```

1.370 asm 7.1

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* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/Handler.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/Frame.java
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* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/SymbolTable.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/Symbol.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/ClassVisitor.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/MethodVisitor.java
*
/opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/Handle.java
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* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/ModuleVisitor.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/Attribute.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-
jar/org/objectweb/asm/signature/SignatureVisitor.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/TypePath.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-
jar/org/objectweb/asm/MethodTooLargeException.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-
jar/org/objectweb/asm/signature/SignatureWriter.java
*
/opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/ClassReader.java
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jar/org/objectweb/asm/signature/SignatureReader.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/FieldWriter.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/ModuleWriter.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/CurrentFrame.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-
jar/org/objectweb/asm/ClassTooLargeException.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/TypeReference.java
* /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/ByteVector.java
*
/opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/Opcodes.java
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- * /opt/cola/permits/1135892428_1613626883.3/0/asm-7-1-sources-6-jar/org/objectweb/asm/signature/package.html

1.371 jakarta-ws-rs-api 2.1.6

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1.376 cliui 5.0.0

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1.377 get-caller-file 2.0.5

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1.378 p-limit 2.3.0

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1.379 hk2-locator 2.6.1

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```

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- * <https://github.com/eclipse-ee4j/glassfish-shoal>
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- * <https://github.com/eclipse-ee4j/glassfish-jsftemplating>
- * <https://github.com/eclipse-ee4j/glassfish-hk2-extra>
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- * <https://github.com/eclipse-ee4j/glassfish-fighterfish>

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1.381 hk2-utils 2.6.1

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1.385 scowl 2018.04.16-1

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The 10 level includes the 1000 most common English words (according to the Moby (TM) Words II [MWords] package), a subset of the 1000 most common words on the Internet (again, according to Moby Words II), and frequently class 16 from Brian Kelk's "UK English Wordlist with Frequency Classification".

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1.388 mgo 2.0.0-20160801194620- b6121c6199b7

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mgo - MongoDB driver for Go

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1.389 fast-deep-equal 3.1.3

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1.390 java-common 0.72

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1.391 zstd 1.4.4+dfsg-3ubuntu0.1

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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*/

/* checkTag : validation tool for libzstd

* command :

* \$./checkTag tag

* checkTag validates tags of following format : v[0-9].[0-9].[0-9]{any }

* The tag is then compared to zstd version number.

* They are compatible if first 3 digits are identical.

* Anything beyond that is free, and doesn't impact validation.

* Example : tag v1.8.1.2 is compatible with version 1.8.1

* When tag and version are not compatible, program exits with error code 1.

* When they are compatible, it exists with a code 0.

* checkTag is intended to be used in automated testing environment.

*/

1.392 libtasn 4.16.0-2

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Version 2.1, February 1999

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"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.

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(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.)

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This option is useful when you wish to copy part of the code of

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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.

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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.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) 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.
- d) 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.
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Version 3, 29 June 2007

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section 10

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@c End:
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1.393 gopkg-in-yaml-v2 v2.4.0

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1.395 aws4 1.11.0

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* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/baggage/http/BaggageRestrictionResponse.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/propagation/HexCodec.java
*
/opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/baggage/BaggageSetter.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/Reference.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/utils/Java6CompatibleThreadLocalRandom.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/baggage/Restriction.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/baggage/DefaultBaggageRestrictionManager.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/spi/BaggageRestrictionManager.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/exceptions/BaggageRestrictionManagerException.java
*
/opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/baggage/RemoteBaggageRestrictionManager.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/spi/BaggageRestrictionManagerProxy.java
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* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/metrics/InMemoryMetricsFactory.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/metrics/NoopMetricsFactory.java
*
/opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/spi/MetricsFactory.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/propagation/CompositeCodec.java
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* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/samplers/RateLimitingSampler.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/samplers/ConstSampler.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/utils/Http.java
*
/opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/exceptions/UnsupportedFormatException.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-

```

jar/io/jaegertracing/internal/samplers/SamplingStatus.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/exceptions/EmptyIpException.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/exceptions/SamplingStrategyErrorException.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/spi/Extractor.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/samplers/RemoteControlledSampler.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/reporters/NoopReporter.java
*
/opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/LogData.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/metrics/Metric.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/exceptions/MalformedTracerStateStringException.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/samplers/http/SamplingStrategyResponse.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/spi/Injector.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/samplers/http/ProbabilisticSamplingStrategy.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/metrics/Gauge.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/metrics/Tag.java
*
/opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/samplers/HttpSamplingManager.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/samplers/http/PerOperationSamplingParameters.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/reporters/InMemoryReporter.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/samplers/PerOperationSampler.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/spi/SamplingManager.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/propagation/PrefixedKeys.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/utils/Utils.java
*
/opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/reporters/CompositeReporter.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/spi/Sampler.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/samplers/GuaranteedThroughputSampler.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/spi/Reporter.java

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* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/metrics/Timer.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/metrics/Counter.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/samplers/http/OperationSamplingParameters.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/reporters/LoggingReporter.java
*
/opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/Constants.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/samplers/http/RateLimitingSamplingStrategy.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/spi/Sender.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/metrics/Metrics.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/clock/SystemClock.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/samplers/ProbabilisticSampler.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/clock/Clock.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/exceptions/EmptyTracerStateException.java
*
/opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/exceptions/SenderException.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/utils/RateLimiter.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/exceptions/NotFourOctetsException.java
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* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/exceptions/TraceIdOutOfBoundException.java

*

/opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/JaegerObjectFactory.java

* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/senders/NoopSender.java

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* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/PropagationRegistry.java

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* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/propagation/TextMapCodec.java
*
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/Configuration.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-jar/io/jaegertracing/internal/JaegerSpanContext.java
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jar/io/jaegertracing/internal/clock/MillisAccurateClock.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/MDCScopeManager.java
* /opt/cola/permits/1152086972_1618069762.04/0/jaeger-core-1-5-0-sources-
jar/io/jaegertracing/internal/clock/MicrosAccurateClock.java

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1.405 distlib 0.2.8

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A. HISTORY OF THE SOFTWARE

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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 (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is 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.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 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 |
| 2.2 | 2.1.1 | 2001 | PSF | yes |
| 2.1.2 | 2.1.1 | 2002 | PSF | yes |
| 2.1.3 | | | | |
| 2.1.2 | 2002 | PSF | yes | |
| 2.2.1 | 2.2 | 2002 | PSF | yes |
| 2.2.2 | 2.2.1 | 2002 | PSF | yes |
| 2.2.3 | 2.2.2 | 2003 | PSF | yes |
| 2.3 | 2.2.2 | 2002-2003 | PSF | yes |
| 2.3.1 | 2.3 | 2002-2003 | PSF | yes |
| 2.3.2 | 2.3.1 | 2002-2003 | PSF | yes |
| 2.3.3 | 2.3.2 | 2002-2003 | PSF | yes |
| 2.3.4 | 2.3.3 | 2004 | PSF | yes |

| | | | | |
|-------|-------|------|-----|-----|
| 2.3.5 | 2.3.4 | 2005 | PSF | yes |
| 2.4 | 2.3 | 2004 | PSF | yes |
| 2.4.1 | 2.4 | 2005 | PSF | yes |
| 2.4.2 | 2.4.1 | 2005 | PSF | yes |
| 2.4.3 | 2.4.2 | 2006 | PSF | yes |
| 2.4.4 | 2.4.3 | 2006 | PSF | yes |
| 2.5 | 2.4 | 2006 | PSF | yes |
| 2.5.1 | 2.5 | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6 | 2.5 | 2008 | PSF | yes |
| 2.6.1 | 2.6 | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 3.0 | 2.6 | 2008 | PSF | yes |
| 3.0.1 | 3.0 | 2009 | PSF | yes |
| 3.1 | 3.0.1 | 2009 | PSF | yes |
| 3.1.1 | 3.1 | 2009 | PSF | yes |
| 3.1.2 | 3.1 | 2010 | PSF | yes |
| 3.2 | 3.1 | 2010 | PSF | yes |

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=====
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=====

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distlib has started off using some of the code from distutil2.

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Thanks to:

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- Ali Afshar
- David Barnett
- Pior Bastida
- Anthony Baxter
- Erik Bray
- C. Titus Brown
- Francisco Martn Brugu
- Nicolas Cadou
- Godefroid Chapelle
- Julien Courteau
- Christophe Combelles
- Jason R. Coombs
- Pierre-Yves David
- Ned Deily
- Konrad DeLong
- Josip Djolonga
- John Edmonds
- Andr Espaze
- Boris Feld
- Andrew Francis
- Hallvard B Furuseth
- Patrice Gauthier
- Yannick Gingras
- Filip Gruszczyski
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- Kelsey Hightower

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1.407 bin-links 1.1.8

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1.408 dot-prop 4.2.1

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1.410 npm-user-validate 1.0.1

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1.415 jersey 2.34

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1.421 figgy-pudding 3.5.2

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1.422 python-requests 2.21.0

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1.424 jersey-media-json-jackson 2.34

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1.431 musl 1.2.2-r3

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ARCFOUR

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CAMELLIA

The C implementation is by Nippon Telegraph and Telephone Corporation (NTT), heavily modified by Niels Miller. Assembler for x86 and x86_64 by Niels Miller. Released under the LGPL.

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CAST128

The implementation of the CAST128 cipher is written by Steve Reid. Released into the public domain.

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DES

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MD4

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MD5

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SHA224, SHA256, SHA384, and SHA512

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TWOFISH

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1.443 commons-lang3 3.12.0

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1.444 config-chain 1.1.13

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1.445 scanelf 1.3.2-r0

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1.446 musl-utils 1.2.2-r3

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1.447 libretls 3.3.3-r2

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1.448 mongo-driver v1.4.1

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1.451 json-smart 2.3

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 */
```

Found in path(s):

* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/JSONObject.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/JSONNavi.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/JSONArray.java
*
/opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/JSONStreamAwareEx.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/writer/FakeMapper.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/JSONAwareEx.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/JSONValue.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/parser/ParseException.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/JStylerObj.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/JSONUtil.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/parser/JSONParserString.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/writer/JsonReader.java
*
/opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/parser/JSONParserReader.java
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* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/JSONStreamAware.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/parser/JSONParserBase.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/writer/DefaultMapperOrdered.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/parser/JSONParserMemory.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/writer/ArraysMapper.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/writer/CollectionMapper.java
*
/opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/parser/JSONParser.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/writer/CompressorMapper.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/writer/DefaultMapperCollection.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/writer/JsonReaderI.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/parser/JSONParserStream.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/JSONStyle.java


```
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-
jar/net/minidev/json/parser/JSONParserInputStream.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-jar/net/minidev/json/JSONAware.java
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-
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```
* /opt/cola/permits/1177952445_1625583906.57/0/json-smart-2-3-sources-4-
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```

1.452 snappy v0.0.3

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1.453 alpine-baselayout 3.2.0-r16

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1.454 annotations 2.0.1

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1.455 cache-api 1.0.0

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1.456 libaudit 1:2.8.5-2ubuntu6

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1.465 libmagic 1:5.38-4

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, D, Fortran 95, Go, Objective-C, Objective-C++, and Modula-2 compilers, documentation, and support libraries. In addition, Debian provides the gm2 compiler, either in the same source package, or built from a separate same source package. Packaging is done by the Debian GCC Maintainers <debian-gcc@lists.debian.org>, with sources obtained from:

ftp://gcc.gnu.org/pub/gcc/releases/ (for full releases)
 svn://gcc.gnu.org/svn/gcc/ (for prereleases)
 ftp://sourceware.org/pub/newlib/ (for newlib)
 git://git.savannah.gnu.org/gm2.git (for Modula-2)

The current gcc-10 source package is taken from the SVN gcc-10-branch.

Changes: See changelog.Debian.gz

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

| Language | Compiler package | Library package | Documentation |
|---------------|------------------|-----------------|-------------------|
| Ada | gnat-10 | libgnat-10 | gnat-10-doc |
| BRIG | gccbrig-10 | libhsail-rt0 | |
| C | gcc-10 | | gcc-10-doc |
| C++ | g++-10 | libstdc++6 | libstdc++6-10-doc |
| D | gdc-10 | | |
| Fortran 95 | gfortran-10 | libgfortran5 | gfortran-10-doc |
| Go | gccgo-10 | libgo0 | |
| Objective C | gobjc-10 | libobjc4 | |
| Objective C++ | gobjc++-10 | | |
| Modula-2 | gm2-10 | libgm2 | |

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

| Language | Sources | Development | Debugging | Position-Independent |
|----------|------------------|-------------------|-------------------|----------------------|
| C++ | | libstdc++6-10-dbg | libstdc++6-10-pic | |
| D | libphobos-10-dev | | | |

Additional packages include:

All languages:

| | |
|-------------------|-------------------------------------|
| libgcc1, | |
| libgcc2, libgcc4 | GCC intrinsics (platform-dependent) |
| gcc-10-base | Base files common to all compilers |
| gcc-10-soft-float | Software floating point (ARM only) |
| gcc-10-source | The sources with patches |

Ada:

libgnat-util10-dev, libgnat-util10 GNAT version library

C:

| | |
|----------------------|---------------------------------------|
| cpp-10, cpp-10-doc | GNU C Preprocessor |
| libssp0-dev, libssp0 | GCC stack smashing protection library |
| libquadmath0 | Math routines for the __float128 type |
| fixincludes | Fix non-ANSI header files |

C, C++ and Fortran 95:

libgomp1-dev, libgomp1 GCC OpenMP (GOMP) support library
libitm1-dev, libitm1 GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can

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- libatomic
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- libgomp
- libitm
- libssp
- libstdc++-v3
- libobjc
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D:

gdc-10 GNU D Compiler
libphobos-10-dev D standard runtime library

The D source package is made up of the following components.

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- d/*

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The Zlib data compression library:

- d/phobos/etc/c/zlib/*

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The Phobos standard runtime library:

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gcc/m2/gm2-libiberty:

gcc/m2/mc-boot/:

gcc/m2/mc-boot-ch/:

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gcc/m2/gm2-libs:

gcc/m2/gm2-libs-min:

gcc/m2/gm2-libs-pim:

gcc/m2/gm2-libs-ch:

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gcc/m2/gm2-libs-iso/*.def:

Library module defined by the International Standard
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BS ISO/IEC 10514-1:1996E Part 1: Modula-2, Base Language.

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libgm2:

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libgm2/libpim/:

libgm2/liblog/:

libgm2/libcor/:

libgm2/libmin/:

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DRuntime: Runtime Library for the D Programming Language

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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years

and valid for as

long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

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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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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

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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
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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.

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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.

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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.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a.

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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

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1.467 apk-tools 2.12.7-r0

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#

This rule set is based on Lawrence Phillips original metaphone

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#

Björn Jacke may be reached by email at bjoern.jacke@gmx.de

#

Changelog:

#

2000-01-05 Björn Jacke <bjoern.jacke@gmx.de>

```
# - first version with translation rules derived from
#   metaphone.cc distributed with aspell 0.28.3
# - "TH" is now represented as "@" because "0" is a
#   meta character
# - removed TH(!vowel) --> T; always use TH --> # instead
# - dropped "^AE" -> "E" (redundant)
# - "ing" is transformed to "N", not "NK"
# - "SCH(EO)" transforms to "SK" now
# - added R --> SILENT if (after a vowel) and no (vowel or
#   "y" follows) like in "Marcy" or "abort"
# - H is SILENT in RH at beginning of words
# - H is SILENT if vowel leads and "Y" follows
# - some ".OUGH.." --> ...F exceptions added
# - "^V" transforms
  to "W"
# 2000-01-07 Kevin Atkinson <kevinatk@home.com>
#   Converted from header to data file.
#
```

1.470 colors.js 1.3.3

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1.471 json-stream 1.3.5

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1.472 libpwquality-common 1.4.2-1build1

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1.477 read-package-json 2.1.2

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Found in path(s):

```
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
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
*
/opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
jar/com/jayway/jsonpath/internal/path/PredicateContextImpl.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
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jar/com/jayway/jsonpath/internal/function/latebinding/PathLateBindingValue.java
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jar/com/jayway/jsonpath/ParseContext.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
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jar/com/jayway/jsonpath/EvaluationListener.java
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jar/com/jayway/jsonpath/internal/path/RootPathToken.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
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*
/opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
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

* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/Option.java

* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/internal/path/PredicatePathToken.java

* /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

* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/internal/path/ArrayPathToken.java

* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/spi/json/JsonProvider.java

*

/opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/ValueCompareException.java

* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/Predicate.java

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* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/ReadContext.java

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* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/spi/json/AbstractJsonProvider.java

* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/Filter.java

* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-jar/com/jayway/jsonpath/spi/json/JacksonJsonProvider.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
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
jar/com/jayway/jsonpath/DocumentContext.java
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jar/com/jayway/jsonpath/spi/json/JsonSmartJsonProvider.java
* /opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
jar/com/jayway/jsonpath/internal/JsonFormatter.java
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jar/com/jayway/jsonpath/spi/mapper/MappingProvider.java
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/opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
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/opt/cola/permits/1199743787_1630577685.84/0/json-path-2-4-0-sources-7-
jar/com/jayway/jsonpath/MapFunction.java

1.479 procps 3.3.16-1ubuntu2.3

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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) <year> <name of author>

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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) year 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

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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.]

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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.

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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.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

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(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.

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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.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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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during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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- 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.

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That's all there is to it!

1.480 libcrack 2.9.6-3.2

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of

free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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(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.)

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1.483 procps 2:3.3.16-1ubuntu2.3

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1.486 spf13-pflag 1.0.5

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1.487 x-text 0.3.7

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1.489 xdg-scrum 0.0.0-20180814205039-7eeb5667e42c

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1.490 klauspost-compress 1.9.5

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1.491 xdg-stringprep 0.0.0-20180714160509- 73f8eece6fdc

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1.492 go-playground-locales 0.14.0

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1.493 leodido-go-urn 1.2.1

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1.494 golang-snappy 0.0.3

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1.495 zerolog 1.20.0

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1.496 go-playground-universal-translator

0.18.0

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1.497 alpine-keys 2.4-r0

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Upstream-Name: liblz4

Upstream-Contact: Yann Collet <Cyan4973@github.com>

Source: <https://github.com/lz4/lz4>

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1.508 open-ldap 2.4.46-18.el8

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1.509 maglev-kvstore-sdk-go-sdk-src 0.0.5

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cloud/kvstore-go-sdk/go-sdk/src@v0.0.5/connection.go  
* /opt/cola/permits/1230041550_1668882806.9068954/0/v0-0-5-1-zip/www-github.cisco.com/maglev-  
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* /opt/cola/permits/1230041550_1668882806.9068954/0/v0-0-5-1-zip/www-github.cisco.com/maglev-  
cloud/kvstore-go-sdk/go-sdk/src@v0.0.5/connection_factory.go  
* /opt/cola/permits/1230041550_1668882806.9068954/0/v0-0-5-1-zip/www-github.cisco.com/maglev-  
cloud/kvstore-go-sdk/go-sdk/src@v0.0.5/errors.go  
* /opt/cola/permits/1230041550_1668882806.9068954/0/v0-0-5-1-zip/www-github.cisco.com/maglev-  
cloud/kvstore-go-sdk/go-sdk/src@v0.0.5/proxy.go  
*
```

```
/opt/cola/permits/1230041550_1668882806.9068954/0/v0-0-5-1-zip/www-github.cisco.com/maglev-cloud/kvstore-go-sdk/go-sdk/src@v0.0.5/token_factory.go
* /opt/cola/permits/1230041550_1668882806.9068954/0/v0-0-5-1-zip/www-github.cisco.com/maglev-cloud/kvstore-go-sdk/go-sdk/src@v0.0.5/models.go
* /opt/cola/permits/1230041550_1668882806.9068954/0/v0-0-5-1-zip/www-github.cisco.com/maglev-cloud/kvstore-go-sdk/go-sdk/src@v0.0.5/utills.go
```

1.510 json-schema 0.4.0

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```
$properties->license = License::schema();
```

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```
* /opt/cola/permits/1231169960_1637613933.15/0/swaggest-php-json-schema-v0-4-0-0-gdfb0dd7-zip/swaggest-php-json-schema-dfb0dd7/src/SwaggerSchema/Info.php
```

1.511 jsprim 1.4.2

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1.512 chkconfig 1.19.1-1.el8

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1.514 pcre 8.42-6.el8

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Email domain: cam.ac.uk

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1.515 libsepol 2.9-3.el8

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1.550 ignore-walk 3.0.3

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1.555 unzip-response 2.0.1

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1.561 slide 1.1.6

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1.567 yallist 2.1.2

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499 U.S. 340 (1991)

Found in path(s):

* /opt/cola/permits/1238138242_1638902542.49/0/spdx-exceptions-2-1-0-tgz/package/README.md

1.603 parallel-transform 1.1.0

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1.604 npm-pick-manifest 3.0.2

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1.605 npm-lifecycle 3.1.5

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1.606 npm-cache-filename 1.0.2

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1.607 node-fetch-npm 2.0.2

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1.608 spdx-correct 3.0.0

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1.609 sha 3.0.0

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1.610 object-keys 1.0.12

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1.611 spdx-license-ids 3.0.5

1.611.1 Available under license :

```
workflow "Test" {  
  on = "push"  
  resolves = ["npm"]  
}
```

```
action "npm" {
```

```
uses = "shinmn/actions-npm-alpine@1.0.0"
args = "install-ci-test"
}
root = true
```

```
[*]
charset = utf-8
end_of_line = lf
indent_style = tab
tab_width = 2
insert_final_newline = true
trim_trailing_whitespace = true
```

```
[*.{md,yml}]
indent_style = space
```

```
[*.md]
trim_trailing_whitespace = false
* text=auto
# spdx-license-ids
```

```
[![npm version](https://img.shields.io/npm/v/spdx-license-ids.svg)](https://www.npmjs.com/package/spdx-license-ids)
[![Github Actions](https://action-badges.now.sh/shinmn/spdx-license-ids)](https://wdp9fww0r9.execute-api.us-west-2.amazonaws.com/production/results/shinmn/spdx-license-ids)
```

A list of [\[SPDX license\]](https://spdx.org/licenses/) identifiers

Installation

[\[Download JSON directly\]](https://raw.githubusercontent.com/shinmn/spdx-license-ids/master/index.json), or
[\[use\]](https://docs.npmjs.com/cli/install) `[npm]`:

...

```
npm install spdx-license-ids
```

...

[\[Node.js\]](https://nodejs.org/) API

```
### require('spdx-license-ids')
```

Type: ``string[]``

All license IDs except for the currently deprecated ones.

```
```javascript
const ids = require('spdx-license-ids');
//=> ['0BSD', 'AAL', 'ADSL', 'AFL-1.1', 'AFL-1.2', 'AFL-2.0', 'AFL-2.1', 'AFL-3.0', 'AGPL-1.0-only', ...]
```



```
ids.includes('BSD-3-Clause'); //=> true
ids.includes('CC-BY-1.0'); //=>
true
```

```
ids.includes('GPL-3.0'); //=> false
...

```

```
require('spdx-license-ids/deprecated')
```

```
Type: `string[]`
```

Deprecated license IDs.

```
````javascript
const deprecatedIds = require('spdx-license-ids/deprecated');
//=> ['AGPL-1.0', 'AGPL-3.0', 'GFDL-1.1', 'GFDL-1.2', 'GFDL-1.3', 'GPL-1.0', 'GPL-2.0', ...]
```

```
deprecatedIds.includes('BSD-3-Clause'); //=> false
deprecatedIds.includes('CC-BY-1.0'); //=> false
```

```
deprecatedIds.includes('GPL-3.0'); //=> true
...

```

```
## License
```

```
[Creative Commons Zero v1.0 Universal](https://creativecommons.org/publicdomain/zero/1.0/deed)
[*workflow]
indent_style = space
```

1.612 read-cmd-shim 1.0.5

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1.613 pacote 9.5.12

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1.614 npm-registry-fetch 4.0.7

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1.616 read-installed 4.0.3

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1.617 resolve 1.10.0

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1.619 iferr 1.0.2

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1.621 npm-logical-tree 1.2.1

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1.622 libnpmhook 5.0.3

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1.623 read-package-tree 5.3.1

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1.627 lockfile 1.0.4

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1.628 supports-color 5.4.0

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1.629 through2 2.0.3

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1.630 npm-package-arg 6.1.1

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1.631 p-limit 2.2.0

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1.632 unique-slug 2.0.0

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1.633 sorted-union-stream 2.1.3

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1.634 stream-shift 1.0.0

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1.635 object.getownpropertydescriptors 2.0.3

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1.636 path-parse 1.0.7

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1.637 balanced-match 1.0.2

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1.638 yallist 3.1.1

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1.639 ssri 6.0.2

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1.640 hosted-git-info 2.8.9

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1.641 libseccomp 2.5.1-1ubuntu1~20.04.2

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1.642 pep517 0.5.0

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1.643 libcap-ng 0.7.11-1.el8

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1.644 sshpk 1.17.0

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1.646 qs 6.5.3

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1.647 keyutils 1.5.10-9.el8

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Programs

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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.>  
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```

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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
```

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Version 2.1, February 1999

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"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.

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(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.)

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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.

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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.

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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.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.

Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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d) 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.

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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 materials to be 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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1.648 libxcrypt 4.1.1-6.el8

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Any executables

containing that work also fall under Section 6,

whether or not they are linked directly with the Library itself.

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source code for the Library including whatever

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1.651 ca-certificates 20211220-r0

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1.652 jnr-ffi 2.1.10

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 */
```

Found in path(s):

```
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/ByReferenceParameterConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/Util.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/sa_family_t.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/StructByReferenceToNativeConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/i386/windows/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/u_int64_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/CharSequenceParameterConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/HeapBufferParameterStrategy.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/socklen_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/mapper/DefaultSignatureType.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/StringResultConverter.java
*
```

/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/provider/jffi/platform/x86_64/darwin/TypeAliases.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/provider/jffi/InvokerTypeMapper.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/provider/converters/BoxedLong64ArrayParameterConverter.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/NoTrace.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/provider/converters/Long32ArrayParameterConverter.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/provider/jffi/PointerParameterStrategy.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/blkcnt_t.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/nlink_t.java
 *
 /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/ino_t.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/uintptr_t.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/provider/jffi/platform/arm/linux/TypeAliases.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/provider/jffi/platform/x86_64/windows/TypeAliases.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/int16_t.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/provider/jffi/NotImplMethodGenerator.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/u_int32_t.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/int32_t.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/provider/converters/EnumSetConverter.java
 *
 /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/ToNativeOp.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/provider/jffi/platform/s390/linux/TypeAliases.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/provider/jffi/LocalVariableAllocator.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/dev_t.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/clock_t.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/size_t.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/ino64_t.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/time_t.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/mapper/CompositeFunctionMapper.java
 *
 /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/swblk_t.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/provider/jffi/BufferParameterStrategy.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
 jar/jnr/ffi/provider/jffi/ParameterStrategy.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/fsfilcnt_t.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-

```

jar/jnr/ffi/provider/jffi/platform/mipsel/linux/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/mode_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/Util.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/ReflectionVariableAccessorGenerator.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/s390x/linux/TypeAliases.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/NativeLong64ArrayParameterConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/mapper/AbstractSignatureTypeMapper.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/ClosureFromNativeConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/EnumConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/i386/solaris/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/mapper/AbstractFromNativeType.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/sparc/solaris/TypeAliases.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/i386/linux/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/StructByReferenceFromNativeConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/u_int16_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/i386/darwin/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/i386/openbsd/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/mips/linux/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/blksize_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/NativeLongConverter.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/PrimitiveArrayParameterStrategy.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/LocalVariable.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/mapper/AbstractToNativeType.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/ppc/linux/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/ToNativeTypes.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/FromNativeType.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-

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jar/jnr/ffi/util/AnnotationNameComparator.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/NativeLong32ArrayParameterConverter.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/BoxedDoubleArrayParameterConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/ppc/darwin/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/BoxedLong32ArrayParameterConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/NativeLibraryLoader.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/x86_64/linux/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/fsblkcnt_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/TransientNativeMemory.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/NativeFunctionMapperContext.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/StructArrayParameterConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/BoxedIntegerArrayParameterConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/caddr_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/Encoding.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/pid_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/NullObjectParameterStrategy.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/LibraryLoader.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/StringBuilderParameterConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/BoxedShortArrayParameterConverter.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/DefaultTypeMapper.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/sparcv9/solaris/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/NativeClosureProxy.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/ppc/aix/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/X86Disassembler.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/Pointer32ArrayParameterConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/util/Annotations.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-

```

```

jar/jnr/ffi/mapper/CompositeTypeMapper.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/int8_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/ReflectionLibraryLoader.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/InvalidRuntime.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/x86_64/freebsd/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/x86_64/dragonfly/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/VariableAccessorGenerator.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/mapper/SignatureTypeMapperAdapter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/off_t.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/mapper/SignatureTypeMapper.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/TypeDefinition.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/NativeFinalizer.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/x86_64/openbsd/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/ssize_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/u_int8_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/BoxedFloatArrayParameterConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/CharSequenceArrayParameterConverter.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/in_addr_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/ClosureTypeMapper.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/TypeAlias.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/mapper/CachingTypeMapper.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/StringBufferParameterConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/ToNativeType.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/in_port_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/FromNativeTypes.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/id_t.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/Variable.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/Pointer64ArrayParameterConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/InvalidProvider.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/rlim_t.java

```



```
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/SimpleNativeContext.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/SignatureType.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/x86_64/solaris/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/uid_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/NoX86.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/int64_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/gid_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/BoxedByteArrayParameterConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/intptr_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/StringUtil.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/byref/NumberByReference.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/i386/freebsd/TypeAliases.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/key_t.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/converters/BoxedBooleanArrayParameterConverter.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/AsmStructByReferenceFromNativeConverter.java
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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/util/AnnotationProperty.java
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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/util/AnnotationProxy.java
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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/AbstractDataConverter.java

* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/ClosureManager.java

* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/NativeClosureManager.java

*

/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/DefaultObjectReferenceManager.java

* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/FastLongMethodGenerator.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/NativeClosureFactory.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/NativeClosurePointer.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/StructLayout.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/BaseMethodGenerator.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/BufferMethodGenerator.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/AbstractFastNumericMethodGenerator.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/AbstractAsmLibraryInterface.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/IntPointer.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/FastNumericMethodGenerator.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/LongLong.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/ObjectReferenceManager.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/MethodGenerator.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/AsmBuilder.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/X86MethodGenerator.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/ClosureUtil.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/FastIntMethodGenerator.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/Delegate.java
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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/platform/ppc64le/linux/TypeAliases.java

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Found in path(s):

* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/platform/sparcv9/linux/TypeAliases.java
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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/Pointer.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/NativeInvocationHandler.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/DefaultInvokerFactory.java
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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/Runtime.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/byref/AbstractNumberReference.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/Memory.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/Type.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/byref/AbstractReference.java

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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/MemoryUtil.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/SkinnyMethodAdapter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/NativeRuntime.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/FunctionMapper.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/BadType.java

* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/MemoryManager.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/Clear.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/DirectMemoryIO.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/NullMemoryIO.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/Provider.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/Library.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/InAccessibleMemoryIO.java
 *
 /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/DelegatingMemoryIO.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/ParameterFlags.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/ARM_64StubCompiler.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/Platform.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/byref/LongLongByReference.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/JNINativeInterface.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/FromNativeConverter.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/util/BufferUtil.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/ToNativeConverter.java
 *
 /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/InvokerUtil.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/IgnoreError.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/MethodParameterContext.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/byref/DoubleByReference.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/Synchronized.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/IdentityFunctionMapper.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/ShareMemoryIO.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/AsmClassLoader.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/StdCall.java
 *
 /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/Invoker.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/Address.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/Direct.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/ArrayMemoryIO.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/Out.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/LibraryOption.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/Meta.java
 * /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/NativeMemoryManager.java

* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/LoadedLibrary.java
*

/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/NativeLong.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/Pinned.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/In.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/util/EnumMapper.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/byref/ShortByReference.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/AllocatedDirectMemoryIO.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/NumberUtil.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/Transient.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/X86_64StubCompiler.java
*

/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/NativeLibrary.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/StubCompiler.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/BoundedMemoryIO.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/NullTypeMapper.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/NulTerminate.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/AsmLibraryLoader.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/byref/ByteByReference.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/byref/PointerByReference.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/AbstractArrayMemoryIO.java
*

/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/ToNativeContext.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/byref/NativeLongByReference.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/ByteBufferMemoryIO.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/InvocationSession.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/AbstractA64StubCompiler.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/byref/AddressByReference.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/LastError.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/TypeMapper.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/JNIInvokeInterface.java
*

/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/AsmUtil.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/AbstractRuntime.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/AbstractBufferMemoryIO.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/X86_32StubCompiler.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-

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jar/jnr/ffi/provider/jffi/AbstractX86StubCompiler.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/AsmRuntime.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/DataConverter.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/CallingConvention.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/AbstractMemoryIO.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/LibraryLoader.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/mapper/FromNativeContext.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/mapper/MethodResultContext.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/byref/ByReference.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/SymbolNotFoundError.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/byref/IntByReference.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/annotations/SaveError.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/CodegenUtils.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/byref/FloatByReference.java
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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/ConverterMetaData.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/FromNativeType.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/mapper/SimpleFunctionMapper.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/ParameterType.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
```

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jar/jnr/ffi/provider/jffi/StructByReferenceResultConverterFactory.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/NativeVariable.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/NativeFunction.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/InterfaceScanner.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/Types.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/ResultType.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-
jar/jnr/ffi/provider/jffi/AnnotationTypeMapper.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/SimpleTypeMapper.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/SigType.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/ToNativeType.java
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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/util/ref/internal/Finalizer.java
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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/util/ref/FinalizableSoftReference.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/util/ref/FinalizableReference.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/util/ref/FinalizableWeakReference.java
*
/opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/util/ref/FinalizablePhantomReference.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/util/ref/FinalizableReferenceQueue.java

1.653 jnr-constants 0.9.12

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* /opt/cola/permits/1257210801_1642789703.83/0/jnr-constants-0-9-12-sources-jar/com/kenai/constantine/Constant.java
* /opt/cola/permits/1257210801_1642789703.83/0/jnr-constants-0-9-12-sources-jar/jnr/constants/Constant.java
* /opt/cola/permits/1257210801_1642789703.83/0/jnr-constants-0-9-12-sources-jar/jnr/constants/Platform.java
*
/opt/cola/permits/1257210801_1642789703.83/0/jnr-constants-0-9-12-sources-jar/jnr/constants/platform/ConstantResolver.java
* /opt/cola/permits/1257210801_1642789703.83/0/jnr-constants-0-9-12-sources-jar/com/kenai/constantine/ConstantSet.java
* /opt/cola/permits/1257210801_1642789703.83/0/jnr-constants-0-9-12-sources-jar/com/kenai/constantine/platform/ConstantResolver.java

1.654 jnr-posix 3.0.50

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- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/LongType.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/BuiltinAtomicType.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/XSDatatypeImpl.java
- *
- /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/ListType.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/xml/util/XmlChars.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/Base64BinaryType.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/GYearMonthType.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/IntegerDerivedType.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/MinLengthFacet.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/TypeIncubator.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/DurationType.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/TokenType.java
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- /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/MaxLengthFacet.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/datetime/PreciseCalendarFormatter.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/TimeType.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/NormalizedStringType.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/HexBinaryType.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/UnsignedLongType.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/IntegerValueType.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/FinalComponent.java
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 * /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-
 jar/com/sun/msv/datatype/xsd/RangeFacet.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/datetime/AbstractCalendarParser.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/EntityType.java

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/opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/GMonthType.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/ngimpl/DataTypeLibraryImpl.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/ShortType.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/GMonthDayType.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/NonPositiveIntegerType.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/DateTimeType.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/regex/JDKImpl.java

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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/SerializationContext.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/AnyURIType.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/IntType.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/TotalDigitsFacet.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/UnsignedShortType.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/DataTypeWithFacet.java

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/opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/DateType.java

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/Discrete.java

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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-jar/com/sun/msv/datatype/xsd/regex/RegExpFactory.java

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jar/com/sun/msv/datatype/xsd/ConcreteType.java
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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-
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/opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-
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jar/com/sun/msv/datatype/xsd/IDREFTType.java
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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-
jar/com/sun/msv/datatype/regexp/ParserForXMLSchema.java
* /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-
jar/com/sun/msv/datatype/regexp/RegexParser.java

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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-

jar/com/sun/msv/datatype/regexp/RangeToken.java

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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-
jar/com/sun/msv/datatype/regexp/InternalImpl.java
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* /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/regexp/message.properties

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/regexp/message_ja.properties

* /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/regexp/message_fr.properties

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- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/regexp/BMPattern.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/regexp/RegularExpression.java
- *
/opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/regexp/Op.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/regexp/ParseException.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/regexp/Match.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/regexp/REUtil.java
- * /opt/cola/permits/1257217844_1642790354.82/0/xsdlb-2013-6-1-sources-jar/com/sun/msv/datatype/regexp/Token.java

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```
* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-
jar/com/sun/msv/datatype/xsd/Messages.properties
* /opt/cola/permits/1257217844_1642790354.82/0/xsdlib-2013-6-1-sources-
jar/com/sun/msv/datatype/xsd/Messages_ja.properties
```

1.656 jctools-core 2.1.1

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```
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/BaseLinkedListQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/SpmcAtomicArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java
*
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/maps/NonBlockingHashMap.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/util/UnsafeAccess.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/SpSCUnboundedArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/LinkedListNode.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/MpscAtomicArrayQueue.java
```

```

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/MpscChunkedArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/SpSCArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/SpSCUnboundedAtomicArrayQueue.java
*
/opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/MpscGrowableAtomicArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/AtomicReferenceArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/SpSCLinkedAtomicQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/maps/ConcurrentAutoTable.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/maps/NonBlockingSetInt.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/MessagePassingQueueUtil.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/SpSCChunkedArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/SpSCAtomicArrayQueue.java
*
/opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/MpscGrowableArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/ConcurrentCircularArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/SpMCArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/util/RangeUtil.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/spec/Preference.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/spec/Ordering.java
*
/opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/MpscLinkedQueue7.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/BaseMpscLinkedArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/maps/NonBlockingIdentityHashMap.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/QueueFactory.java

```

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/maps/NonBlockingHashSet.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/MpscLinkedQueue8.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/MessagePassingQueue.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/util/Pow2.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/MpscUnboundedAtomicArrayQueue.java

*

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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/SpSCGrowableArrayQueue.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/MpmcArrayQueue.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/spec/ConcurrentQueueSpec.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/SpSCLinkedQueue.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/util/UnsafeRefArrayAccess.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/package-info.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/maps/AbstractEntry.java

*

/opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/MpscCompoundQueue.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/BaseMpscLinkedAtomicArrayQueue.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/maps/NonBlockingHashMapLong.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/BaseSpSCLinkedArrayQueue.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/SpSCChunkedAtomicArrayQueue.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/MpmcAtomicArrayQueue.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/BaseLinkedAtomicQueue.java

*

/opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/IndexedQueueSizeUtil.java

* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/MpscLinkedQueue.java

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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
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jar/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/atomic/SpSCGrowAtomicArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-
jar/org/jctools/queues/MpscUnboundedArrayQueue.java
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```
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    </goals>
  </execution>
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<configuration>
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</configuration>
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  <execution>
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    </goals>
  </execution>
</executions>

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</plugins>
</build>
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    <name>jctools-jctools</name>
    <url>https://api.bintray.com/maven/jctools/jctools/jctools-core/;publish=1</url>
  </repository>
</distributionManagement>
```

```
<url>https://github.com/JCTools</url>
<inceptionYear>2013</inceptionYear>
```

```
<licenses>
  <license>
    <name>Apache
License, Version 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>
```

```
<scm>
  <url>https://github.com/JCTools/JCTools</url>
  <connection>scm:git:https://github.com/JCTools/JCTools</connection>
  <tag>HEAD</tag>
</scm>
```

```
<developers>
  <developer>
    <url>https://github.com/nitsanw</url>
  </developer>
  <developer>
    <url>https://github.com/mjpt777</url>
  </developer>
  <developer>
    <url>https://github.com/RichardWarburton</url>
  </developer>
  <developer>
    <url>https://github.com/Kay</url>
  </developer>
</developers>
```

```
<prerequisites>
  <maven>3.3.9</maven>
</prerequisites>
```

```
<properties>
<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
  <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/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

1.657 opentracing-noop 0.31.0

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```

Found in path(s):

* /opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopSpanBuilder.java

* /opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopSpan.java

```
* /opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-
jar/io/opentracing/noop/NoopScopeManager.java
*
/opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-
jar/io/opentracing/noop/NoopSpanContext.java
* /opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-
jar/io/opentracing/noop/NoopTracer.java
* /opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-
jar/io/opentracing/noop/NoopTracerFactory.java
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Found in path(s):

```
* /opt/cola/permits/1257262334_1642793362.32/0/opentracing-noop-0-31-0-sources-jar/META-
INF/maven/io.opentracing/opentracing-noop/pom.xml
```

1.658 accessors-smart 1.2

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```


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*/

Found in path(s):

* /opt/cola/permits/1257532423_1642861239.0/0/accessors-smart-1-2-sources-jar/net/minidev/asm/DynamicClassLoader.java

* /opt/cola/permits/1257532423_1642861239.0/0/accessors-smart-1-2-sources-jar/net/minidev/asm/ASMUtil.java

* /opt/cola/permits/1257532423_1642861239.0/0/accessors-smart-1-2-sources-jar/net/minidev/asm/BeansAccess.java

*

/opt/cola/permits/1257532423_1642861239.0/0/accessors-smart-1-2-sources-jar/net/minidev/asm/Accessor.java

1.659 mchange-commons-java 0.2.15

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1.660 reflections 0.9.10

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1.661 jetty-xml 9.4.18.v20190429

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1.664 fontconfig 2.13.1-2ubuntu3

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1.665 jtoml 1.0.0

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1.666 jnr-netdb 1.1.6

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Found in path(s):

* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/IANAServicesDB.java
* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/NetDBParser.java
* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/NativeProtocolsDB.java
*
/opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/Protocol.java
* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/FileProtocolsDB.java
* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/IANAProtocolsDB.java
* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/NativeServicesDB.java
* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/ProtocolsDB.java
* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/StringUtil.java
* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/FileServicesDB.java
* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/NetDBIterator.java
* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/NetDBFilter.java
* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/ServicesDB.java
*
/opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/Service.java
* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/NetDBEntry.java

1.667 java-sizeof 0.0.5

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* This class contains black magic stuff based mostly on proprietary
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*/

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* /opt/cola/permits/1258272178_1643050051.82/0/java-sizeof-0-0-5-sources-jar/com/carrotsearch/sizeof/BlackMagic.java

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 */
```

Found in path(s):

```
* /opt/cola/permits/1258272178_1643050051.82/0/java-sizeof-0-0-5-sources-
jar/com/carrotsearch/sizeof/Constants.java
*
/opt/cola/permits/1258272178_1643050051.82/0/java-sizeof-0-0-5-sources-
jar/com/carrotsearch/sizeof/RamUsageEstimator.java
```

1.668 st4 4.1

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```

```
*/
```

```
grammar Group;
```

```
options {
  language=Java;
}
```

```
tokens {
  TRUE='true'; FALSE='false'; LBRACK='['; RBRACK=']';
}
```

```
@header {
```

```
/*
```

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*/

```
package org.stringtemplate.v4.compiler;
```

```
import java.util.Collections;  
import java.util.Map;  
import java.util.LinkedHashMap;  
import java.util.List;  
import java.util.ArrayList;  
import org.stringtemplate.v4.misc.*;  
import org.stringtemplate.v4.*;  
import java.io.File;  
}
```

```
@lexer::header {
```

```
/*
```

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```
DAMAGE.
```

```
*/
```

```
package org.stringtemplate.v4.compiler;
```

```
import org.stringtemplate.v4.*;
```

```

import org.stringtemplate.v4.misc.*;
import java.io.File;
}

@members {
public STGroup group;

@Override
public void displayRecognitionError(String[] tokenNames,
                                   RecognitionException e)
{
    String msg = getErrorMessage(e, tokenNames);
    group.errMgr.groupSyntaxError(ErrorType.SYNTAX_ERROR, getSourceName(), e, msg);
}
@Override
public String getSourceName() {
    String fullFileName = super.getSourceName();
    File f = new File(fullFileName); // strip to simple name
    return f.getName();
}
public void error(String msg) {
    NoViableAltException e = new NoViableAltException("", 0, 0, input);
    group.errMgr.groupSyntaxError(ErrorType.SYNTAX_ERROR, getSourceName(), e, msg);
    recover(input, null);
}

public void addArgument(List<FormalArgument> args, Token t, Token defaultValueToken) {
    String name = t.getText();
    for (FormalArgument arg : args) {
        if (arg.name.equals(name))
        {
            group.errMgr.compileTimeError(ErrorType.PARAMETER_REDEFINITION, null, t, name);
            return;
        }
    }
}

args.add(new FormalArgument(name, defaultValueToken));
}
}

@lexer::members {
public STGroup group;

@Override
public void reportError(RecognitionException e) {
    String msg = null;
    if ( e instanceof NoViableAltException ) {
        msg = "invalid character '"+(char)input.LA(1)+"'";
    }
}
}

```

```

    }
    else if ( e instanceof MismatchedTokenException && ((MismatchedTokenException)e).expecting=="" ) {
        msg = "unterminated string";
    }
    else {
        msg = getErrorMessage(e, getTokenNames());
    }
    group.errMgr.groupSyntaxError(ErrorType.SYNTAX_ERROR, getSourceName(), e, msg);
}
@Override
public String getSourceName() {
    String fullFileName = super.getSourceName();
    File f = new File(fullFileName); // strip to simple name
    return f.getName();
}
}

group[STGroup group, String prefix]
@init {
GroupLexer lexer = (GroupLexer)input.getTokenSource();
this.group
= lexer.group = $group;
}
: oldStyleHeader?
delimiters?
( 'import' STRING {group.importTemplates($STRING);}
| 'import' // common error: name not in string
{
MismatchedTokenException e = new MismatchedTokenException(STRING, input);
reportError(e);
}
ID (' ID)* // might be a.b.c.d
)*
def[prefix]*
EOF
;

oldStyleHeader // ignore but lets us use this parser in AW for both v3 and v4
: 'group' ID ( ' ID )?
( 'implements' ID ( ' ID)* )?
';
;

groupName returns [String name]
@init {StringBuilder buf = new StringBuilder();}
: a=ID {buf.append($a.text);} (' a=ID {buf.append($a.text);})*
;

```



```

delimiters
: 'delimiters' a=STRING ',' b=STRING
{
boolean supported = true;
char startCharacter = $a.getText().charAt(1);
if (STGroup.isReservedCharacter(startCharacter)) {
group.errMgr.compileTimeError(ErrorType.UNSUPPORTED_DELIMITER, null, $a,
String.valueOf(startCharacter));
supported = false;
}

char stopCharacter
= $b.getText().charAt(1);
if (STGroup.isReservedCharacter(stopCharacter)) {
group.errMgr.compileTimeError(ErrorType.UNSUPPORTED_DELIMITER, null, $b,
String.valueOf(stopCharacter));
supported = false;
}

if (supported) {
group.delimiterStartChar=$a.getText().charAt(1);
group.delimiterStopChar=$b.getText().charAt(1);
}
}
;

/** Match template and dictionary defs outside of (...) loop in group.
* The key is catching while still in the loop; must keep prediction of
* elements separate from "stay in loop" prediction.
*/
def[String prefix] : templateDef[prefix] | dictDef ;
catch[RecognitionException re] {
// pretend we already saw an error here
state.lastErrorIndex = input.index();
error("garbled template definition starting at "+input.LT(1).getText()+"");
}

templateDef[String prefix]
@init {
String template=null;
int n=0; // num char to strip from left, right of template def
}
: ('@' enclosing=ID '.' name=ID '(' ')
| name=ID
(' formalArgs ')
)
'::='
{Token templateToken = input.LT(1);}

```

```

( STRING {template=$STRING.text; n=1;}
| BIGSTRING {template=$BIGSTRING.text; n=2;}
| BIGSTRING_NO_NL {template=$BIGSTRING_NO_NL.text; n=2;}
| {
    template = "";
    String msg = "missing template at "+input.LT(1).getText()+"";
        NoViableAltException e = new NoViableAltException("", 0, 0, input);
        group.errMgr.groupSyntaxError(ErrorType.SYNTAX_ERROR, getSourceName(), e, msg);
    }
)
{
    if ( $name.index >= 0 ) { // if ID missing
template = Misc.strip(template, n);
String templateName = $name.text;
if ( prefix.length()>0 ) templateName = prefix+$name.text;
String enclosingTemplateName = $enclosing.text;
if ( enclosingTemplateName != null && enclosingTemplateName.length()>0 && prefix.length()>0 ) {
    enclosingTemplateName = prefix + enclosingTemplateName;
}
group.defineTemplateOrRegion(templateName, enclosingTemplateName,
templateToken,
    template, $name, $formalArgs.args);
}
}
| alias=ID '::=' target=ID {group.defineTemplateAlias($alias, $target);}
;

```

```
formalArgs returns[List<FormalArgument> args = new ArrayList<FormalArgument>()]
```

```

scope {
    boolean hasOptionalParameter;
}
@init { $formalArgs::hasOptionalParameter = false; }
: formalArg[$args] (' formalArg[$args])*
|
;

```

```
formalArg[List<FormalArgument> args]
```

```

: ID
( '=' a=(STRING|ANONYMOUS_TEMPLATE|'true'|'false') {$formalArgs::hasOptionalParameter = true;}
| '=' a=[' ']' {$formalArgs::hasOptionalParameter = true;}
| {
    if ($formalArgs::hasOptionalParameter) {
        group.errMgr.compileTimeError(ErrorType.REQUIRED_PARAMETER_AFTER_OPTIONAL,
            null, $ID);
    }
}
)
{addArgument($args, $ID, $a);}

```

```

;

/*
suffix returns [int cardinality=FormalArgument.REQUIRED]
: OPTIONAL
| STAR
| PLUS
|
;
*/

dictDef
: ID '::~=' dict
{
    if ( group.rawGetDictionary($ID.text)!=null
) {
    group.errMgr.compileTimeError(ErrorType.MAP_REDEFINITION, null, $ID);
    }
    else if ( group.rawGetTemplate($ID.text)!=null ) {
    group.errMgr.compileTimeError(ErrorType.TEMPLATE_REDEFINITION_AS_MAP, null, $ID);
    }
    else {
        group.defineDictionary($ID.text, $dict.mapping);
    }
}
;

dict returns [Map<String,Object> mapping]
@init { mapping=new LinkedHashMap<String,Object>();}
: '[' dictPairs[mapping] ']'
;

dictPairs[Map<String,Object> mapping]
: keyValuePair[mapping]
(',' keyValuePair[mapping])* (',' defaultValuePair[mapping])?
| defaultValuePair[mapping]
;
catch[RecognitionException re] {
    error("missing dictionary entry at "+input.LT(1).getText()+"");
}

defaultValuePair[Map<String,Object> mapping]
: 'default' ':' keyValue { mapping.put(STGroup.DEFAULT_KEY, $keyValue.value);}
;

keyValuePair[Map<String,Object> mapping]
: STRING ':' keyValue { mapping.put(Misc.replaceEscapes(Misc.strip($STRING.text,

```

```

1)), $keyValue.value);}
;

keyValue returns [Object value]
: BIGSTRING {$value = group.createSingleton($BIGSTRING);}
| BIGSTRING_NO_NL {$value = group.createSingleton($BIGSTRING_NO_NL);}
| ANONYMOUS_TEMPLATE {$value = group.createSingleton($ANONYMOUS_TEMPLATE);}
| STRING {$value = Misc.replaceEscapes(Misc.strip($STRING.text, 1));}
| TRUE {$value = true;}
| FALSE {$value = false;}
| [' '] {$value = Collections.emptyList();}
| {input.LT(1).getText().equals("key")}?=> ID
    {$value = STGroup.DICT_KEY;}
;
catch[RecognitionException re] {
    error("missing value for key at "+input.LT(1).getText()+"");
}

ID : ('a'..'z'|'A'..'Z'|'_') ('a'..'z'|'A'..'Z'|'0'..'9'|'-'|'_')*
;

STRING
: ""
( '\\ ""
| \\ ~ ""
| {
    String msg = "\\n in string";
    NoViableAltException e = new NoViableAltException("", 0, 0, input);
    group.errMgr.groupLexerError(ErrorType.SYNTAX_ERROR, getSourceName(), e, msg);
}
'n'
| ~(\\|'|""|'\n')
)*
""

{
    String txt = getText().replaceAll("\\\\\\\\", "\\");
    setText(txt);
}
;

BIGSTRING_NO_NL // same as BIGSTRING but means ignore newlines later
: '<%' ( . )* '%>'
    // %\> is the escape to avoid end of string
    {
        String txt = getText().replaceAll("%\\\\\\\\>", "%>");
        setText(txt);
    }
}

```

```

;

/** Match <<...>> but also allow <<..<x>>> so we can have tag on end.
    Escapes: >\> means >> inside of <<...>>.
    Escapes: \>> means >> inside of <<...>> unless at end like <<...>>>>.
    In that case, use <%...>%> instead.
*/
BIGSTRING
: '<<'
  ( options { greedy=false; }
  : '\\ '>' // \> escape
  | '\\ ~>' // allow this but don't collapse in action
  | ~\\'
  )*
  '>>'
  {
    String txt = getText();
    txt = Misc.replaceEscapedRightAngle(txt); // replace \> with > unless <|\>
    setText(txt);
  }
;

```

ANONYMOUS_TEMPLATE

```

: '{'
  {
    Token templateToken = new CommonToken(input, ANONYMOUS_TEMPLATE, 0, getCharIndex(),
getCharIndex());
    STLexer
lexer =
    new STLexer(group.errMgr, input, templateToken, group.delimiterStartChar, group.delimiterStopChar);
lexer.subtemplateDepth = 1;
Token t = lexer.nextToken();
while ( lexer.subtemplateDepth>=1 || t.getType()!=STLexer.RCURLY ) {
if ( t.getType()==STLexer.EOF_TYPE ) {
    MismatchedTokenException e = new MismatchedTokenException('}', input);
    String msg = "missing final '}' in {...} anonymous template";
    group.errMgr.groupLexerError(ErrorType.SYNTAX_ERROR, getSourceName(), e, msg);
    break;
  }
  t = lexer.nextToken();
}
}
// don't match '}' here; our little {...} scanner loop matches it
// to terminate.
;

```

COMMENT

```

: '/' ( options { greedy=false; } : . )* '*' { skip(); }

```

```
;  
  
LINE_COMMENT  
: '/' ~(\n|\r)* 'r'? \n' {skip();}  
;
```

```
WS : (' |\r|\t|\n') {skip();} ;
```

Found in path(s):

```
*/opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/compiler/Group.g  
No license file was found, but licenses were detected in source scan.
```

```
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*/
```

```
/** Build an AST from a single StringTemplate template */  
parser grammar STParser;
```

```
options {  
language=Java;  
tokenVocab=STLexer;  
TokenLabelType=CommonToken;
```

```

output=AST;
ASTLabelType=CommonTree;
}

tokens {
  EXPR; OPTIONS; PROP; PROP_IND; INCLUDE; INCLUDE_IND; EXEC_FUNC; INCLUDE_SUPER;
  INCLUDE_SUPER_REGION; INCLUDE_REGION; TO_STR; LIST; MAP; ZIP; SUBTEMPLATE; ARGS;
  ELEMENTS; REGION; NULL; INDENTED_EXPR;
}

@header
{
package org.stringtemplate.v4.compiler;
import org.stringtemplate.v4.misc.ErrorManager;
import org.stringtemplate.v4.misc.ErrorType;
}

@members {
ErrorManager errMgr;
Token templateToken;
public STParser(TokenStream input, ErrorManager errMgr, Token templateToken) {
  this(input);
  this.errMgr = errMgr;
  this.templateToken = templateToken;
}
@Override
protected Object recoverFromMismatchedToken(IntStream input, int ttype, BitSet follow)
  throws RecognitionException
{
  throw new MismatchedTokenException(ttype, input);
}
}

@rulecatch {
  catch (RecognitionException re) { throw re; }
}

templateAndEOF : template EOF -> template? ;

template : element* ;

element
: {input.LT(1).getCharPositionInLine()==0}? INDENT? COMMENT NEWLINE -> // throw away
| INDENT singleElement -> ^(INDENTED_EXPR INDENT singleElement?) // singleElement is optional to handle
error returning nil
| singleElement
| compoundElement
;

```

```

singleElement
: exprTag
| TEXT
| NEWLINE
| COMMENT! // throw away
;

compoundElement
: ifstat
| region
;

exprTag
: LDELIM
expr ( ';' exprOptions )? RDELIM
-> ^(EXPR[$LDELIM,"EXPR"] expr exprOptions?)
;

region
@init {Token indent=null;}
: i=INDENT? x=LDELIM '@' ID RDELIM {if (input.LA(1)!=NEWLINE) indent=$i;}
template
INDENT? LDELIM '@end' RDELIM
// kill \n for <@end> on line by itself if multi-line embedded region
({$region.start.getLine() != input.LT(1).getLine() }? => NEWLINE)?
-> {indent != null}?
    ^(INDENTED_EXPR $i ^(REGION[$x] ID template?))
->
    ^(REGION[$x] ID template?)
;

subtemplate
: lc={' (ids+= ID ( ';' ids+= ID )* '|')? template INDENT? '}
// ignore final INDENT before } as it's not part of outer indent
-> ^(SUBTEMPLATE[$lc,"SUBTEMPLATE"] ^(ARGS $ids)* template?)
;

ifstat
@init {Token indent=null;}
: i=INDENT? LDELIM 'if' '(' c1=conditional ')' RDELIM {if (input.LA(1)!=NEWLINE) indent=$i;}
t1=template
( INDENT? LDELIM 'elseif' '(' c2+=conditional ')' RDELIM t2+=template )*
(
INDENT? LDELIM 'else' RDELIM t3=template )?
INDENT? endif= LDELIM 'endif'
RDELIM
// kill \n for <endif> on line by itself if multi-line IF
({$ifstat.start.getLine() != input.LT(1).getLine() }? => NEWLINE)?

```



```

-> {indent!=null}?
  ^(INDENTED_EXPR $i ^(if $c1 $t1? ^(elseif $c2 $t2)* ^(else $t3?))
->      ^(if $c1 $t1? ^(elseif $c2 $t2)* ^(else $t3?))
;

```

conditional

```

scope {
  boolean inside;
}
: andConditional ( '||'^ andConditional )*
;

```

andConditional : notConditional ('&&'^ notConditional)* ;

notConditional

```

: '!'^ notConditional
| memberExpr
;

```

notConditionalExpr

```

: (ID->ID)
( p='.' prop=ID -> ^(PROP[$p,"PROP"] $notConditionalExpr $prop)
| p='.' (' mapExpr' )' -> ^(PROP_IND[$p,"PROP_IND"] $notConditionalExpr mapExpr)
)*
;

```

exprOptions : option (',' option)* -> ^(OPTIONS option*);

option

```

@init {
  String id = input.LT(1).getText();
  String defVal = Compiler.defaultOptionValues.get(id);
  boolean validOption = Compiler.supportedOptions.get(id)!=null;
}
: ID
{
  if
  ( !validOption ) {
    errMgr.compileTimeError(ErrorType.NO_SUCH_OPTION, templateToken, $ID, $ID.text);
  }
}
( '=' exprNoComma -> { validOption } ? ^('=' ID exprNoComma)
->
| {
  if ( defVal==null ) {
    errMgr.compileTimeError(ErrorType.NO_DEFAULT_VALUE, templateToken, $ID);
  }
}
}

```

```

-> {validOption&&defVal!=null}?
  ^EQUALS["="] ID STRING[$ID,""+defVal+""]
->
)
;

exprNoComma
: memberExpr
( ':' mapTemplateRef -> ^(MAP memberExpr mapTemplateRef
| -> memberExpr
)
;

expr : mapExpr ;

// more complicated than necessary to avoid backtracking, which ruins
// error handling
mapExpr
: memberExpr
( (c=',' memberExpr)+ col=':' mapTemplateRef
  -> ^(ZIP[$col] ^(ELEMENTS memberExpr+) mapTemplateRef)
| -> memberExpr
)
( {if ($x!=null) $x.clear();} // don't keep queueing x; new list for each iteration
  col=':' x+=mapTemplateRef
({$c==null}?=>' ' x+=mapTemplateRef )*
  -> ^(MAP[$col] $mapExpr $x+)
)*
;

/**
expr:template(args) apply template to expr
expr:{arg | ...} apply subtemplate to expr
expr:(e)(args) convert e to a string template name and apply to expr
*/
mapTemplateRef
: qualifiedId '(' args ')' -> ^(INCLUDE qualifiedId args?)
| subtemplate
| lp='(' mapExpr rp=')' '(' argExprList? ')' -> ^(INCLUDE_IND mapExpr argExprList?)
;

memberExpr
: (includeExpr->includeExpr)
( p='.' ID -> ^(PROP[$p,"PROP"] $memberExpr ID)
| p='.' '(' mapExpr ')' -> ^(PROP_IND[$p,"PROP_IND"] $memberExpr mapExpr)
)*
;

```

```

includeExpr
options {k=2;} // prevent full LL(*), which fails, falling back on k=1; need k=2
: {Compiler.funcs.containsKey(input.LT(1).getText())? // predefined function
  ID (' expr? ') -> ^(EXEC_FUNC ID expr?)
| 'super' ! ID (' args ') -> ^(INCLUDE_SUPER ID args?)
| qualifiedId (' args ') -> ^(INCLUDE qualifiedId args?)
| '@' 'super' !
ID (' rp=') -> ^(INCLUDE_SUPER_REGION ID)
| '@' ID (' rp=') -> ^(INCLUDE_REGION ID)
| primary
;

```

```

primary
: ID
| STRING
| TRUE
| FALSE
| subtemplate
| list
| {$conditional.size()>0}?=> '(! conditional )!'
| {$conditional.size()==0}?=> lp=(' expr ')
(' argExprList? ') -> ^(INCLUDE_IND[$lp] expr argExprList?)
| -> ^(TO_STR[$lp] expr)
)
;

```

```

qualifiedId
: ( ID -> ID
| '/' ID -> ^('/' ID)
)
('/ r=ID -> ^('/' $qualifiedId $r)
)*
;

```

```

args: argExprList
| namedArg (',' namedArg)* ('...')? -> namedArg+ '...'?
| '...'
|
;

```

```

argExprList : arg (',' arg)* -> arg+ ;

```

```

arg : exprNoComma ;

```

```

namedArg : ID '=' arg -> ^('=' ID arg) ;

```

```

list: {input.LA(2)==RBRACK}? // hush warning; [] special case
lb=[' '] -> LIST[$lb]

```

```
| lb='[' listElement ( ',' listElement )* ']' -> ^(LIST[$lb] listElement*)
```

```
;
```

```
listElement : exprNoComma | -> NULL ;
```

Found in path(s):

```
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/compiler/STParser.g  
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```

```
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```

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```

```
*/
```

```
tree grammar CodeGenerator;
```

```
options {
```

```
language=Java;
```

```
tokenVocab=STParser;
```

```
ASTLabelType=CommonTree;
```

```
}
```

```
@header {
```

```
/*
```

```

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```

```
*/
```

```

package org.stringtemplate.v4.compiler;
import org.stringtemplate.v4.misc.*;
import org.stringtemplate.v4.*;
}

```

```

@members {
String outermostTemplateName; // name of overall template
CompiledST outermostImpl;
Token templateToken; // overall template token
String template; // overall template text
ErrorManager errMgr;
public CodeGenerator(TreeNodeStream input, ErrorManager errMgr, String name, String template, Token
templateToken) {
this(input, new RecognizerSharedState());
this.errMgr = errMgr;
this.outermostTemplateName = name;
this.template = template;
this.templateToken = templateToken;
}
}

```

```

public void addArgument(List<FormalArgument> args, Token t) {
    String name = t.getText();
    for (FormalArgument arg : args) {
        if (arg.name.equals(name)) {
            errMgr.compileTimeError(ErrorType.PARAMETER_REDEFINITION,
templateToken, t, name);
            return;
        }
    }

    args.add(new FormalArgument(name));
}

// convience funcs to hide offensive sending of emit messages to
// CompilationState temp data object.

public void emit1(CommonTree opAST, short opcode, int arg) {
    $template::state.emit1(opAST, opcode, arg);
}
public void emit1(CommonTree opAST, short opcode, String arg) {
    $template::state.emit1(opAST, opcode, arg);
}
public void emit2(CommonTree opAST, short opcode, int arg, int arg2) {
    $template::state.emit2(opAST, opcode, arg, arg2);
}
public void emit2(CommonTree opAST, short opcode, String s, int arg2) {
    $template::state.emit2(opAST, opcode, s, arg2);
}
    public void emit(CommonTree opAST, short opcode) {
        $template::state.emit(opAST, opcode);
    }
public void insert(int addr, short opcode, String s) {
    $template::state.insert(addr, opcode, s);
}
public void setOption(CommonTree id) {
    $template::state.setOption(id);
}
public
void write(int addr, short value) {
    $template::state.write(addr,value);
}
public int address() { return $template::state.ip; }
public void func(CommonTree id) { $template::state.func(templateToken, id); }
public void refAttr(CommonTree id) { $template::state.refAttr(templateToken, id); }
public int defineString(String s) { return $template::state.defineString(s); }

@Override
public void displayRecognitionError(String[] tokenNames, RecognitionException e) {

```

```

Token tokenWithPosition = e.token;
if (tokenWithPosition.getInputStream() == null) {
    tokenWithPosition = input.getTreeAdaptor().getToken(input.LT(-1));
}

String hdr = getErrorHeader(e);
String msg = getErrorMessage(e, tokenNames);
errMgr.compileTimeError(ErrorType.SYNTAX_ERROR, templateToken, tokenWithPosition, hdr + " " + msg);
}
}

```

templateAndEOF : template[null,null] EOF; // hush warning; ignore

```

template[String name, List<FormalArgument> args] returns [CompiledST impl]
scope {
    CompilationState
    state; // automatically get a new state pointer per invocation
}
@init {
    $template::state = new CompilationState(errMgr, name, input.getTokenStream());
    $impl = $template::state.impl;
    if ( $template.size() == 1 ) outermostImpl = $impl;
    $impl.defineFormalArgs($args); // make sure args are defined prior to compilation
    if ( name!=null && name.startsWith(Compiler.SUBTEMPLATE_PREFIX) ) {
        $impl.addArg(new FormalArgument("i"));
        $impl.addArg(new FormalArgument("i0"));
    }
    $impl.template = template; // always forget the entire template; char indexes are relative to it
}
: chunk
{ // finish off the CompiledST result
    if ( $template::state.stringtable!=null ) $impl.strings = $template::state.stringtable.toArray();
    $impl.codeSize = $template::state.ip;
}
;

chunk
: element*
;

element
: ^(INDENTED_EXPR INDENT compoundElement[$INDENT]) // ignore indent in front of IF and region blocks
| compoundElement[null]
| ^(INDENTED_EXPR INDENT { $template::state.indent($INDENT); }
singleElement? { $template::state.emit(Bytecode.INSTR_DEDENT); })
| singleElement
;

```

```

singleElement
: exprElement
| TEXT
{
if ( $TEXT.text.length(>0) ) {
emit1($TEXT,Bytecode.INSTR_WRITE_STR, $TEXT.text);
}
}

| NEWLINE {emit($NEWLINE, Bytecode.INSTR_NEWLINE);}
;

compoundElement[CommonTree indent]
: ifstat[indent]
| region[indent]
;

exprElement
@init { short op = Bytecode.INSTR_WRITE; }
: ^( EXPR expr (exprOptions {op=Bytecode.INSTR_WRITE_OPT;})? )
{
/*
CompilationState state = $template::state;
CompiledST impl = state.impl;
if ( impl.instrs[state.ip-1] == Bytecode.INSTR_LOAD_LOCAL ) {
impl.instrs[state.ip-1] = Bytecode.INSTR_WRITE_LOCAL;
}
else {
emit($EXPR, op);
}
*/
emit($EXPR, op);
}
;

region[CommonTree indent] returns [String name]
@init {
if ( indent!=null ) $template::state.indent(indent);
}
@after {
if ( indent!=null ) $template::state.emit(Bytecode.INSTR_DEDENT);
}
: ^( REGION ID
{ $name = STGroup.getMangledRegionName(outermostTemplateName,
$ID.text);}
template[$name,null]
{
CompiledST sub = $template.impl;

```



```

    sub.isRegion = true;
    sub.regionDefType = ST.RegionType.EMBEDDED;
    sub.templateDefStartToken = $ID.token;
//sub.dump();
outermostImpl.addImplicitlyDefinedTemplate(sub);
emit2($start, Bytecode.INSTR_NEW, $region.name, 0);
emit($start, Bytecode.INSTR_WRITE);
}
)
;

subtemplate returns [String name, int nargs]
@init {
    $name = Compiler.getNewSubtemplateName();
    List<FormalArgument> args = new ArrayList<FormalArgument>();
}
: ^( SUBTEMPLATE
    (^ (ARGS (ID {addArgument(args, $ID.token);}))+) ) *
    { $nargs = args.size(); }
    template[$name,args]
    {
        CompiledST sub = $template.impl;
        sub.isAnonSubtemplate = true;
        sub.templateDefStartToken = $SUBTEMPLATE.token;
        sub.ast = $SUBTEMPLATE;
        sub.ast.setUnknownTokenBoundaries();
        sub.tokens = input.getTokenStream();
//sub.dump();
outermostImpl.addImplicitlyDefinedTemplate(sub);
    }

)
| SUBTEMPLATE // {}
{
    CompiledST sub = new CompiledST();
    sub.name = $name;
    sub.template = "";
    sub.addArg(new FormalArgument("i"));
    sub.addArg(new FormalArgument("i0"));
    sub.isAnonSubtemplate = true;
    sub.templateDefStartToken = $SUBTEMPLATE.token;
    sub.ast = $SUBTEMPLATE;
    sub.ast.setUnknownTokenBoundaries();
    sub.tokens = input.getTokenStream();
//sub.dump();
outermostImpl.addImplicitlyDefinedTemplate(sub);
}
;

```

```

ifstat[CommonTree indent]
@init {
    /** Tracks address of branch operand (in code block). It's how
     * we backpatch forward references when generating code for IFs.
     */
    int prevBranchOperand = -1;
    /** Branch instruction operands that are forward refs to end of IF.
     * We need to update them once we see the endif.
     */
    List<Integer> endRefs = new ArrayList<Integer>();
    if ( indent!=null ) $template::state.indent(indent);
}
@after
{
    if ( indent!=null ) $template::state.emit(Bytecode.INSTR_DEDENT);
}
: ^( i='if' conditional
{
    prevBranchOperand = address()+1;
    emit1($i,Bytecode.INSTR_BRF, -1); // write placeholder as branch target
}
chunk
( ^(eif='elseif'
{
    endRefs.add(address()+1);
    emit1($eif,Bytecode.INSTR_BR, -1); // br end
    // update previous branch instruction
    write(prevBranchOperand, (short)address());
    prevBranchOperand = -1;
}
ec=conditional
{
    prevBranchOperand = address()+1;
    // write placeholder as branch target
    emit1($ec.start, Bytecode.INSTR_BRF, -1);
}
chunk
)
)*
( ^( el='else'
{
    endRefs.add(address()+1);
    emit1($el, Bytecode.INSTR_BR, -1); // br end
    // update previous branch instruction
    write(prevBranchOperand, (short)address());
    prevBranchOperand = -1;
}

```

```

    chunk
    )
    )?
    )
    {
    if ( prevBranchOperand >= 0 ) {
    write(prevBranchOperand,
(short)address());
    }
    for (int opnd : endRefs) write(opnd, (short)address());
    }
    ;

conditional
: ^(OR conditional conditional) {emit($OR, Bytecode.INSTR_OR);}
| ^(AND conditional conditional) {emit($AND, Bytecode.INSTR_AND);}
| ^(BANG conditional) {emit($BANG, Bytecode.INSTR_NOT);}
| expr // not all expr are valid, but reuse code gen (parser restricts syntax)
;

exprOptions : {emit($start, Bytecode.INSTR_OPTIONS);} ^(OPTIONS option*);

option : ^('=' ID expr) {setOption($ID);} ;

expr
@init {int nt = 0, ne = 0;}
: ^(ZIP ^(ELEMENTS (expr {ne++;})+) mapTemplateRef[ne])
{emit1($ZIP, Bytecode.INSTR_ZIP_MAP, ne);}
| ^(MAP expr (mapTemplateRef[1] {nt++;})+)
{
if ( nt > 1 ) emit1($MAP, nt > 1 ? Bytecode.INSTR_ROT_MAP : Bytecode.INSTR_MAP, nt);
else emit1($MAP, Bytecode.INSTR_MAP);
}
| prop
| includeExpr
;

prop: ^(PROP expr ID) {emit1($PROP, Bytecode.INSTR_LOAD_PROP, $ID.text);}
| ^(PROP_IND expr expr) {emit1($PROP_IND, Bytecode.INSTR_LOAD_PROP_IND);}
;

mapTemplateRef[int
num_exprs]
: ^( INCLUDE qualifiedId
{for (int i=1; i<=$num_exprs; i++) emit1($INCLUDE, Bytecode.INSTR_NULL);}
args
)
{

```

```

if ( $args.passThru ) emit1($start, Bytecode.INSTR_PASSTHRU, $qualifiedId.text);
if ( $args.namedArgs ) emit1($INCLUDE, Bytecode.INSTR_NEW_BOX_ARGS, $qualifiedId.text);
else emit2($INCLUDE, Bytecode.INSTR_NEW, $qualifiedId.text, $args.n+$num_exprs);
}
| subtemplate
{
if ( $subtemplate.nargs != $num_exprs ) {
    errMgr.compileTimeError(ErrorType.ANON_ARGUMENT_MISMATCH,
        templateToken, $subtemplate.start.token, $subtemplate.nargs, $num_exprs);
}
for (int i=1; i<=$num_exprs; i++) emit($subtemplate.start,Bytecode.INSTR_NULL);
    emit2($subtemplate.start, Bytecode.INSTR_NEW,
        $subtemplate.name,
        $num_exprs);
}

| ^( INCLUDE_IND expr
{
    emit($INCLUDE_IND,Bytecode.INSTR_TOSTR);
    for (int i=1; i<=$num_exprs; i++) emit($INCLUDE_IND,Bytecode.INSTR_NULL);
}
args
{
    emit1($INCLUDE_IND,
Bytecode.INSTR_NEW_IND, $args.n+$num_exprs);
}
)
;

includeExpr
: ^(EXEC_FUNC ID expr?) {func($ID);}
| ^(INCLUDE qualifiedId args)
{
if ( $args.passThru ) emit1($start, Bytecode.INSTR_PASSTHRU, $qualifiedId.text);
if ( $args.namedArgs ) emit1($INCLUDE, Bytecode.INSTR_NEW_BOX_ARGS, $qualifiedId.text);
else emit2($INCLUDE, Bytecode.INSTR_NEW, $qualifiedId.text, $args.n);
}
| ^(INCLUDE_SUPER ID args)
{
if ( $args.passThru ) emit1($start, Bytecode.INSTR_PASSTHRU, $ID.text);
if ( $args.namedArgs ) emit1($INCLUDE_SUPER, Bytecode.INSTR_SUPER_NEW_BOX_ARGS, $ID.text);
else emit2($INCLUDE_SUPER, Bytecode.INSTR_SUPER_NEW, $ID.text, $args.n);
}
| ^(INCLUDE_REGION ID) {
    CompiledST impl =
        Compiler.defineBlankRegion(outermostImpl, $ID.token);
    //impl.dump();
    emit2($INCLUDE_REGION,Bytecode.INSTR_NEW,impl.name,0);
}

```

```

    }
| ^(INCLUDE_SUPER_REGION ID) {
    String mangled
=
    STGroup.getMangledRegionName(outermostImpl.name, $ID.text);
    emit2($INCLUDE_SUPER_REGION,Bytecode.INSTR_SUPER_NEW,mangled,0);
    }
| primary
;

primary
: ID {refAttr($ID);}
| STRING {emit1($STRING,Bytecode.INSTR_LOAD_STR, Misc.strip($STRING.text,1));}
| TRUE {emit($TRUE, Bytecode.INSTR_TRUE);}
| FALSE {emit($FALSE, Bytecode.INSTR_FALSE);}
| subtemplate // push a subtemplate but ignore args since we can't pass any to it here
    {emit2($start,Bytecode.INSTR_NEW, $subtemplate.name, 0);}
| list
| ^( INCLUDE_IND
    expr {emit($INCLUDE_IND, Bytecode.INSTR_TOSTR);}
    args {emit1($INCLUDE_IND, Bytecode.INSTR_NEW_IND, $args.n);}
    )
| ^(TO_STR expr) {emit($TO_STR, Bytecode.INSTR_TOSTR);}
;

qualifiedId
: ^(SLASH qualifiedId ID)
| ^(SLASH ID)
| ID
;

arg : expr ;

args returns [int n=0, boolean namedArgs=false, boolean passThru]
: ( arg {$n++;} )+
| {emit($args.start, Bytecode.INSTR_ARGS); $namedArgs=true;}
( ^ (eq='='
ID expr)
{ $n++; emit1($eq, Bytecode.INSTR_STORE_ARG, defineString($ID.text));}
)+
( '...' {$passThru=true;} )?
| '...' {$passThru=true; emit($args.start, Bytecode.INSTR_ARGS); $namedArgs=true;}
|
;

list: {emit($start, Bytecode.INSTR_LIST);}
    ^(LIST (listElement {emit($listElement.start, Bytecode.INSTR_ADD);})* )
;

```

```
listElement : expr | NULL {emit($NULL,Bytecode.INSTR_NULL);} ;
```

Found in path(s):

```
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-  
jar/org/stringtemplate/v4/compiler/CodeGenerator.g
```

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```
*/
```

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```
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-  
jar/org/stringtemplate/v4/misc/AmbiguousMatchException.java
```

```
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-  
jar/org/stringtemplate/v4/misc/TypeRegistry.java
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* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/InstanceScope.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-
 jar/org/stringtemplate/v4/compiler/Compiler.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-
 jar/org/stringtemplate/v4/debug/ConstructionEvent.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-
 jar/org/stringtemplate/v4/compiler/CompiledST.java
 *
 /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/AutoIndentWriter.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/debug/InterpEvent.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-
 jar/org/stringtemplate/v4/gui/JTreeSTModel.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/ErrorBuffer.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/Misc.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/compiler/STLexer.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-
 jar/org/stringtemplate/v4/compiler/GroupLexer.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/AttributeRenderer.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/STWriter.java
 *

/opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/ST.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/NoIndentWriter.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/Interval.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/STNoSuchPropertyException.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/STGroupFile.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/STErrorListener.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/DateRenderer.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/compiler/CompilationState.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/ObjectModelAdaptor.java
 *
 /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/STGroupString.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/EventManager.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/STNoSuchAttributeException.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/compiler/BytecodeDisassembler.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/STGroupCompiletimeMessage.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/debug/IndentEvent.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/NumberRenderer.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/STGroupDir.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/ArrayIterator.java
 *
 /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/ErrorType.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/gui/STViewFrame.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/MultiMap.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/Aggregate.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/gui/STViz.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/compiler/STException.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/debug/EvalTemplateEvent.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/STRuntimeMessage.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/STModelAdaptor.java
 *
 /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/STGroup.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/MapModelAdaptor.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/StringRenderer.java
 * /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/compiler/Bytecode.java


```

* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/Interpreter.java
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/ModelAdaptor.java
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/gui/JTreeASTModel.java
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/STLexerMessage.java
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/STCompiletimeMessage.java
*
/opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/compiler/GroupParser.java
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/compiler/StringTable.java
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/STMessage.java
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/debug/AddAttributeEvent.java
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/compiler/CodeGenerator.java
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/gui/JTreeScopeStackModel.java
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/Coordinate.java
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/debug/EvalExprEvent.java
* /opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/misc/AggregateModelAdaptor.java
*
/opt/cola/permits/1258286456_1643052484.48/0/st4-4-1-sources-jar/org/stringtemplate/v4/compiler/FormalArgument.java

```

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* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/RoundRobinInetAddressResolver.java

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* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/HostsFileParser.java

*

/opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/InetSocketAddressResolver.java

* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java

* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java

* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/DefaultNameResolver.java

* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java

* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/CompositeNameResolver.java

* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/AddressResolver.java

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* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/HostsFileEntries.java

* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/ResolvedAddressTypes.java

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* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/NameResolver.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/package-info.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/SimpleNameResolver.java
*
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/AddressResolverGroup.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java
* /opt/cola/permits/1258508460_1643078730.22/0/netty-resolver-4-1-35-final-sources-jar/io/netty/resolver/NoopAddressResolver.java

1.670 netty-handler 4.1.35.Final

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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java

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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java

*

/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/DelegatingSslContext.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/flush/FlushConsolidationHandler.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/PemEncoded.java

*

/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/PemValue.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/flow/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/flush/package-info.java

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```
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/OptionalSslHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/Java9SslUtils.java
*
/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/SslCompletionEvent.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/Java9SslEngine.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/SniCompletionEvent.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/ocsp/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/Conscrypt.java
*
/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/AbstractSniHandler.java
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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/stream/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
```

```
jar/io/netty/handler/stream/ChunkedStream.java
*
/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/timeout/IdleState.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/logging/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/stream/ChunkedInput.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/stream/ChunkedFile.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/timeout/ReadTimeoutException.java
*
/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/timeout/IdleStateEvent.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/timeout/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/timeout/TimeoutException.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/stream/ChunkedNioStream.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/util/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/logging/LogLevel.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/timeout/IdleStateHandler.java
*
/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/logging/LoggingHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/timeout/WriteTimeoutException.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/SslHandler.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/stream/ChunkedNioFile.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/NotSslRecordException.java
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jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/SslContextBuilder.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolNames.java
*

/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/ClientAuth.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java

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- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/PemReader.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
- *
- /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkSslContext.java
- *
- /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ipfilter/package-info.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
- *
- /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslX509Certificate.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
- * /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSsl.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java

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/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java

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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SniHandler.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java

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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SslProvider.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java

*

/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SslUtils.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SslContext.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-

```
jar/io/netty/handler/ipfilter/UniqueIpFilter.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/Java7SslParametersUtils.java
*
/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/OpenSslContext.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/CipherSuiteFilter.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/JdkSslEngine.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
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```
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/traffic/package-info.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/traffic/TrafficCounter.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java
*
/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/io/netty/handler/ssl/SslHandshakeCompletionEvent.java

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* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-jar/META-INF/maven/io.netty/netty-handler/pom.xml

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```

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```
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/util/SelfSignedCertificate.java
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```
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/OpenSslTlsv13X509ExtendedTrustManager.java
*
/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/OpenSslSession.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/OpenSslPrivateKey.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java
* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-
```

jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java

*

/opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-

jar/io/netty/handler/ssl/ExtendedOpenSslSession.java

* /opt/cola/permits/1258508301_1643078551.12/0/netty-handler-4-1-35-final-sources-

jar/io/netty/handler/ssl/OpenSslKeyMaterial.java

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jar/io/netty/handler/traffic/GlobalChannelTrafficShapingHandler.java

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jar/io/netty/handler/traffic/AbstractTrafficShapingHandler.java

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jar/io/netty/channel/CoalescingBufferQueue.java

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jar/io/netty/channel/ExtendedClosedChannelException.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-

jar/io/netty/channel/ChannelHandlerMask.java

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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/embedded/EmbeddedChannelId.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/PendingWriteQueue.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelFactory.java

*

*/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/AbstractEventLoop.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ReflectiveChannelFactory.java

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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/SelectStrategy.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/bootstrap/ServerBootstrapConfig.java

*

/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/bootstrap/AbstractBootstrapConfig.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultSelectStrategy.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/bootstrap/BootstrapConfig.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultSelectStrategyFactory.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/SelectStrategyFactory.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelInboundInvoker.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelOutboundInvoker.java

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/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/socket/DuplexChannel.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/WriteBufferWaterMark.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/group/VoidChannelGroupFuture.java

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jar/io/netty/channel/ThreadPerChannelEventLoop.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/ChannelFutureListener.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/embedded/EmbeddedSocketAddress.java
*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/ChannelConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/FixedRecvByteBufAllocator.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/nio/package-info.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/DatagramChannel.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/ServerSocketChannelConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/oio/OioDatagramChannel.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/nio/NioEventLoopGroup.java
*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/ChannelFuture.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/group/ChannelGroupFuture.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/group/DefaultChannelGroupFuture.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/ChannelInboundHandler.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/MultithreadEventLoopGroup.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/DatagramChannelConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/ChannelInboundHandlerAdapter.java
*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/oio/AbstractOioByteChannel.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/SocketChannel.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/bootstrap/ServerBootstrap.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/SocketChannelConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java
```

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/local/LocalEventLoopGroup.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/embedded/EmbeddedEventLoop.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/nio/package-info.java

*

/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelOutboundHandlerAdapter.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultChannelPromise.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/CombinedChannelDuplexHandler.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultEventLoop.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelOutboundHandler.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelOption.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/group/CombinedIterator.java

*

/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/CompleteChannelFuture.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/AbstractChannelHandlerContext.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/local/LocalChannel.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/local/LocalChannelRegistry.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelPromiseNotifier.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/nio/AbstractNioByteChannel.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultFileRegion.java

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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/nio/NioEventLoop.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/nio/NioTask.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelPromiseAggregator.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-

```

jar/io/netty/channel/ChannelException.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/package-info.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/ServerSocketChannel.java
*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/nio/NioDatagramChannel.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/bootstrap/AbstractBootstrap.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/AbstractServerChannel.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/oio/package-info.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/DefaultChannelPipeline.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/FailedChannelFuture.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/group/package-info.java
*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/DefaultSocketChannelConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/VoidChannelPromise.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/oio/AbstractOioMessageChannel.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/ChannelFlushPromiseNotifier.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/oio/OioServerSocketChannel.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/EventLoopGroup.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/local/package-info.java
*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/AbstractChannel.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/group/ChannelGroupFutureListener.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/DatagramPacket.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/ChannelInputShutdownEvent.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/local/LocalServerChannel.java

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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ServerChannel.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelDuplexHandler.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/Channel.java
 *
 /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/SucceededChannelFuture.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/oio/AbstractOioChannel.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelHandlerContext.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/oio/package-info.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/EventLoopException.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannel.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelPromise.java
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 /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/EventLoop.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/embedded/EmbeddedChannel.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultEventLoopGroup.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/nio/AbstractNioMessageChannel.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelPipelineException.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/nio/AbstractNioChannel.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelInitializer.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelMetadata.java
 *
 /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/embedded/package-info.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultChannelConfig.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/RecvByteBufAllocator.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java
 * /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-

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jar/io/netty/channel/ChannelPipeline.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/SingleThreadEventLoop.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/package-info.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java
*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/local/LocalAddress.java
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jar/io/netty/bootstrap/package-info.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/nio/NioSocketChannel.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/nio/NioServerSocketChannel.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/bootstrap/Bootstrap.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/FileRegion.java
*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/InternetProtocolFamily.java
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* under the License.
*/
/**
* 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 }<Message> {

*

* private boolean loggedIn;

*

* { @code @Override }

* public void channelRead0({ @link ChannelHandlerContext } ctx, Message message) {

* if (message instanceof LoginMessage) {

* authenticate((LoginMessage) message);

* loggedIn = true;


```

*     } 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 } & { @link Channel } & {
*
*     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/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultChannelHandlerContext.java

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```
*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/internal/ChannelUtils.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/ChannelOutputShutdownException.java
*
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jar/io/netty/channel/pool/SimpleChannelPool.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/pool/FixedChannelPool.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/pool/ChannelHealthChecker.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/pool/ChannelPoolMap.java
```

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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java
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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/SimpleUserEventChannelHandler.java

* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/socket/nio/NioChannelOption.java

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* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/SimpleChannelInboundHandler.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/MessageSizeEstimator.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/bootstrap/ChannelFactory.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/group/ChannelMatcher.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/group/ChannelMatchers.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/group/DefaultChannelGroup.java
*
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelId.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ChannelProgressiveFutureListener.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultChannelProgressivePromise.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/DefaultAddressedEnvelope.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/group/ChannelGroup.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-jar/io/netty/channel/ConnectTimeoutException.java
*

```
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/DefaultMessageSizeEstimator.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/AddressedEnvelope.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/DefaultChannelId.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/nio/SelectedSelectionKeySet.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/ChannelProgressivePromise.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/ChannelProgressiveFuture.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/AbstractEventLoopGroup.java
* /opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
*
```

```
/opt/cola/permits/1258508409_1643078708.43/0/netty-transport-4-1-35-final-sources-
jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
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jar/io/netty/channel/AbstractCoalescingBufferQueue.java
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1.672 jackson-datatype-joda 2.4.5

1.672.1 Available under license :

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1.673 netty-codec-http 4.1.35.Final

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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/ReadOnlyHttpHeaders.java

*

/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketScheme.java

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* Adaptation of <http://bjoern.hoehrmann.de/utf-8/decoder/dfa/>

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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/cors/CorsConfig.java

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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket13FrameEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocket07FrameDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
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jar/io/netty/handler/codec/http/HttpServerKeepAliveHandler.java
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jar/io/netty/handler/codec/spdy/SpdySynStreamFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/DefaultFullHttpResponse.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/DefaultSpdyWindowUpdateFrame.java
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jar/io/netty/handler/codec/spdy/SpdyStreamFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdySessionHandler.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/DefaultSpdyHeaders.java
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/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketFrameEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/DefaultSpdyHeadersFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdySessionStatus.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/DefaultSpdyPingFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/FullHttpRequest.java
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jar/io/netty/handler/codec/spdy/SpdyRstStreamFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/DefaultSpdyDataFrame.java
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/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/DefaultSpdySynStreamFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketProtocolHandler.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandler.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyGoAwayFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHttpDecoder.java
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/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyVersion.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyDataFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-

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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockJZlibEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHttpCodec.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/DefaultSpdyStreamFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyCodecUtil.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/DefaultSpdyGoAwayFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHeadersFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/cors/package-info.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/DefaultFullHttpRequest.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyWindowUpdateFrame.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/DefaultSpdyRstStreamFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/FullHttpResponse.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHeaders.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/FullHttpRequest.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandshakeHandler.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyStreamStatus.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/ComposedLastHttpContent.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyPingFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketFrameDecoder.java
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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/ContinuationWebSocketFrame.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpConstants.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketUtil.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/DefaultLastHttpContent.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpHeaders.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/QueryStringDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/QueryStringEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/CloseWebSocketFrame.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/multipart/MemoryFileUpload.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostBodyUtil.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshakerFactory.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpRequest.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpServerCodec.java
*

/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpMethod.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/DefaultHttpRequest.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/package-info.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpResponse.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/DefaultHttpMessage.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpRequestDecoder.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/package-info.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdySession.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/multipart/HttpData.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/multipart/MixedAttribute.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpResponseDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/multipart/MemoryAttribute.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker13.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/multipart/DiskFileUpload.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaders.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostRequestDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker00.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/multipart/InternalAttribute.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketVersion.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpContentDecoder.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpContent.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-

jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker08.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/multipart/CaseIgnoringComparator.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/rtsp/RtspRequestEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/multipart/HttpPostStandardRequestDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandler.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/multipart/HttpPostRequestEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/multipart/AbstractHttpData.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/multipart/InterfaceHttpData.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/PongWebSocketFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/HttpVersion.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/HttpMessage.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketFrame.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/Cookie.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/HttpResponseEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker07.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/HttpContentCompressor.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/BinaryWebSocketFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/rtsp/RtspRequestDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/HttpObjectAggregator.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/LastHttpContent.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/rtsp/RtspResponseEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/HttpObject.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/multipart/package-info.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameDecoder.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshakerFactory.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketHandshakeException.java

*

/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker13.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketServerProtocolHandshakeHandler.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/DefaultHttpContent.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/DefaultCookie.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/multipart/FileUpload.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/rtsp/package-info.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/DefaultHttpHeaders.java

*

/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpRequestEncoder.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractDiskHttpData.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySettingsFrame.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/multipart/MixedFileUpload.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/PingWebSocketFrame.java

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/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/CookieDecoder.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/rtsp/RtspResponseDecoder.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/rtsp/RtspVersions.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpObjectDecoder.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpObjectEncoder.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpHeaderDateFormat.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-

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jar/io/netty/handler/codec/rtsp/RtspResponseStatuses.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/rtsp/RtspMethods.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/rtsp/RtspObjectDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHttpHeaders.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/HttpContentDecompressor.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/package-info.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/multipart/Attribute.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker00.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/HttpContentEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/TextWebSocketFrame.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/multipart/DiskAttribute.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/multipart/AbstractMemoryHttpData.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketClientHandshaker08.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/multipart/HttpDataFactory.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/DefaultHttpObject.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/rtsp/RtspObjectEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHttpResponseStreamIdHandler.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/HttpClientCodec.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/multipart/HttpPostMultipartRequestDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/DefaultHttpResponse.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/HttpResponseStatus.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/WebSocketServerHandshaker07.java
*
```

/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/multipart/InterfaceHttpPostRequestDecoder.java

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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/cookie/CookieHeaderNames.java

*

/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/rtsp/RtspDecoder.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/cookie/CookieUtil.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpUtil.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/CookieUtil.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/cookie/CookieDecoder.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/EmptyHttpHeaders.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/cookie/CookieEncoder.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/cookie/Cookie.java

*

/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/cookie/ServerCookieDecoder.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/cookie/ServerCookieEncoder.java

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-

```
jar/io/netty/handler/codec/http/HttpScheme.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/cookie/ClientCookieDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/rtsp/RtspEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/cookie/DefaultCookie.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/cookie/ClientCookieEncoder.java
```

```
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/HttpExpectationFailedEvent.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/CombinedHttpHeaders.java
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```
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyFrameEncoder.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/ServerCookieEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/ClientCookieEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/HttpHeaderNames.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandler.java
```

* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpHeadersEncoder.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionData.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketClientCompressionHandler.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpHeaderValues.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionEncoder.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtensionUtil.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/package-info.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtension.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/rtsp/RtspHeaderValues.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdyProtocolException.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketExtension.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameServerExtensionHandshaker.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandler.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpMessageUtil.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtensionHandshaker.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameCodec.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/HttpStatusClass.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketServerExtension.java


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* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/package-info.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyFrameDecoderDelegate.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/Utf8FrameValidator.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateServerExtensionHandshaker.
java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/WebSocketServerCompressionHandler.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerMessageDeflateClientExtensionHandshaker.j
ava
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateEncoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/DeflateFrameClientExtensionHandshaker.java
*
/opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/spdy/SpdyFrameDecoder.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/WebSocketClientExtensionHandshaker.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/rtsp/RtspHeaderNames.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/HttpChunkedInput.java
* /opt/cola/permits/1258802822_1643111461.86/0/netty-codec-http-4-1-35-final-sources-
jar/io/netty/handler/codec/http/websocketx/extensions/compression/PerFrameDeflateEncoder.java

```

1.674 opentracing-util 0.31.0

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* /opt/cola/permits/1258802285_1643112872.0/0/opentracing-util-0-31-0-sources-jar/io/opentracing/util/ThreadLocalScope.java

* /opt/cola/permits/1258802285_1643112872.0/0/opentracing-util-0-31-0-sources-jar/io/opentracing/util/ThreadLocalScopeManager.java

*

/opt/cola/permits/1258802285_1643112872.0/0/opentracing-util-0-31-0-sources-jar/io/opentracing/util/AutoFinishScopeManager.java

* /opt/cola/permits/1258802285_1643112872.0/0/opentracing-util-0-31-0-sources-jar/io/opentracing/util/GlobalTracer.java

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1.675 opentracing-api 0.31.0

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* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/Scope.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/References.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/Tracer.java
*
/opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/tag/AbstractTag.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/ScopeManager.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/propagation/TextMapInjectAdapter.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/tag/StringTag.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/propagation/TextMap.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/log/Fields.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/tag/IntOrStringTag.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/tag/Tags.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/tag/BooleanTag.java
*
/opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/SpanContext.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/propagation/TextMapExtractAdapter.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/Span.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/tag/IntTag.java
* /opt/cola/permits/1258804304_1643113379.94/0/opentracing-api-0-31-0-sources-jar/io/opentracing/propagation/Format.java
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1.676 netty-handler-proxy 4.1.35.Final

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* /opt/cola/permits/1258802751_1643113499.3/0/netty-handler-proxy-4-1-35-final-sources-jar/io/netty/handler/proxy/ProxyConnectException.java
* /opt/cola/permits/1258802751_1643113499.3/0/netty-handler-proxy-4-1-35-final-sources-jar/io/netty/handler/proxy/Socks4ProxyHandler.java
*
* /opt/cola/permits/1258802751_1643113499.3/0/netty-handler-proxy-4-1-35-final-sources-jar/io/netty/handler/proxy/ProxyHandler.java
* /opt/cola/permits/1258802751_1643113499.3/0/netty-handler-proxy-4-1-35-final-sources-jar/io/netty/handler/proxy/Socks5ProxyHandler.java
* /opt/cola/permits/1258802751_1643113499.3/0/netty-handler-proxy-4-1-35-final-sources-jar/io/netty/handler/proxy/HttpProxyHandler.java
* /opt/cola/permits/1258802751_1643113499.3/0/netty-handler-proxy-4-1-35-final-sources-jar/io/netty/handler/proxy/ProxyConnectionEvent.java
* /opt/cola/permits/1258802751_1643113499.3/0/netty-handler-proxy-4-1-35-final-sources-jar/io/netty/handler/proxy/package-info.java

1.677 annotations 4.1.1.4

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* /opt/cola/permits/1258811491_1643111603.33/0/annotations-4-1-1-4-sources-jar/android/annotation/SuppressLint.java

* /opt/cola/permits/1258811491_1643111603.33/0/annotations-4-1-1-4-sources-jar/android/annotation/TargetApi.java

1.678 netty-codec-socks 4.1.35.Final

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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4Message.java

*

/opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponseDecoder.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5ClientEncoder.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/package-info.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v4/AbstractSocks4Message.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/AbstractSocksMessage.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-

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jar/io/netty/handler/codec/socksx/v4/Socks4ClientEncoder.java
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jar/io/netty/handler/codec/socksx/v5/Socks5CommandRequestDecoder.java
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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5Message.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socksx/v5/AbstractSocks5Message.java
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jar/io/netty/handler/codec/socksx/v5/Socks5ServerEncoder.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequestDecoder.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socksx/v4/Socks4ServerEncoder.java
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/opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socksx/v4/package-info.java
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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socks/UnknownSocksRequest.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socksx/SocksMessage.java
*
/opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socks/SocksCmdResponse.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
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jar/io/netty/handler/codec/socksx/v4/Socks4ServerDecoder.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socks/SocksMessageEncoder.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socksx/v4/Socks4CommandType.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthRequest.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socks/SocksRequest.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socks/UnknownSocksResponse.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socks/SocksAuthResponse.java
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/opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socks/SocksAuthRequest.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socks/SocksInitResponse.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandRequest.java

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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksAuthRequestDecoder.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandResponse.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialResponse.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialRequest.java
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/opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandRequest.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponse.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandStatus.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksCommonUtils.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponse.java
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/opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksInitRequest.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandResponse.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ClientDecoder.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksCmdResponseDecoder.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandResponse.java
* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksCmdRequest.java
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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressDecoder.java

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/opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/SocksPortUnificationServerHandler.java

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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthStatus.java

*

/opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksAuthScheme.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksAuthStatus.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksAddressType.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AuthMethod.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksCmdType.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksMessageType.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksCmdStatus.java

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* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressType.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandType.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksResponseType.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksProtocolVersion.java

* /opt/cola/permits/1258803745_1643112978.03/0/netty-codec-socks-4-1-35-final-sources-jar/io/netty/handler/codec/socks/SocksRequestType.java

1.679 amqp-client 5.8.0

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1.680 metrics 4.1.0

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1.681 metrics-json 4.1.0

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1.682 netty-tcnative-boringssl-static

2.0.25.Final

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```
*/opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-
jar/io/netty/internal/tcnative/CertificateVerifier.java
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* /opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-
jar/io/netty/internal/tcnative/SSLContext.java
* /opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-
jar/io/netty/internal/tcnative/SSL.java
* /opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-
jar/io/netty/internal/tcnative/Buffer.java
* /opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-
jar/io/netty/internal/tcnative/Library.java

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Manifest-Version: 1.0

BoringSSL-Revision: 8e8f250422663106d478f6927beefba289a95b37

Bundle-Description: A Mavenized fork of Tomcat Native which incorporat
es various patches. This artifact is statically linked to BoringSS
L and Apache APR.

Apr-Version: 1.6.5

Automatic-Module-Name: io.netty.tcnative.boringssl

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0>

Bundle-SymbolicName: io.netty.tcnative-boringssl-static

Archiver-Version: Plexus Archiver

Built-By: norman

Bnd-LastModified: 1555012097509

Bundle-ManifestVersion: 2

Bundle-DocURL: <http://netty.io/>

Bundle-Vendor: The Netty Project

Import-Package: sun.nio.ch;resolution:=optional,org.eclipse.jetty.alpn

;version="[1,2)";resolution:=optional,org.eclipse.jetty.npn;version="

[1,2)";resolution:=optional
Tool: Bnd-2.1.0.20130426-122213
Export-Package: io.netty.internal.tcnative;version="2.0.25.Final"
Bundle-Name: Netty/TomcatNative [BoringSSL
- Static]
Bundle-Version: 2.0.25.Final
BoringSSL-Branch: chromium-stable
Bundle-NativeCode: META-INF/native/libnetty_tcnative.jnilib;osname=mac
osx;;processor=x86_64
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_181

Found in path(s):

* /opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-jar/META-INF/MANIFEST.MF

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* /opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-jar/io/netty/internal/tcnative/SSLPrivateKeyMethodDecryptTask.java

* /opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-jar/io/netty/internal/tcnative/SSLPrivateKeyMethodSignTask.java

*

/opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-jar/io/netty/internal/tcnative/SSLPrivateKeyMethod.java

* /opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-jar/io/netty/internal/tcnative/SSLPrivateKeyMethodTask.java

* /opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-jar/io/netty/internal/tcnative/CertificateCallbackTask.java

* /opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-jar/io/netty/internal/tcnative/CertificateVerifierTask.java

* /opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-

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* /opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-jar/io/netty/internal/tcnative/SniHostNameMatcher.java

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* /opt/cola/permits/1262704582_1643432056.08/0/netty-tcnative-boringssl-static-2-0-25-final-sources-jar/io/netty/internal/tcnative/SessionTicketKey.java

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1.690 libnpx 10.2.4

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1.692 gentle-fs 2.3.1

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1.693 c3p0 0.9.5.4

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1.694 cyrus-sasl 2.1.27-6.el8_5

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jar/com/google/errorprone/annotations/concurrent/LockMethod.java
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jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
*
/opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-
jar/com/google/errorprone/annotations/NoAllocation.java
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```

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 */
```

Found in path(s):

```
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-
jar/com/google/errorprone/annotations/RestrictedApi.java
```

* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/MustBeClosed.java
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/CompatibleWith.java
*
/opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/DoNotMock.java
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/FormatMethod.java
* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/FormatString.java
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Found in path(s):

* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/META-INF/maven/com.google.errorprone/error_prone_annotations/pom.xml
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* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/InlineMeValidationDisabled.java

* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/InlineMe.java

* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/Modifier.java

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* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/DoNotCall.java

* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/CheckReturnValue.java

* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java

*

/* /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java

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- * /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/RequiredModifiers.java
- * /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
- * /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
- *
- /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/Var.java
- * /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/CompileTimeConstant.java
- * /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/Immutable.java
- * /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/IncompatibleModifiers.java
- * /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
- * /opt/cola/permits/1287386049_1647249958.14/0/error-prone-annotations-2-10-0-sources-jar/com/google/errorprone/annotations/ForOverride.java

1.697 ansi-regex 4.1.1

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1.698 jackson-dataformat-xml 2.13.2

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1.699 github.com/robfig/cron/v3 v3.0.1

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1.700 spf13-cobra v1.4.0

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1.702 tar 4.4.19

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1.703 mkdirp 0.5.6

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1.704 guava 31.0-jre

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```
*/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/GwtTransient.java
*/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/AtomicLongMap.java
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 */
/**
 * 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/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/Partially.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/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
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- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/DescendingMultiset.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/FilteredKeySetMultimap.java
- *
- /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/CompactHashSet.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/EvictingQueue.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/FilteredEntryMultimap.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingImmutableSet.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/CompactLinkedHashMap.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractMultimap.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/FilteredMultimap.java
- *
- /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableAsList.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/CompactHashMap.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/FilteredKeyListMultimap.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/FilteredEntrySetMultimap.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/TransformedIterator.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/AllEqualOrdering.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingBlockingDeque.java
- *

```
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/TreeRangeMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/AbstractNavigableMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ForwardingImmutableList.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ImmutableEnumMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ForwardingImmutableMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ForwardingNavigableMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/TreeTraverser.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/RangeMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/FilteredSetMultimap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/CompactLinkedHashSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/DescendingImmutableSortedSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/UnmodifiableSortedMultiset.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/TransformedListIterator.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ForwardingNavigableSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/SortedMultisetBridge.java
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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/graph/AbstractBaseGraph.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/graph/BaseGraph.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/graph/Traverser.java

*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ClosingFuture.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/AbstractHashFunction.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/primitives/ImmutableLongArray.java

*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingCondition.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingLock.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/primitives/ImmutableDoubleArray.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/SparseImmutableTable.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/LineProcessor.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/DenseImmutableTable.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/SettableFuture.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingFuture.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/net/UrlEscapers.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingFluentFuture.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Cut.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/escape/Platform.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/AbstractIdleService.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/ByteArrayDataInput.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Platform.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/cache/CacheBuilder.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/AbstractService.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableTable.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/xml/XmlEscapers.java

```

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/io/ByteProcessor.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/primitives/UnsignedBytes.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/MapMaker.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/Service.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/primitives/SignedBytes.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/Callables.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/LocalCache.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/io/ByteArrayDataOutput.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/html/HtmlEscapers.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/net/InternetDomainName.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/JdkFutureAdapters.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/ForwardingListenableFuture.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/annotations/GwtCompatible.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/net/HostSpecifier.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/Splitter.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/escape/Escapers.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/annotations/GwtIncompatible.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/ReferenceEntry.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/escape/ArrayBasedCharEscaper.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/escape/ArrayBasedEscaperMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/reflect/TypeResolver.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

```

jar/com/google/common/collect/MapMakerInternalMap.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/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/util/concurrent/Striped.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/AtomicDoubleArray.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/LongAdder.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/LongAdder.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/Striped64.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/hash/Striped64.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/graph/package-info.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableBiMapFauxverideShim.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/OverflowAvoidingLockSupport.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/math/ToDoubleRounder.java

*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/Java8Compatibility.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/math/BigDecimalMath.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/Java8Compatibility.java

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/*

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jar/com/google/common/eventbus/SubscriberRegistry.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/eventbus/Subscriber.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/eventbus/Dispatcher.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/MoreObjects.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/ListenerCallQueue.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/math/Quantiles.java

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jar/com/google/common/collect/NullnessCasts.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/NullnessCasts.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/NullnessCasts.java

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```
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jar/com/google/common/reflect/Reflection.java
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 */
/**
 * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}
 * key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
 * version.
 *
 * @throws UnsupportedOperationException always
 * @deprecated <b>Pass a key of type {@code Comparable}
 * to use {@link
 *
 * ImmutableSortedMap#of(Comparable, Object)}.</b>
 */
```

Found in path(s):

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
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*/

/**

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

*/

Found in path(s):

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/primitives/FloatsMethodsForWeb.java
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Found in path(s):

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/package-info.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/PatternCompiler.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/CommonPattern.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/CommonMatcher.java

*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/JdkPattern.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/FluentFuture.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/util/concurrent/TimeLimiter.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/reflect/TypeToken.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/io/PatternFilenameFilter.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/AbstractCatchingFuture.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/ImmediateFuture.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/CollectionFuture.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/io/AppendableWriter.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/FuturesGetChecked.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/AggregateFuture.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/CaseFormat.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/annotations/VisibleForTesting.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/Futures.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/AbstractTransformFuture.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/escape/CharEscaperBuilder.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/TimeoutFuture.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/FakeTimeLimiter.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/escape/CharEscaper.java
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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/FarmHashFingerprint64.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/Platform.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/AsyncCallable.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/io/ReaderInputStream.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/LittleEndianByteArray.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/AggregateFutureState.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ConsumingQueueIterator.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/CombinedFuture.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/MacHashFunction.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/IncidentEdgeSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/CompactHashing.java

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*/

/**

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

*/

Found in path(s):

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/SortedLists.java

*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/UncaughtExceptionHandler.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/annotations/package-info.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/Monitor.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/annotations/Beta.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Strings.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Ascii.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/Atomics.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ContiguousSet.java

*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/primitives/package-info.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/net/package-info.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Equivalence.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ListeningExecutorService.java

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*/

/**

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

* version.

*/

Found in path(s):

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/primitives/ShortsMethodsForWeb.java

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/**

* Holder for extra methods of { @code Objects } only in web. Intended to be empty for regular

* version.

*/

Found in path(s):

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
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/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ObjectArrays.java

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```

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/EmptyImmutableListMultimap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/Table.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/StandardTable.java
*

```

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/TreeBasedTable.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/HashBasedTable.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableMapKeySet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/SingletonImmutableBiMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableMapValues.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableCollection.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Serialization.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableMapEntrySet.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Platform.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/StandardRowSortedTable.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableBiMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/PeekingIterator.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableSortedSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableMultiset.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/UnmodifiableIterator.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Range.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableListMultimap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/CollectPreconditions.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableEntry.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableMultimap.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Tables.java

*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableBiMap.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Collections2.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/JdkBackedImmutableMap.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/BaseImmutableMultimap.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/JdkBackedImmutableBiMap.java

*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/IndexedImmutableSet.java

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Found in path(s):

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/ByteSource.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/math/Stats.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/AbstractByteHasher.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/SmoothRateLimiter.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/reflect/Invokable.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableRangeSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableRangeMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/reflect/Parameter.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/reflect/AbstractInvocationHandler.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/SipHashFunction.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/reflect/TypeCapture.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/Closer.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/math/StatsAccumulator.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/cache/LongAddables.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/LongAddables.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/math/LinearTransformation.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/CharSink.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/CharSource.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ListenableScheduledFuture.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/BaseEncoding.java
*

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/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/reflect/package-info.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/CartesianList.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/math/PairedStats.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/RateLimiter.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/xml/package-
info.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/ServiceManager.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/FilteredKeyMultimap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/LongAddable.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/escape/package-info.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/reflect/MutableTypeToInstanceMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/reflect/TypeToInstanceMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/html/package-info.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/ChecksumHashFunction.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/reflect/ClassPath.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/LongAddable.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/io/ByteSink.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/math/PairedStatsAccumulator.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/io/FileWriteMode.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/StandardSystemProperty.java
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jar/com/google/common/eventbus/SubscriberExceptionHandler.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/Utf8.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/VerifyException.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/Verify.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/AbstractTable.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/Runnables.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/FilteredMultimapValues.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/io/CharSequenceReader.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/reflect/TypeVisitor.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/HashingInputStream.java

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/*
* This following method is a modified version of one found in
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jar/com/google/common/util/concurrent/MoreExecutors.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
* following header:
*
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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ElementTypesAreNonnullByDefault.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/primitives/ElementTypesAreNonnullByDefault.java

*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/xml/ParametricNullness.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/escape/ElementTypesAreNonnullByDefault.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/ElementTypesAreNonnullByDefault.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ElementTypesAreNonnullByDefault.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/graph/ParametricNullness.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/eventbus/ElementTypesAreNonnullByDefault.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/graph/ElementTypesAreNonnullByDefault.java

*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ParametricNullness.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/math/ElementTypesAreNonnullByDefault.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/cache/ParametricNullness.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/reflect/ElementTypesAreNonnullByDefault.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/xml/ElementTypesAreNonnullByDefault.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/html/ElementTypesAreNonnullByDefault.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/reflect/ParametricNullness.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/eventbus/ParametricNullness.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/math/ParametricNullness.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/net/ElementTypesAreNonnullByDefault.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/ParametricNullness.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/ElementTypesAreNonnullByDefault.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/html/ParametricNullness.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/primitives/ParametricNullness.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ParametricNullness.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/ElementTypesAreNonnullByDefault.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/cache/ElementTypesAreNonnullByDefault.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/net/ParametricNullness.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/ParametricNullness.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/ParametricNullness.java
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jar/com/google/common/collect/AbstractRangeSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/Count.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/GeneralRange.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/SortedIterable.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/RangeSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/SortedIterables.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ImmutableSortedMultiset.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/RegularImmutableSortedMultiset.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ForwardingSortedMultiset.java
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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/escape/UnicodeEscaper.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/net/InetAddresses.java
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/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/primitives/Booleans.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/primitives/Bytes.java
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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/escape/Escaper.java
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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/SequentialExecutor.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/CharMatcher.java
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*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/primitives/Floats.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/primitives/Ints.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/FluentIterable.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/SortedMultisets.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/SortedMultiset.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/graph/MutableNetwork.java

```
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/io/RecursiveDeleteOption.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/ImmutableNetwork.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/SuccessorsFunction.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/Graphs.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/Network.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/Graph.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/MutableGraph.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/TopKSelector.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/io/InsecureRecursiveDeleteException.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/ImmutableGraph.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/PredecessorsFunction.java
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```
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/MultimapBuilder.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/io/MoreFiles.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
```

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

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/graph/AbstractValueGraph.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/graph/GraphConnections.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java

*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/graph/NetworkBuilder.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/graph/ForwardingValueGraph.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/graph/ValueGraphBuilder.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/graph/UndirectedGraphConnections.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

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

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/graph/MapIteratorCache.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

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

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/graph/ValueGraph.java

*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/graph/ForwardingGraph.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/graph/StandardMutableValueGraph.java

```

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/UndirectedNetworkConnections.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/StandardMutableGraph.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/DirectedNetworkConnections.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/DirectedGraphConnections.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/GraphConstants.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/ElementOrder.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/AbstractNetwork.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/CollectCollectors.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/ImmutableValueGraph.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/MapRetrievalCache.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/EdgesConnecting.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/DirectedMultiNetworkConnections.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/StandardMutableNetwork.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/StandardNetwork.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/NetworkConnections.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/AbstractDirectedNetworkConnections.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/MultiEdgesConnecting.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/GraphBuilder.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/MutableValueGraph.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

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jar/com/google/common/graph/ForwardingNetwork.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/MoreCollectors.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/EndpointPair.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/LinkedHashMapMultimapGwtSerializationDependencies.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/EndpointPairIterator.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/AbstractGraphBuilder.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/Comparators.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/AbstractGraph.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/graph/StandardValueGraph.java
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jar/com/google/common/primitives/Platform.java
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jar/com/google/common/util/concurrent/Internal.java
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- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Lists.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/SetMultimap.java
- *
- /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingListIterator.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/MapDifference.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/LinkedHashMultimap.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableSet.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/package-info.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractBiMap.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingSet.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/HashMultimap.java
- *
- /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingSortedMap.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/UsingToStringOrdering.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Iterators.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ByFunctionOrdering.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/LexicographicalOrdering.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Sets.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingMapEntry.java
- * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/CompoundOrdering.java
- *
- /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ExplicitOrdering.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/SortedSetMultimap.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/ArrayListMultimap.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/ReverseNaturalOrdering.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/EnumBiMap.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/ForwardingList.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/Maps.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/Ordering.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/Iterables.java
 *
 /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/ForwardingMultiset.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/NullsLastOrdering.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/AbstractMapBasedMultimap.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/MutableClassToInstanceMap.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/NullsFirstOrdering.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/ImmutableList.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/ClassToInstanceMap.java
 *
 /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/AbstractMapEntry.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
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 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/EnumHashBiMap.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/ForwardingMultimap.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/Multisets.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/ForwardingConcurrentMap.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/NaturalOrdering.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
 jar/com/google/common/collect/ReverseOrdering.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractMapBasedMultiset.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ListMultimap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/LinkedListMultimap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Multimaps.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ConcurrentHashMultiset.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractSortedSetMultimap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingSortedSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/LinkedHashMultiset.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Multimap.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/HashMultiset.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/TreeMultiset.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/SingletonImmutableSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/TreeMultimap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ComparatorOrdering.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractListMultimap.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractMultiset.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Multiset.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractSetMultimap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Interner.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingQueue.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

```
jar/com/google/common/collect/ForwardingIterator.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/AbstractIterator.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/BiMap.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ForwardingCollection.java
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```
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/RowSortedTable.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ForwardingListMultimap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ForwardingSortedSetMultimap.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/SortedMapDifference.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ForwardingImmutableCollection.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ForwardingSetMultimap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/MinMaxPriorityQueue.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/AbstractSequentialIterator.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/UnmodifiableListIterator.java
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```

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```

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```
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ImmutableSortedAsList.java
```

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```
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/EmptyImmutableSetMultimap.java
```

```
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ImmutableClassToInstanceMap.java
```

```
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/RegularImmutableList.java
```

```
*
 /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ImmutableEnumSet.java
```

```
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/ComputationException.java
```

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ComparisonChain.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableSortedSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableSetMultimap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/AbstractIndexedListIterator.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/SingletonImmutableTable.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/TableCollectors.java
*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ArrayTable.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ForwardingTable.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableSortedMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableSortedSetFauxverideShim.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/DiscreteDomain.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableAsList.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/SingletonImmutableList.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/ImmutableTable.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

jar/com/google/common/cache/Weigher.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/net/HttpHeaders.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/math/IntMath.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/primitives/UnsignedLong.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/RemovalListeners.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/MessageDigestHashFunction.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/AsyncFunction.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/Cache.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/math/DoubleMath.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/primitives/UnsignedInteger.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/primitives/UnsignedLongs.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/primitives/ParseRequest.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/AbstractLoadingCache.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/AbstractStreamingHasher.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/Present.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/Queues.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/Absent.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/Optional.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/CacheStats.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/RemovalCause.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/FunctionalEquivalence.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/LoadingCache.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/ForwardingLoadingCache.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/TreeRangeSet.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/HashingOutputStream.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/AbstractNonStreamingHashFunction.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Ticker.java
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 /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/Funnel.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/Hashing.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/math/package-info.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/net/MediaType.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/Uninterruptibles.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/HashCode.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/net/HostAndPort.java
 *
 /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/math/LongMath.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/PrimitiveSink.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/UncheckedExecutionException.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/PairwiseEquivalence.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/Murmur3_32HashFunction.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/cache/RemovalListener.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingExecutorService.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ExecutionError.java
 *
 /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/cache/package-info.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-

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jar/com/google/common/primitives/UnsignedInts.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/WrappingExecutorService.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/ForwardingCache.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/Murmur3_128HashFunction.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/BloomFilterStrategies.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/CacheLoader.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/FutureCallback.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/reflect/TypeParameter.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/Funnels.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/RegularContiguousSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/AbstractScheduledService.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/AbstractSortedMultiset.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/math/DoubleUtils.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/ForwardingListeningExecutorService.java
*
/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/cache/AbstractCache.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/BoundType.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/AbstractHasher.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/EmptyContiguousSet.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/math/BigIntegerMath.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/Hasher.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/base/Enums.java
*

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/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/RegularImmutableMultiset.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/cache/CacheBuilderSpec.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/reflect/Types.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/BloomFilter.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/Crc32cHashFunction.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/cache/RemovalNotification.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/AbstractCompositeHashFunction.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/hash/HashFunction.java
*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/math/MathPreconditions.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/LittleEndianDataOutputStream.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/CharStreams.java
*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/FinalizableReferenceQueue.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/Interners.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/Files.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/Closeables.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/Flushables.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/LineBuffer.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ListenableFuture.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Predicates.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/FinalizableSoftReference.java
 *
 /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/LineReader.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/ExecutionList.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Function.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/CountingInputStream.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/DirectExecutor.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/package-info.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/MultiInputStream.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Predicate.java
 *
 /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/package-info.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/EnumMultiset.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Throwables.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/eventbus/AsyncEventBus.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/FinalizableWeakReference.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/package-info.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/eventbus/EventBus.java
 * /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/eventbus/AllowConcurrentEvents.java
 *

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/LittleEndianDataInputStream.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Charsets.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/Resources.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/AbstractIterator.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/collect/HashBiMap.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/ByteStreams.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Functions.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/primitives/Primitives.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/eventbus/package-info.java
*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/FinalizableReference.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/io/CountingOutputStream.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/util/concurrent/AbstractFuture.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/eventbus/Subscribe.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/eventbus/DeadEvent.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/FinalizablePhantomReference.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Defaults.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Objects.java
*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Supplier.java
* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-jar/com/google/common/base/Suppliers.java

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* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/JdkBackedImmutableMultiset.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/collect/JdkBackedImmutableSet.java

* /opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/hash/ImmutableSupplier.java

*

/opt/cola/permits/1296026277_1648531094.55/0/guava-31-0-jre-sources-1-
jar/com/google/common/util/concurrent/ExecutionSequencer.java

1.705 bson4jackson 2.7.0

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1.710 meant 1.0.3

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1.711 encoding 0.1.12

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1.712 make-fetch-happen 5.0.2

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```
* /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/Library.kt
* /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/ArrayIntrinsics.kt
* /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-
jar/kotlin/reflect/KVisibility.kt
*
/opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/String.kt
* /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-
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- * /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/Throwable.kt
- * /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/Unit.kt
- *
- /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/Any.kt
- * /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/Nothing.kt
- * /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/annotation/Annotations.kt
- * /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/Number.kt
- * /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/reflect/KParameter.kt
- * /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/Comparable.kt
- * /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/Iterator.kt
- * /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/reflect/KDeclarationContainer.kt
- * /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/CharSequence.kt
- * /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/Char.kt
- *
- /opt/cola/permits/1302395090_1684221612.1889257/0/kotlin-stdlib-1-6-20-sources-jar/kotlin/Function.kt

1.714 dezalgo 1.0.4

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1.715 xz 5.2.4-1ubuntu1.1

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Upstream-Name: XZ Utils

Upstream-Contact:

Lasse Collin <lasse.collin@tukaani.org>

<https://tukaani.org/xz/lists.html>

Source:

<https://tukaani.org/xz>

<https://git.tukaani.org/xz.git>

Comment:

XZ Utils is developed and maintained upstream by Lasse Collin. Major portions are based on code by other authors; see AUTHORS for details. Most of the source has been put into the public domain, but some files have not (details below).

This file describes the source package. The binary packages contain some files derived from other works: for example, images in the API documentation come from Doxygen.

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- xz, xzdec, and lzmadec command line tools are in the public domain

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- The scripts to grep, diff, and view compressed files have been adapted from gzip. These scripts and their documentation are under GNU GPLv2+.

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- Translated messages are in the public domain.

- The build system contains public domain files, and files that are under GNU GPLv2+ or GNU GPLv3+. None of these files end up

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Files: *

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Comment:

From: Lasse Collin <lasse.collin@tukaani.org>

To: Jonathan Nieder <jrnieder@gmail.com>

Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

[...]

> AUTHORS, ChangeLog, COPYING, README, THANKS, TODO,
> dos/README,
windows/README

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Files: INSTALL NEWS PACKAGERS

windows/README-Windows.txt

windows/INSTALL-MinGW.txt

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See the note on AUTHORS, README, and so on above.

Files: src/scripts/* lib/* extra/scanlzma/scanlzma.c

Copyright: 1993, Jean-loup Gailly

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2006 Timo Lindfors

2005, Charles Levert

2005, 2009, Lasse Collin

2009, Andrew Dudman

Other-Authors: Paul Eggert, Ulrich Drepper

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Files: src/scripts/Makefile.am src/scripts/xzless.1

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Files: doc/examples/xz_pipe_comp.c doc/examples/xz_pipe_decomp.c

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Files: lib/getopt.c lib/getopt1.c lib/getopt.in.h

Copyright: 1987-2007 Free Software Foundation, Inc.

Other-Authors: Ulrich Drepper

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Files: m4/getopt.m4 m4/posix-shell.m4

Copyright: 2002-2006, 2008 Free Software Foundation, Inc.

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Other-Authors: Bruno Haible, Paul Eggert

License: permissive-fsf

Files: m4/acx_pthread.m4

Copyright: 2008, Steven G. Johnson

<stevenj@alum.mit.edu>

License: Autoconf

files: m4/ax_check_capsicum.m4

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Files: Doxyfile.in

Copyright: 1997-2007 by Dimitri van Heesch

Origin: Doxygen 1.4.7

License: GPL-2

Files: src/liblzma/check/crc32_table_?e.h

src/liblzma/check/crc64_table_?e.h

src/liblzma/lzma/fastpos_table.c

src/liblzma/rangecoder/price_table.c

Copyright: none, automatically generated data

Generated-With:

src/liblzma/check/crc32_tablegen.c

src/liblzma/check/crc64_tablegen.c

src/liblzma/lzma/fastpos_tablegen.c

src/liblzma/rangecoder/price_tablegen.c

License: none

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Files: .gitignore m4/.gitignore po/.gitignore po/LINGUAS po/POTFILES.in

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Files: tests/compress_prepared_bcj_*

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Source-Code: tests/bcj_test.c

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Comment:

changelog.gz (commit 975d8fd) explains:

.

Recreated the BCJ test files for x86 and SPARC. The old files were linked with crt*.o, which are copyrighted, and thus the old test files were not in the public domain as a whole. They are freely distributable though, but it is better to be careful and avoid including any copyrighted pieces in the test files. The new files are just compiled and assembled object files, and thus don't contain any copyrighted code.

Files: po/cs.po po/de.po po/fr.po

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2010, Andre Noll

2011, Adrien Nader

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Files: po/it.po po/pl.po

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Files: INSTALL.generic

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Files: dos/config.h

Copyright: 1992, 1993, 1994, 1999, 2000, 2001, 2002, 2005

Free Software Foundation, Inc.

2007-2010, Lasse Collin

Other-Authors: Roland McGrath, Akim Demaille, Paul Eggert,

David Mackenzie, Bruno Haible, and many others.

Origin: configure.ac from XZ Utils,

visibility.m4 serial 1 (gettext-0.15),

Autoconf 2.52g

License: config-h

configure.ac:

```
.
# Author: Lasse Collin
#
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visibility.m4:
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.
dnl From
Bruno Haible.
.
comments from Autoconf 2.52g:
.
# Copyright 1992, 1993, 1994, 1999, 2000, 2001, 2002
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[...]
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# As a special exception, the Free Software Foundation gives unlimited
# permission to copy, distribute and modify the configure scripts that
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# that constitutes the Autoconf program.
.
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dos/config.h was generated with autoheader, which tells Autoconf to
output a script to generate a config.h file and then runs it.

Files: po/Makevars
Origin: gettext-runtime/po/Makevars (gettext-0.12)
Copyright: 2003 Free Software
Foundation, Inc.
Authors: Bruno Haible
```

License: LGPL-2.1+

The gettext-runtime package is under the LGPL, see files intl/COPYING.LIB-2.0 and intl/COPYING.LIB-2.1.

.

On Debian systems, the complete text of intl/COPYING.LIB-2.0 from gettext-runtime 0.12 can be found in /usr/share/common-licenses/LGPL-2 and the text of intl/COPYING.LIB-2.1 can be found in /usr/share/common-licenses/LGPL-2.1.

.

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Files: debian/*

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License: PD-debian

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1.716 gzip 1.10-Ubuntu4.1

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Version 3, 29 June 2007

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This package was put together by Matthias Klose <doko@debian.org>, from the following sources:

bash: <ftp.gnu.org:/pub/gnu/bash/bash-4.3.tar.gz>

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readline/doc/history.texi (GNU History Library Manual)

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support/man2html.c

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- */

Found in path(s):

- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/gridfs/package-info.java
- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/vault/package-info.java
- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/internal/ClientEncryptionImpl.java
- *
- /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/gridfs/GridFSFindIterableImpl.java
- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/internal/KeyRetriever.java
- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/MongoIterable.java
- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/gridfs/GridFSDownloadStreamImpl.java
- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/internal/MongoClientImpl.java
- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/MongoClient.java
- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/FindIterable.java
- *
- /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/internal/SimpleMongoClients.java
- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/ListCollectionsIterable.java
- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/internal/ListDatabasesIterableImpl.java
- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/gridfs/GridFSBucket.java
- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/internal/MongoDatabaseImpl.java
- * /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-jar/com/mongodb/client/MongoDatabase.java

```

* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/ChangeStreamIterableImpl.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/MongoBatchCursorAdapter.java
*
/opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/gridfs/GridFSDownloadStream.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/MongoCollection.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/KeyManagementService.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/MapReduceIterable.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/MongoCursor.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/ClientSessionBinding.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/MongoClientFactory.java
*
/opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/gridfs/GridFSBuckets.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/gridfs/GridFSUploadStreamImpl.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/MapReduceIterableImpl.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/MappingIterable.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/ListDatabasesIterable.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/Crypts.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/ListCollectionsIterableImpl.java
*
/opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/package-info.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/AggregateIterableImpl.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/OperationExecutor.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/vault/ClientEncryption.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/Crypt.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/ListIndexesIterable.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-

```

jar/com/mongodb/client/internal/SimpleMongoClient.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/DistinctIterableImpl.java
*
/opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/gridfs/GridFSFindIterable.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/ChangeStreamIterable.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/DistinctIterable.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/MongoClients.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/gridfs/GridFSBucketImpl.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/gridfs/GridFSUploadStream.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/CryptBinding.java
*
/opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/ListIndexesIterableImpl.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/MongoMappingCursor.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/CommandMarker.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/MongoClientDelegate.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/FindIterableImpl.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/MongoChangeStreamCursorImpl.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/MongoCollectionImpl.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/AggregateIterable.java
*
/opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/CollectionInfoRetriever.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/MongoChangeStreamCursor.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/MongoIterableImpl.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/CryptConnection.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/vault/ClientEncryptions.java
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```
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/ClientSession.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/package-info.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/ClientSessionClock.java
*
/opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/TransactionBody.java
* /opt/cola/permits/1316593510_1651018598.46/0/mongodb-driver-sync-4-0-5-sources-2-
jar/com/mongodb/client/internal/ClientSessionImpl.java
```

1.720 libsepol 3.0-1ubuntu0.1

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- 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.

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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.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine 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.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified

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) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) 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.
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- e) 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 materials to be 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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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Version 2, June 1991

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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.

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"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.

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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.

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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.

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1.725 sed 4.5-5.el8

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Version 3, 29 June 2007

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1.726 gpgme 1.13.1-11.el8

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```
#+TITLE: GPGME Python Bindings HOWTO Examples
#+LATEX_COMPILER: xelatex
#+LATEX_CLASS: article
#+LATEX_CLASS_OPTIONS: [12pt]
#+LATEX_HEADER: \usepackage{xltextra}
#+LATEX_HEADER: \usepackage[margin=1in]{geometry}
#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Times New Roman}
#+LATEX_HEADER: \author{Ben McGinnes <ben@gnupg.org>}
```

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```
:PROPERTIES:
:CUSTOM_ID: gpgme-python3-examples
:END:
```

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```
(21:protected-private-key(3:dsa(1:p129:_d8|po3s@!WGUOAXRC$_[8SN:y]o?2[.pVxn(kOc\Bk0zu&FnK)(1:q21:
vBeOP\p)(1:g129:fU/e(2hp@hjc2uE=Sg GO;ZkIyFnGM!GsG@
= _SZkII)(1:y128:K:9tA)4SU1 }sG`nZpx/imV^>A;V%?5!!s{!=-6@|
=d
)(9:protected25:openpgp-s2k3-sha1-aes-cbc((4:sha18:Li7:6452224)16:.,kO{,}80:z7OCG/sB48(H9%*ojSO
OGSma`YUs1h<_)(12:protected-at15:20130812T105134)))
cython
;;; gpgme-package.lisp
```

```
;;; Copyright (C) 2006 g10 Code GmbH
```

```
;;;
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;;; This file is part of GPGME-CL.
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;;; MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
;;; Lesser General Public License for more details.
```

```
;;;
;;; You should have received a copy of the GNU General Public License
;;; along with GPGME; if not, write to the Free Software Foundation,
;;; Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
```

```
;;; Conventions:
```

```
;;;
;;; gpg-error is used for error handling.
;;;
;;; Standard I/O streams are used for input and output.
```

```
(defpackage #:gpgme
  (:use #:common-lisp #:cffi #:gpg-error)
  (:import-from #:trivial-garbage
    #:finalize)
  (:export #:check-version
    #:*version*
    #:context
    #:protocol
    #:armorp
    #:textmodep
    #:+include-certs-default+
    #:include-certs
    #:keylist-mode
    #:signers
    #:sig-notations
    #:with-context
    #:key-data
    #:get-key
    #:op-encrypt
    #:op-decrypt
    #:op-sign
    #:op-verify
    #:op-import
    #:op-export))
\input texinfo @c -*- texinfo -*-
@c %**start of header
@setfilename index.info
@settitle GNU Privacy Guard (GnuPG) Made Easy Python Bindings
@documentencoding utf-8
@documentlanguage en
@c %**end of header
```

@finalout
@titlepage
@title GNU Privacy Guard (GnuPG) Made Easy Python Bindings
@author Ben McGinnes
@end titlepage

@contents

@ifnottex
@node Top
@top GNU Privacy Guard (GnuPG) Made Easy Python Bindings
@end ifnottex

@menu
* GPGME Python Bindings::

@detailmenu
--- The Detailed Node Listing ---

GPGME Python Bindings

* Contents::

@end detailmenu
@end menu

@node GPGME Python Bindings
@chapter GPGME Python Bindings

@menu
* Contents::
@end menu

@node Contents
@section Contents

@itemize
@item
@uref{short-history, A short history of the project}
@item
@uref{what-is-new, What's New}
@itemize
@item
@uref{maintenance-mode, Maintenance Mode} (from January, 2019)
@end itemize
@item
@uref{what-was-new, What Was New}
@item

@uref{gpgme-python-howto, GPGME Python Bindings HOWTO}

@end

itemize

@bye

2011-12-02 Werner Koch <wk@g10code.com>

NB: ChangeLog files are no longer manually maintained. Starting on December 1st, 2011 we put change information only in the GIT commit log, and generate a top-level ChangeLog file from logs at "make dist". See doc/HACKING for details.

2011-05-12 Marcus Brinkmann <marcus@g10code.com>

* gpgme.texi (I/O Callback Example): Fix example code.

* gpgme.texi (Generating Keys): Fix OpenPGP parameters and reference GPG and GPGSM manual.

2010-01-05 Werner Koch <wk@g10code.com>

* gpgme.texi (Changing Passphrases): New.

2009-07-21 Werner Koch <wk@g10code.com>

* uiserver.texi (UI Server Encrypt): Add --expect-sign option to PREP_ENCRYPT.

2009-06-16 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Result Management): New section.

2009-06-16 Werner Koch <wk@g10code.com>

* gpgme.texi (Exporting Keys): Document gpgme_op_export_keys.
(Importing Keys): Document gpgme_op_import_keys.
(Data Buffer Meta-Data): Document URL encodings.

2009-05-28

Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Library Version Check): Document selftest error.
(Creating Contexts): Likewise.

2009-05-18 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Encrypting a Plaintext): Document GPGME_ENCRYPT_NO_ENCRYPT_TO.

2009-05-05 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Engine Information): Replace path by file_name.

2008-11-28 Werner Koch <wk@g10code.com>

* gpgme.texi (Listing Keys): Change description of the return value to match the code. Spotted by Colin Leroy.

2008-10-15 Werner Koch <wk@g10code.com>

* uiserver.texi (Miscellaneous UI Server Commands): Add option --protocol to the SENDER command.

2008-07-17 Werner Koch <wk@g10code.com>

* module-overview.sk: New.

2008-07-04 Werner Koch <wk@g10code.com>

* gpgme.texi (Algorithms): Add a hint on symmetric only encryption.

2008-06-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Cancellation): Document gpgme_cancel_async.

2008-06-25

Werner Koch <wk@g10code.com>

* gpgme.texi (Listing Keys): Updated example to the current API. Noted by Nico Schottelius.

2008-06-05 Werner Koch <wk@g10code.com>

* uiserver.texi (Miscellaneous UI Server Commands): Describe START_CONFDialog.

2008-06-04 Werner Koch <wk@g10code.com>

* gpgme.texi: Use @copying command. Change license to GPLv3. Include protocol specs from GpgOL and GPGEx. Minor cleanups.

2008-03-11 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (File Based Data Buffers): Document the need for blocking operations.

(Callback Based Data Buffers): Likewise.

2008-03-05 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Library Version Check): Rename snippet function to init_gpgme.

(I/O Callback Example): Call it here.

2008-01-28 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Document that data encoding affects some output data objects now.

2007-09-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Protocols and Engines):
Document GPGME_PROTOCOL_UNKNOWN.

2007-09-11 Werner Koch <wk@g10code.com>

* gpgme.texi (I/O Callback Example): Typo fix.

2007-08-07 Werner Koch <wk@g10code.com>

* gpgme.texi (Verify): Describe chain_model.

2007-07-12 Werner Koch <wk@g10code.com>

* gpgme.texi (Library Version Check): Add remark that the socket layer will get initialized.

2007-06-05 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Advanced Key Editing): New section.

2007-05-21 Werner Koch <wk@g10code.com>

* Makefile.am (online): New target.

2007-05-18 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Error Strings): Fix documentation of gpgme_strerror_r.

2006-11-01 Moritz Schulte <moritz@g10code.com>

* gpgme.texi (Data Buffer I/O Operations): Fixed entry for gpgme_data_seek: OFFSET is not a pointer; some s/whence/offset/.

2006-09-25 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Destroying Data Buffers): Clarify that gpgme_data_release_and_get_mem destroys DH unconditionally.

2005-03-24

Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Library Version Check): Make example code compatible to W32 systems.

2006-06-21 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Passphrase Callback): Fix inverted condition in description.

2005-12-20 Werner Koch <wk@g10code.com>

* gpgme.texi (Verify): Document pka_trust.

2005-12-06 Werner Koch <wk@g10code.com>

* gpgme.texi (Key Management): Updated to match the fixes for subkey fingerprints and the secret flag.

2005-10-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Destroying Data Buffers): Document gpgme_free.

2005-10-02 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Management): Add the new member notations of gpgme_sig_key_t.
(Key Listing Mode): Document GPGME_KEYLIST_MODE_SIG_NOTATIONS.

2005-10-01 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Enclose all return parameters of deftypefuns in curly brackets.

* gpgme.texi (Signature Notation Data): New section.
(Verify): Added more about the notation data structure.

2005-09-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Data Buffer I/O Operations, Data Buffer Meta-Data):

New subsections.

* gpgme.texi: Replace plaintext_filename with file_name.

* gpgme.texi (Key Management): Document is_qualified.

2005-07-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Decrypt): Add plaintext_filename to

gpgme_decrypt_result_t.

(Verify): Likewise for gpgme_verify_result_t.

2005-06-03 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Add information about new fields in

gpgme_signature_t.

* gpgme.texi (Decrypt): Add gpgme_recipient_t.

2005-05-28 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Listing Mode): Fix return type of

gpgme_set_keylist_mode.

Reported by "Sergio" <ml_sergico@virgilio.it>.

2005-04-28 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Included Certificates): Document

GPGME_INCLUDE_CERTS_DEFAULT.

2005-01-12 Marcus

Brinkmann <marcus@g10code.de>

* gpgme.texi (Engine Configuration): New section.

(Crypto Engine): New subsection.

2004-12-07 Marcus Brinkmann <marcus@g10code.de>

* lesser.texi (Library Copying): Change from @appendixsec to @appendix.

* gpgme.texi (Features): Change reference to GPL to one to LGPL.

* Makefile.am: Change license to LGPL.

(gpgme_TEXINFOS): Replace gpl.texi with lesser.texi.

* gpgme.texi: Change license to LGPL (also for documentation of GPGME's license).

* lesser.texi: New file.

* gpl.texi: File removed.

* gpgme.texi (Creating Contexts): Fix cut&paste error. Reported by Noel Torres <envite@rolamasao.org>.

2004-09-30 Marcus Brinkmann <marcus@g10code.de>

* Makefile.am (gpgme_TEXINFOS): Remove fdl.texi.

* gpgme.texi: Do not include fdl.texi. Change license to GPL.

* fdl.texi: File removed.

2004-09-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Management): Change type of keylist_mode in gpgme_key_t to gpgme_keylist_mode_t.

2004-09-28

Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Passphrase Callback): Fix last change.

2004-09-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Passphrase Callback): Document GPG_ERR_NOT_IMPLEMENTED.

* gpgme.texi: Update copyright year for tex version.

2004-07-29 Moritz Schulte <moritz@g10code.com>

* gpgme.texi (Verify): Fix gpgme_get_key example (ancient force_update argument was still there).

2004-06-08 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Listing Keys): Elaborate on the length restrictions on search patterns.

* gpgme.texi (Decrypt and Verify): Document the NO_DATA error code.

(Verify): Document the relationship between gpgme_op_verify_result and the decrypt and verify operations.

2004-05-21 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Document GPG_ERR_CERT_REVOKED status.

* gpgme.texi (Decrypt): Add note about new field wrong_key_usage

of gpgme_decrypt_result_t.

* gpgme.texi (Key Management): Add
note about new field
keylist_mode of gpgme_key_t.

2004-04-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Correct type of member wrong_key_usage.

2004-03-29 Moritz Schulte <moritz@duesseldorf.ccc.de>

* gpgme.texi (Verify): Fix type of gpgme_op_verify_result.
* gpgme.texi (Key Listing Mode): Typo fix.

2004-03-23 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Library Version Check): Fix the instruction when to
set the locale.

2004-03-03 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (I/O Callback Example Qt): New section by Marc Mutz.

2004-02-24 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (cancellation): New section.

2004-02-17 Werner Koch <wk@gnupg.org>

* gpgme.texi (Key Listing Mode): Doc KEYLIST_MODE_VALIDATE.

2004-02-06 Moritz Schulte <mo@g10code.com>

* gpgme.texi: A couple of small fixes regarding the Largefile
Support section.

2004-02-01 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Largefile Support): New
section.

2004-01-13 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Management): Fix exportable field.

2003-12-25 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Management): Rename member class in gpgme_key_sig_t to sig_class.
(Creating a Signature): Likewise for gpgme_signature_t.

2003-12-23 Moritz Schulte <mo@g10code.com>

* gpgme.texi (Listing Keys): Minor clarification for gpgme_get_key.

2003-10-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Signal Handling): New section.

2003-09-14 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Multi Threading): Correct documentation on memory synchronization requirement.

* gpgme.texi (Locale): New section.
(Multi Threading): Set locale in example.

2003-09-13 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Error Strings): Add gpgme_strerror_r.

2003-09-13 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Multi Threading): Update documentation.

2003-09-03 Marcus Brinkmann <marcus@g10code.de>

*
gpgme.texi (Header): We don't use the assuan namespace anymore.
Document new thread options.

2003-08-14 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Creating a Signature): Change type of member class to unsigned int.

2003-08-04 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Get error code from SIG->status in the code for gpgme_get_sig_status.

2003-07-31 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Management): Add can_authenticate flag.

* gpgme.texi (Listing Keys): Document GPG_ERR_AMBIGUOUS_NAME for gpgme_get_key.

2003-07-29 Marcus Brinkmann <marcus@g10code.de>

* Makefile.am (EXTRA_DIST): Remove variable.

* gpgme.texi (Encrypting a Plaintext): Bad passphrase is only possible with symmetric encryption, change the wording to reflect that.

* gpgme.texi (Creating a Signature): Document GPG_ERR_UNUSABLE_SECKEY.

* gpgme.texi (Encrypting a Plaintext): Mention encrypt and sign operations in result function.
(Creating a Signature): Likewise.

2003-07-23 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Listing Mode): Remove word duplication.
(Listing Keys): Remove mentioning of force argument.
(Verify): Don't mention r_stat. Fix some typos.
(Decrypt and Verify): Correct info how to get the result. Don't mention r_stat.
(Manipulating Data Buffers): Fix documentation of return value.
(Listing Keys): Update examples.
(Decrypt): Result might also be available when operation failed.
(Verify): Result might also be available when operation failed.
All spotted by Stphane Corthisy.

2003-07-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Error Sources): Fix cut and paste error.

2003-07-09 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Management): Clarify difference between can_sign and can_certify.
(Information About Keys): Likewise for GPGME_ATTR_CAN_SIGN and GPGME_ATTR_CAN_CERTIFY.

2003-07-08 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Progress

Meter Callback): Change return type of
gpgme_progress_cb_t to void.

2003-06-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Add 2003 to copyright notice.

* gpgme.texi (Header): Fix name space documentation on
libgpg-error.

2003-06-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Multi Threading): Remove reference to
gpgme_recipients_t.

2003-06-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Crypto Operations): Rename gpgme_invalid_user_id_t
to gpgme_invalid_key_t.

2003-06-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Change error codes to GPG_ERR_* variants.
(Error Handling): Rewritten.

2003-05-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Exporting Keys): Change and document prototypes.
Add new gpgme_op_export_ext and gpgme_op_export_ext_start
variants.

(Selecting Recipients): Section removed.

(Encrypting a Plaintext): Change prototypes and document the
changes.

2003-05-28 Marcus Brinkmann <marcus@g10code.de>

*

gpgme.texi (Exporting Keys): Change argument type from
gpgme_recipient_t to gpgme_user_id_t.

(Encrypting a Plaintext): Likewise.

(Selecting Recipients): Rewritten.

2003-05-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Protocol Selection): Do not use @acronym in @node
because that breaks texi2dvi.

* gpgme.texi (Passphrase Callback): Document new prototype.

2003-05-18 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Header): Remove Gpgme as namespace prefix. Add _GPGME to namespace prefix.
- * gpgme.texi (Multi Threading): Add note about link order.

2003-05-04 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Listing Keys): Document what happens if key is not found.
- * gpgme.texi (Importing Keys): Fix cut and paste error.

2003-04-30 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Encrypting a Plaintext): Remove reference to gpgme_get_op_info.
(Detailed Results): Subsection removed.
- * gpgme.texi (Key Listing Mode): Add GPGME_KEYLIST_MODE_SIGS.
(Manipulating Keys): Add obsolescence note.
(Key Signatures): Likewise.
(Information About Keys): Likewise.
(Key Management): Add new data types GpgmeSubkey, GpgmeKeySig, GpgmeUserID, and all the information about GpgmeKey.

2003-04-29 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Listing Keys): Remove force_update argument from gpgme_get_key.
- * gpgme.texi (Trust Item Management): Add data members of GpgmeTrustItem type.
(Information About Trust Items): Add note about obsolescence.
(Manipulating Trust Items): Add gpgme_trust_item_ref and gpgme_trust_item_unref.

2003-04-28 Marcus Brinkmann <marcus@g10code.de>

- * gpgme.texi (Verify): Rewritten to take into account new and deprecated functions and data types.
- * gpgme.texi (Decrypt): Descript gpgme_op_decrypt_result and GpgmeDecryptResult.

2003-04-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Encrypting a Plaintext): Add info about GpgmeEncryptResult and gpgme_op_encrypt_result.

* gpgme.texi

(Creating a Signature): Add info about

GpgmeNewSignature, GpgmeSignResult and gpgme_op_sign_result.

(Crypto Operations): Add GpgmeInvalidUserID.

(Algorithms): New chapter.

* gpgme.texi (Deleting Keys): Document

GPGME_Ambiguous_Specification.

(Error Values): Remove GPGME_Invalid_Type and GPGME_Invalid_Mode.

Add GPGME_Unknown_Reason, GPGME_Not_Found,

GPGME_Ambiguous_Specification, GPGME_Wrong_Key_Usage,

GPGME_Key_Revoked, GPGME_Key_Expired, GPGME_No_CRL_Known,

GPGME_CRL_Too_Old, GPGME_Policy_Mismatch, GPGME_No_Secret_Key,

GPGME_Key_Not_Trusted, GPGME_Issuer_Missing, GPGME_Chain_Too_Long,

GPGME_Unsupported_Algorithm, GPGME_Sig_Expired,

GPGME_Bad_Signature, GPGME_No_Public_Key.

2003-04-25 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Importing Keys): Change GPGME_IMPORT_PRIVATE to GPGME_IMPORT_SECRET.

* gpgme.texi (Importing Keys): Remove note about gpgme_get_op_info.

(Detailed Results): Remove note about import.

* gpgme.texi (Importing Keys): Add documentation

for

GpgmeImportStatus, GpgmeImportResult and gpgme_op_import_result.

* gpgme.texi (Generating Keys): Fix documentation of public and secret arguments.

2003-04-24 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Generating Keys): Document changed gpgme_op_genkey and new gpgme_op_genkey_result function. Document GpgmeGenKeyResult data type.

* gpgme.texi (Error Values): Rename GPGME_No_Passphrase to GPGME_Bad_Passphrase.

* gpgme.texi (Decrypt): Likewise.

(Decrypt and Verify): Likewise.

(Creating a Signature): Likewise.

(Encrypting a Plaintext): Likewise.

* gpgme.texi (Error Values): Rename GPGME_No_Recipients to GPGME_No_UserID and GPGME_Invalid_Recipient to GPGME_Invalid_UserID.
(Encrypting a Plaintext): Likewise.

* gpgme.texi (Error Values): Remove GPGME_Busy and GPGME_No_Request.
(Listing Keys): Likewise.
(Listing Trust Items): Likewise.

2003-02-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Cancelling an Operation): Removed.
(Passphrase
Callback): Document new type for GpgmePassphraseCb.

2003-01-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Engine Information): Rename member part to file_name.

* gpgme.texi (Protocols and Engines): Document
gpgme_get_protocol_name.

* gpgme.texi (Engine Information): Rewritten.

2003-01-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (I/O Callback Interface): Document new even
GPGME_EVENT_START.
(Waiting For Completion): Document new possible return values.
(I/O Callback Interface): Document return type of GpgmeIOCb.

2003-01-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Hooking Up Into Idle Time): Section removed.

2002-12-24 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Drop R_STAT argument in gpgme_op_verify.
* gpgme.texi (Decrypt and Verify): Likewise for
gpgme_op_decrypt_verify.

2002-12-23 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Information About Keys): Document that
GPGME_ATTR_IS_SECRET is not representable

as a string anymore.

2002-12-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Signatures): New section.
(Listing Keys): Add gpgme_get_key.

2002-12-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Memory Based Data Buffers): New subsection.
(File Based Data Buffers): Likewise.
(Callback Based Data Buffers): Likewise.
(Manipulating Data Buffers): Update interfaces. Add
gpgme_data_seek.
* gpgme.texi (Engine Version Check): Remove gpgme_check_engine.

2002-11-21 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Document the new interface.

2002-11-19 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Generating Keys): Document new argument to
gpgme_op_genkey.

2002-11-05 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Fix prototype of gpgme_get_sig_key.
Reported by Miguel Coca <e970095@zipi.fi.upm.es>.

2002-08-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Selecting Signers): Fix reference count.

2002-08-21

Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Header): Document name space.

2002-08-20 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Importing Keys): Document gpgme_op_import_ext.

* gpgme.texi (Importing Keys): Undocument EOF.

2002-08-14 Werner Koch <wk@gnupg.org>

* gpgme.texi (Information About Keys): Changed GPGME_ATTR_TYPE.

2002-07-25 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Deleting Keys): Say that secret keys might not be deleted.

2002-07-25 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Information About Keys): Document (badly) the new key attributes.

* gpgme.texi (Manipulating Data Buffers): Mention that backend tries to detect encoding automatically.

2002-07-03 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Run Control): Update this section.
(Waiting For Completion): Likewise for this subsection.
(Cancelling an Operation): Likewise for this subsection.
(Using External Event Loops): New subsection with several subsubsections.

2002-06-28

Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Multi Threading): Remove item about the need to synchronize anything against gpgme_wait (except gpgme_wait itself).

2002-06-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Information About Keys): Fix documentation for IDX.
(Information About Trust Items): Likewise.

2002-06-26 Werner Koch <wk@gnupg.org>

* gpgme.texi (Importing Keys): Document the return value -1 of gpgme_op_import.

2002-06-20 Werner Koch <wk@gnupg.org>

* gpgme.texi (Verify): Explain the new whatidx variable.

2002-06-10 Werner Koch <wk@gnupg.org>

* gpgme.texi (Verify): Document attribute GPGME_ATTR_ERRTOK.

2002-06-04 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Multi Threading): Document new autodetection.

2002-06-04 Marcus Brinkmann <marcus@g10code.de>

* Makefile.am (DISTCLEANFILES): New variable.

2002-05-26 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Some typographical corrections throughout.

2002-05-09 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Using Automake): New section.

2002-05-09 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Multi Threading): Escape { and }.

2002-05-09 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Overview): Replace note about thread-safeness.
(Multi Threading): New section.

2002-05-03 Werner Koch <wk@gnupg.org>

* gpgme.texi (Manipulating Data Buffers): Changed some data types to void*.

(Protocol Selection): Added gpgme_get_protocol.

(Verify): Updated to include the new attribute functions and status codes.

2002-04-27 Werner Koch <wk@gnupg.org>

* gpgme.texi (Manipulating Data Buffers): New type GpgmeDataEncoding.

2002-04-23 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Passphrase Callback): Document that either return argument can be NULL.

(Progress Meter Callback): Likewise.

2002-04-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Passphrase Callback): Fix small

typo. Document the

new function gpgme_get_passphrase_cb.

(Progress Meter Callback): Document the new function
gpgme_get_progress_cb.

2002-04-16 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Creating a Signature): Fix function name. Reported
by Wichert Ackerman <wichert@debian.org>.

2002-03-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (direntry): End index entry with a full stop.
Patch submitted by Jose Carlos Garcia Sogo <jsogo@debian.org>.

2002-03-17 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Detailed Results): Fix syntax error in last change.

2002-03-08 Werner Koch <wk@gnupg.org>

* gpgme.texi (Detailed Results): Import does also return info.

2002-03-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Encrypting a Plaintext): Document symmetric
encryption.

2002-03-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Error Strings): Add example.

* gpgme.texi (Listing Keys): Likewise.

2002-03-03 Marcus Brinkmann <marcus@g10code.de>

*

gpgme.texi (Information About Keys): Document GPGME_ATTR_EXPIRE.

2002-03-03 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Verify): Document verification of normal and
cleartext signatures.

2002-02-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Listing Keys): Document gpgme_op_keylist_ext_start.

2002-02-27 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Encrypting a Plaintext): Document

GPGME_Invalid_Recipients.

(Error Values): Likewise.

2002-02-26 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Encrypting a Plaintext): Document
gpgme_op_encrypt_sign and gpgme_op_encrypt_sign_start.

2002-02-25 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Creating a Signature): Add a note about
certificates to include.
(Included Certificates): New section.

2002-02-09 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Detailed Results): Remove literal tags.
(Generating Keys): Update documentation.

* gpgme.texi (Generating Keys):
Fix syntax error.

2002-02-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Waiting For Completion): Adjust doc to changes in
the code.

2002-02-06 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Key Listing Mode): Update documentation.

2002-01-31 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Generating Keys): Document error at creation
failure.

2002-01-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Deleting Keys): Document new error values.

2002-01-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Importing Keys): Add reference to gpgme_get_op_info.

2002-01-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Some spell checking.

2002-01-30 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: Add all the gpgme_op_*_start functions.
Fill the concept index with many, many entries.

2002-01-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Run Control): New section.
(Verify): Document gpgme_get_notation.
(More Information):
New section describing gpgme_get_op_info.

2002-01-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Passphrase callback): Change GpgmePassphraseCb's
R_HD type from void* to void**.

2002-01-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Creating data buffers): Change
gpgme_data_new_from_filepart's LENGTH type from off_t to size_t.

2002-01-22 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi (Generating keys): New subsection.
(Exporting keys): Likewise.
(Importing keys): Likewise.
(Deleting keys): Likewise.

2002-01-16 Marcus Brinkmann <marcus@g10code.de>

* gpgme.texi: g10Code -> g10 Code
* gpgme.texi (Top): Complete detailmenu.
* gpgme.texi: Convert embarrassing cruft to the real thing.

2002-01-16 Marcus Brinkmann <marcus@g10code.de>

* ChangeLog: New file.
* gpgme.texi: Likewise.
* gpl.texi: Likewise.
* fdl.texi: Likewise.
* Makefile.am (info_TEXINFOS): New variable.
(gpgme_TEXINFOS): Likewise.

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```
(21:protected-private-key(3:elg(1:p129:|B36I(s7}+ZJ/pvE;"tg7N ca"Gxvnyu&bB#h'7=89&oG
R<hO)(1:g1:)(1:y128:Ji|WU_UP}AQ\YMhAl|2e{ _tcMNDg){ QnWsK 4pY {$bDCs)(9:protected25:openpgp-s2k3-
sha1-aes-cbc((4:sha18:JcE7:6452224)16: i[Q*vK)192:FJA!O!ZAF
biJ&Tsb!t
```

```
&9@R\~V+x>?sedDz-W(yqf?u^e?s1saV8<T0:tC5%ZMh?$,y_e[1D)(12:protected-at15:20130812T105135)))
```

(private-key

(oid.1.2.840.113549.1.1.1

(n

```
#00e0ce96f90b6c9e02f3922beada93fe50a875eac6bcc18bb9a9cf2e84965caa2d1ff95a7f542465c6c0c19d276e4526ce
048868a7a914fd343cc3a87dd74291ffc565506d5bbb25cbac6a0e2dd1f8bcaab0d4a29c2f37c950f363484bf269f78914
40464baf79827e03a36e70b814938eebdc63e964247be75dc58b014b7ea251#)
```

(e #010001#)

(d

```
#046129F2489D71579BE0A75FE029BD6CDB574EBF57EA8A5B0FDA942CAB943B117D7BB95E5D28875E0F
9FC5FCC06A72F6D502464DABDED78EF6B716177B83D5BDC543DC5D3FED932E59F5897E92E6F58A0F334
24106A3B6FA2CBF877510E4AC21C3EE47851E97D12996222AC3566D4CCB0B83D164074ABF7DE655FC244
6DA1781#)
```

(p

```
#00e861b700e17e8afe6837e7512e35b6ca11d0ae47d8b85161c67baf64377213fe52d772f2035b3ca830af41d8a4120e
1c1c70d12cc22f00d28d31dd48a8d424f1#)
```

(q

```
#00f7a7ca5367c661f8e62df34f0d05c10c88e5492348dd7bdbc942c9a8f369f935a07785d2db805215ed786e4285df16
58eed3ce84f469b81b50d358407b4ad361#)
```

(u

```
#304559a9ead56d2309d203811a641bb1a09626bc8eb36ffa23c968ec5bd891eebbafc73ae666e01ba7c8990bae06cc2
bbe10b75e69fcacb353a6473079d8e9b#)
```

)

)

libpgme.vers - List of symbols to export.

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#

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#

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#

```
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#  
# You should have received a copy of the GNU Lesser General Public  
# License along with this program; if not, see <https://www.gnu.org/licenses/>.
```

```
#-----  
# Please remember to add new functions also to gpgme.def  
#-----
```

```
GPGME_1.1 {  
  global:  
    gpgme_set_engine_info;  
  
    gpgme_ctx_get_engine_info;  
    gpgme_ctx_set_engine_info;  
  
    gpgme_data_set_file_name;  
    gpgme_data_get_file_name;  
    gpgme_data_identify;  
  
    gpgme_sig_notation_clear;  
    gpgme_sig_notation_add;  
    gpgme_sig_notation_get;  
  
    gpgme_free;  
  
    gpgme_op_getauditlog_start;  
    gpgme_op_getauditlog;  
  
    gpgme_conf_release;  
    gpgme_conf_arg_new;  
    gpgme_conf_arg_release;  
    gpgme_conf_opt_change;  
    gpgme_op_conf_load;  
    gpgme_op_conf_save;  
    gpgme_op_conf_dir;  
  
    gpgme_cancel_async;  
  
    gpgme_op_assuan_result;  
    gpgme_op_assuan_transact;  
    gpgme_op_assuan_transact_start;  
  
    gpgme_check_version_internal;
```

gpgme_io_read;
gpgme_io_write;

gpgme_result_ref;
gpgme_result_unref;

gpgme_op_import_keys;
gpgme_op_import_keys_start;
gpgme_op_export_keys;
gpgme_op_export_keys_start;

gpgme_op_assuan_transact_ext;

gpgme_wait_ext;

gpgme_op_vfs_mount_result;
gpgme_op_vfs_mount;
gpgme_op_vfs_create;

gpgme_key_from_uid;
gpgme_set_sub_protocol;
gpgme_get_sub_protocol;

gpgme_op_passwd_start;
gpgme_op_passwd;

gpgme_set_global_flag;

gpgme_io_writen;

gpgme_set_pinentry_mode;
gpgme_get_pinentry_mode;

gpgme_get_dirinfo;

gpgme_op_spawn_start;
gpgme_op_spawn;

gpgme_set_offline;
gpgme_get_offline;

gpgme_set_status_cb;
gpgme_get_status_cb;

gpgme_pubkey_algo_string;
gpgme_set_ctx_flag;
gpgme_get_ctx_flag;
gpgme_data_set_flag;

```
gpgme_op_createkey_start;
gpgme_op_createkey;
gpgme_op_createsubkey_start;
gpgme_op_createsubkey;
gpgme_op_adduid_start;
gpgme_op_adduid;
gpgme_op_revuid_start;
gpgme_op_revuid;
gpgme_op_keysign_start;
gpgme_op_keysign;
gpgme_op_tofu_policy_start;
gpgme_op_tofu_policy;
gpgme_op_interact_start;
gpgme_op_interact;

gpgme_addrspec_from_uid;

gpgme_set_sender;
gpgme_get_sender;

gpgme_op_query_swdb;
gpgme_op_query_swdb_result;

gpgme_op_set_uid_flag_start;
gpgme_op_set_uid_flag;

gpgme_op_decrypt_ext;
gpgme_op_decrypt_ext_start;

gpgme_data_new_from_estream;

};
```

```
GPGME_1.0 {
global:
gpgme_check_version;
gpgme_get_engine_info;
gpgme_engine_check_version;

gpgme_err_code_from_errno;
gpgme_err_code_to_errno;
gpgme_err_make_from_errno;
gpgme_error_from_errno;
gpgme_strerror;
gpgme_strerror_r;
gpgme_strerrorsource;
```

gpgme_data_get_encoding;
gpgme_data_new;
gpgme_data_new_from_cbs;
gpgme_data_new_from_fd;
gpgme_data_new_from_file;
gpgme_data_new_from_filepart;
gpgme_data_new_from_mem;
gpgme_data_new_from_stream;
gpgme_data_read;
gpgme_data_release;
gpgme_data_release_and_get_mem;
gpgme_data_seek;
gpgme_data_set_encoding;
gpgme_data_write;

gpgme_get_protocol_name;
gpgme_hash_algo_name;
gpgme_pubkey_algo_name;

gpgme_new;
gpgme_get_armor;
gpgme_get_include_certs;
gpgme_get_io_cbs;
gpgme_get_keylist_mode;
gpgme_get_passphrase_cb;
gpgme_get_progress_cb;
gpgme_get_protocol;
gpgme_get_textmode;
gpgme_release;
gpgme_set_armor;
gpgme_set_include_certs;
gpgme_set_io_cbs;
gpgme_set_keylist_mode;
gpgme_set_locale;
gpgme_set_passphrase_cb;
gpgme_set_progress_cb;
gpgme_set_protocol;
gpgme_set_textmode;
gpgme_signers_add;
gpgme_signers_clear;
gpgme_signers_count;
gpgme_signers_enum;

gpgme_key_ref;
gpgme_key_unref;
gpgme_key_release;

gpgme_trust_item_ref;
gpgme_trust_item_unref;

gpgme_cancel;
gpgme_op_card_edit;
gpgme_op_card_edit_start;
gpgme_op_decrypt;
gpgme_op_decrypt_result;
gpgme_op_decrypt_start;
gpgme_op_decrypt_verify;
gpgme_op_decrypt_verify_start;
gpgme_op_delete;
gpgme_op_delete_start;
gpgme_op_delete_ext;
gpgme_op_delete_ext_start;
gpgme_op_edit;
gpgme_op_edit_start;
gpgme_op_encrypt;
gpgme_op_encrypt_start;
gpgme_op_encrypt_ext;
gpgme_op_encrypt_ext_start;
gpgme_op_encrypt_sign;
gpgme_op_encrypt_sign_ext;
gpgme_op_encrypt_sign_start;
gpgme_op_encrypt_sign_ext_start;
gpgme_op_encrypt_result;

gpgme_op_export;
gpgme_op_export_ext;
gpgme_op_export_ext_start;
gpgme_op_export_start;
gpgme_op_genkey;
gpgme_op_genkey_result;
gpgme_op_genkey_start;
gpgme_get_key;
gpgme_op_import;
gpgme_op_import_result;
gpgme_op_import_start;
gpgme_op_keylist_end;
gpgme_op_keylist_ext_start;
gpgme_op_keylist_from_data_start;
gpgme_op_keylist_next;
gpgme_op_keylist_result;
gpgme_op_keylist_start;
gpgme_op_sign;
gpgme_op_sign_result;
gpgme_op_sign_start;
gpgme_op_trustlist_end;

```

gpgme_op_trustlist_next;
gpgme_op_trustlist_start;
gpgme_op_verify;
gpgme_op_verify_result;
gpgme_op_verify_start;
gpgme_wait;

gpgme_data_new_with_read_cb;
gpgme_data_rewind;
gpgme_get_sig_status;
gpgme_get_sig_string_attr;
gpgme_get_sig_ulong_attr;
gpgme_get_sig_key;
gpgme_key_get_string_attr;
gpgme_key_get_ulong_attr;
gpgme_key_sig_get_string_attr;
gpgme_key_sig_get_ulong_attr;
gpgme_op_import_ext;
gpgme_trust_item_get_int_attr;
gpgme_trust_item_get_string_attr;
gpgme_trust_item_release;

gpgme_err_code_from_syserror;
gpgme_err_set_errno;

local:
*;

};
;;; -*- Mode: lisp -*-

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;;;
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```


::: 02111-1307, USA.

```
(defpackage #:gpgme-system  
  (:use #:common-lisp #:asdf))
```

```
(in-package #:gpgme-system)
```

```
(defsystem gpgme  
  :description "GnuPG Made Easy."  
  :author "g10 Code GmbH"  
  :version "1.13.1"  
  :licence "GPL"  
  :defsystem-depends-on ("cffi-grovel")  
  :depends-on ("cffi" "gpg-error" "trivial-garbage")  
  :components ((:file "gpgme-package")  
               (:cffi-grovel-file "gpgme-grovel"  
                :depends-on ("gpgme-package"))  
               (:file "gpgme"  
                :depends-on ("gpgme-package" "gpgme-grovel"))))
```

-----BEGIN PGP PRIVATE KEY BLOCK-----

```
IQOYBFrsKEkBCADKw4Wt8J6M/88qD8PO6lSMCxH1cpwH8iK0uPaFFYsJkkXo7kWf  
PTAtrV+REqF/o80dvYcdLvRsV21pvncZz/HXLU1yQ18mC3XObrKokbdgrTTKA5XE  
BZkNsqyaMMJauT18H4hYkSg62/tTdO1cu/zWv/LFf7Xyn6+uA74ovXCJIO1s0N2c  
PSht98QRzPMf2owgVk37JnDNp4gGVDGHxSZOuUwxgYAZYnA8SFc+c+3ZrQfY870  
+O4j3Mz4p7yD13AwP4buQLBsb/icxekeQCqRjLH9f7MdEcGXa1x36RcEkHdu+M  
yJ392eMgD+dKNfRCtyTPhjZTxvbNELIBYICfABEBAAEAB/wLJ0gyMjs2ffft83wM  
5Lzz2yQIwV4t3bb1BAujdHTqeN5Zmsm/oakFyjSokULK96Kv0R4ej9eoIgmFvxFk  
HRkrngxTrbsNJ7I6QcKYHTPeIj318ykNL6fj0WJUcdPIENukX15jbqNyk3/4D2y  
TTDySyq6jHTgvMH4K4KJUSpglvSJPntTk9RhuFGHAF+sNR9atygDYctAaERMrtSg  
LCoSt/AoX5GRMIQjXT9oqQjwSQoZyF4s8HMC8wdTFIE/E0L4IVdHvp8sz2UzNtT  
W/evmCA+KVruKjRH/Fhrq4hHkEamW28+j4L6uAyagONP7BONs+S5Oo2zTT9+tV2R  
ILTZBADdgLuAgF6C5Lu9jCF6DfFgaT/uafMyQNkEGNlxOHMWHtGLHe475V2eG9gA  
amd4yXKYEFKU1PWnvlGuicQSGdzVcwmq61msvXgYD0FK3LP3yWzKnE4X1tzc9Vp  
/uHjxKjewCuyt1f5in919v+T8TbUxBYKC0zX/qWtX+10cTx77QQA6leqhToJ95Yc  
u4UBrKMEO+y2v8Svb3LG7yI5oY8tkw0EkJ/kpZ8xTafZYCe6fXdVVE3PHg2lrxyc  
Wv/EU3QY/qA3G82mbXYeJ2jNZaTNYo4MylMrt4Mx25x4ke7JlsE8SVrQ+4CrHkqp  
OjSIa7fppLrQ78uW980AtN8NNQGrlTsD/A9aoA60IgxY1Q3K2uSyDCyJLknv57ym  
ZSBD3/t7m0l6Q6gbdhNGosT+Hd4y3actqEqzXZHW2VG4dKZ/wRNkxtSm9adU9vs  
EHyzxjb6mKIH32zAG5TaFT20hC+NK6lsyHr9UE2ZrS6ma2sLxGW2O40hqNsdD+5m  
NrqeBc2I/js1PMK0EHRlc3RAZXhhbXBsZS5vcmeJAVQEEwEIAD4WIQTUFzW5Ejb9  
uIIEjFojAWNe7/DLBQUcWuwoSQIbAwUJA8JnAAULCQgHAgYVCgkICwIEFgIDAQIe  
AQIXgAAKCRajAWNe7/DLBf9kB/wOQ/S60HGwFq07W9N01HWULyhHKOmmHL6rfZ6  
4oDqLxolPSasz7WAMW1jN4qtWJ0mFzwo83V6kaBe+wF6Kqir6udFSBW9rPcFg6/V  
ZXPtT0a6uacIHq6DyQ5iMW4YQWbVy9OR2rNgkYo1JCBR0XdRJYCSX3yB4TWv/eX  
nZ37/WjmiTOIZh35rjs+NuU/S5JPDfAp2/k70DevQeBsv+UjVXjWpNTZmPbvDnd9  
95uSmC6UY4hzyP84ORYMYn9n1QAR0goxDN6UunOf9Rlp1oMzdxMool/d1MICxg2h  
3jheuhv7lgUF4KpvHOuEPXQ7UO417E0TYcDZ1J8Nsv87SZeEnQOYBFrsKEkBCADj
```

oEBhG/QPqZHg8VyoD1xYRAWGxyDjkX/GrSs6yE+x2hk5FoQCajxKa/d4AVxOnJpd
whAfeXeSNaql5Ejgzax+Tdj9BV6vtGVJVv0pO7bgAiZxkA6RHxtNqhpPnPQoXvUz
kzpRgpuL+Nj4yIg7z1ITH6KQH4u5SI9vd+j/8i9Taz67pdZwuJjac8qBuJHjzAo1
bjYctFYUSG5pbmMQyNlySzgiNkFa4DajODlt3RuqVGP316Fk+Sy2+60tC/HIX8jg
MyMONfOGBQx6jk8tvAphS/LAqrrNepnagIyLUGKU+L8cB2g1PGGp2biBFWqZbudZ
oyRBet/0yH/zirBdQJw1ABEBAAEAB/4IN3gXOI4OuoOcsvHak4pebx61Mt0YP9cT
qZASIBqxok5x8E28pFh/tYfkYdqRCtdNYZOnxcEoUWh5j6nfwZkEnJ9P/T8GPNk7
pMKnKXmExi05b5uGHD8nU1rSbf/YkvAF0vpbx4/RDXbbtQhbUwGzusSI+pBLM0w
5TreEB+vRGBc2gOvXXOtKLNEa7M9rH2EwbAkP3jOGGwgk6adxQdBcRxq4merqHL
YrVz73bcJ8TDc0fsNjyIaZZJ++ejfBFYavsF1pvx9z7FNFf8rSXoiB3SBtaWGfhr
bwNaMzrDc7TRIq/fqGaL6g//bzcWrr1YaHXZ10Bgx6UymDOIYkCpBADm0Hv46sPw
07SO8+IACcaQliOto1pndOPwTimCe058/7rf8I2a5uuJloGrnPwAX65bKDnUALp6
X3lnXRNmhnB3Uewx4i00LQmjsxhJfQiGLpMv0j58tn64s7GqQzGVV1JKcQm992RV
jFOydyjZ+K4LGWEOITG/bZrMEVNGCM+OnQQA/Haz8xN0NFSlq7tyfFc0pkx/TiCX
xGfBqbO0wU2b5GMnZbY/06HENpidIzpa231VQaw5/nPTvfhLLKW1iGAkc148cX1q
IL9w2ksXuaHR3LXud2VcfVTIidxU/7h7u1dD/85+c0+7j1GObD9cXKxIM6OjpIJ1
l5/1h3C5S0TuxHkEAL/3BGihkhNfv1Xx0rWu0/732usX/nE/A9C26hGu41FUf3fp
0ilonKpKZUEwWt5hWSEFCSrznNVekiO0rxvuu3RVegvzThPNU4Pf4JZtJpRVhvUQ
d9ulxJw7V9rs75uNBatTNC0kXuGoXhehw4Bn93xa67gYGd3LfrH+oT0GCDpTSHCJ
ATwEGAEIACYWIQTUFzW5Ejb9uIIEjFojAWNe7/DLBQUCWuwoSQIbDAUJA8JnAAAK
CRAJAWNe7/DLBf0pCACPP5hBuUWngu2Hqvg+tNiuifsiYzId3MffFxEk3CbXeHcJ
5F32NDJ9PYCnra4L8wSv+NZt9gIa8lFwoFSFQCjZH7KE86XcV3MhfdJTNb/+9CR7
Jq3e/4Iy0N5ip7PNYMCyakcAsxvsNCJKrSaDuYe/OAoTXRBtgRWE2uyT315em02L
kr+2Cc/Qk6H+vINOHGRgnpl/OZZjnUuUfBUvMGHr1phW+y7aeymC9PnUGdViRdJe
23nntMSDA+0/I7ESO9JsWvJbyBmuiZpu9JjScOjYH9xpQLqRNyw4WHpZriN69F0t
9Mmd7bM1+UyPgbPER0iWMeyctYsuOLEUyQKMscDT

=hkUm

-----END

PGP PRIVATE KEY BLOCK-----

#+TITLE: Stuff To Do

#+LATEX_COMPILER: xelatex

#+LATEX_CLASS: article

#+LATEX_CLASS_OPTIONS: [12pt]

#+LATEX_HEADER: \usepackage{xltextra}

#+LATEX_HEADER: \usepackage[margin=1in]{geometry}

#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Latin Modern Roman}

* Project Task List

:PROPERTIES:

:CUSTOM_ID: task-list

:END:

** DONE Documentation default format

CLOSED: [2018-02-15 Thu 21:29]

:PROPERTIES:

:CUSTOM_ID: todo-docs-default

:END:

Decide on a default file format for documentation. The two main contenders being Org Mode, the default for the GnuPG Project and reStructuredText, the default for Python projects. A third option of DITA XML was considered due to a number of beneficial features it provides.

The decision was made to use Org Mode in order to fully integrate with the rest of the GPGME and GnuPG documentation. It is possible to produce reST versions via Pandoc and DITA XML can be reached through converting to either Markdown or XHTML first.

** TODO Documentation build systems

```
:PROPERTIES:  
:CUSTOM_ID: todo-docs-build-systems  
:END:
```

Though Org Mode is being used for the default documentation format, it still needs to end up as usable by end users. So the Org Mode files are used to produce the "source" files used by the two main contenders for documenting the bindings: Texinfo and ReStructuredText/Docutils.

*** TODO Texinfo documentation

```
:PROPERTIES:  
:CUSTOM_ID: todo-docs-build-texinfo  
:END:
```

Need to add all of Texinfo's ... special systems to make it do its things.

*** TODO ReStructuredText documentation

```
:PROPERTIES:  
:CUSTOM_ID: todo-docs-build-docutils  
:END:
```

Need to run Sphinx's quick start, add it to the requirements and tweak the index page for the rst files to point to the HOWTO and other files.

It might just be easier to do all that in Org Mode and convert the lot, then the Sphinx bits can be automated.

** STARTED Documentation HOWTO

```
:PROPERTIES:  
:CUSTOM_ID: todo-docs-howto
```

:END:

- State "STARTED" from "TODO" [2018-03-08 Thu 13:59] \\
Started yesterday.
Write a HOWTO style guide for the current Python bindings.

*** DONE Start python bindings HOWTO

CLOSED: [2018-03-07 Wed 18:14]

:PROPERTIES:

:CUSTOM_ID: howto-start

:END:

*** STARTED Include certain specific instructions in the HOWTO

:PROPERTIES:

:CUSTOM_ID: howto-requests

:END:

Note: moved the S/MIME bits out to their own section of the TODO list and may be served better by separate HOWTO documentation anyway.

- State "STARTED" from "TODO" [2018-03-09 Fri 15:27]
Some functions can be worked out from the handful of examples available, but many more can't and I've already begun receiving requests for certain functions to be explained.

**** DONE Standard scenarios

CLOSED: [2018-03-19 Mon 12:34]

:PROPERTIES:

:CUSTOM_ID: howto-the-basics

:END:

- State "DONE" from "STARTED"

[2018-03-19 Mon 12:34] \\

All four of those are done.

- State "STARTED" from "TODO" [2018-03-09 Fri 15:26] \\

Began with the example code, now to add the text.

What everyone expects: encryption, decryption, signing and verifying.

**** STARTED Key control

:PROPERTIES:

:CUSTOM_ID: howto-key-control

:END:

- State "STARTED" from "TODO" [2018-03-19 Mon 12:35] \\

Generating keys and subkeys are done, but revocation is still to be done.
Generating keys, adding subkeys, revoking subkeys (and keeping the cert key), adding and revoking UIDs, signing/certifying keys.

**** DONE More key control

CLOSED: [2018-03-19 Mon 12:36]

:PROPERTIES:

:CUSTOM_ID: howto-key-selection

:END:

- State "DONE" from "TODO" [2018-03-19 Mon 12:36] \\

Key selection, searching, matching and counting is done.

Selecting keys to encrypt to or manipulate in other ways (e.g. as with key

control or the basics).

** TODO Documentation SWIG

:PROPERTIES:

:CUSTOM_ID: todo-docs-swig

:END:

Write documentation for the complete SWIG bindings demonstrating the correspondence with GPGME itself.

Note: it is likely that this will be more in the nature of something to be used in conjunction with the existing GPGME documentation which makes it easier for Python developers to use.

** TODO GUI examples

:PROPERTIES:

:CUSTOM_ID: todo-gui-examples

:END:

Create some examples of using Python bindings in a GUI application to either match or be similar to the old GTK2 examples available with PyME.

** TODO Replace SWIG

:PROPERTIES:

:CUSTOM_ID: todo-replace-swig

:END:

Selecting SWIG for this project in 2002 was understandable and effectively the only viable option. The options available now,

however, are significantly improved and some of those would resolve a number of existing problems with using SWIG, particularly when running code on both POSIX compliant and Windows platforms.

The long term goal is to replace SWIG by reimplementing the Python bindings using a more suitable means of interfacing with the GPGME C source code.

*** TODO Replacement for SWIG

```
:PROPERTIES:  
:CUSTOM_ID: todo-replace-swig-replacement  
:END:
```

Decide on a replacement for SWIG. Currently CFFI is looking like the most viable candidate, but some additional testing and checks are yet to be completed.

** TODO API for an API

```
:PROPERTIES:  
:CUSTOM_ID: todo-api-squared  
:END:
```

A C API like GPGME is not what most modern developers think of when they hear the term API. Normally they think of something they can interact with like a RESTful web API. Though RESTful is unlikely given the nature of GPGME and the process of encryption, it may be possible to provide a more familiar interface which can be utilised by developers of other languages for which bindings are not available or for which it is too difficult to create proper bindings.

** TODO S/MIME

```
:PROPERTIES:  
:CUSTOM_ID: s-mime  
:END:
```

Eventually add some of this, but the OpenPGP details are far more important at the moment.

* Project Task Details

```
:PROPERTIES:  
:CUSTOM_ID: detailed-tasks  
:END:
```

** Working examples

```
:PROPERTIES:  
:CUSTOM_ID: working-examples  
:END:
```

The old GUI examples were unable to be retained since they depended on GTK2 and Python 2's integration with GTK2.

Current GPGME examples so far only include command line tools or basic Python code for use with either Python 2.7 or Python 3.4 and above.

Future GUI examples ought to utilise available GUI modules and libraries supported by Python 3. This may include Qt frameworks, Tkinter, GTK3 or something else entirely.

** Documentation

```
:PROPERTIES:  
:CUSTOM_ID: documentation  
:END:
```

The legacy documentation which no longer applies to the Python bindings has been removed.

Current and future documentation will adhere to the GnuPG standard of using Org Mode and not use the reStructuredText (reST) format more commonly associated with Python documentation. The reasons for this are that this project is best served as shipping with the rest of GPGME and the documentation ought to match that. There are also aspects of Org Mode's publishing features which are superior to the defaults of reST, including the capacity to generate fully validating strict XHTML output.

If reST files are required at a later point for future inclusion with other Python packages, then that format can be generated from the .org files with Pandoc before being leveraged by either Docutils, Sphinx or something else.

While there are some advanced typesetting features of reST which are not directly available to Org Mode, more often than not those features are best implemented with either HTML and CSS, with LaTeX to produce a PDF or via a number of XML solutions. Both reST and Org Mode have multiple paths by which to achieve all of these.

```
from __future__ import absolute_import
```

```

import cython
import gpg

c = gpg.Context()
seckey = c.keylist(pattern=None, secret=True)
pubkey = c.keylist(pattern=None, secret=False)

seclist = list(seckey)
secnum = len(seclist)

publist = list(pubkey)
pubnum = len(publist)

if cython.compiled is True:
    cc = "Powered by Cython compiled C code."
else:
    cc = "Powered by Python."

print("""
    Number of secret keys: {0}
    Number of public keys: {1}

    {2}
    """.format(secnum, pubnum, cc))
\input texinfo @c -*- texinfo -*-
@c %**start of header
@setfilename maintenance-mode.info
@settitle Maintenance Mode
@documentencoding utf-8
@documentlanguage en
@c %**end of header

@finalout
@titlepage
@title Maintenance Mode
@author Ben McGinnes
@end titlepage

@contents

@ifnottex
@node Top
@top Maintenance Mode
@end ifnottex

@menu
* Maintenance Mode from 2019::

```


@detailmenu

--- The Detailed Node Listing ---

Maintenance Mode from 2019

- * Maintainer from 2019 onward::
- * Using the Python Bindings from 2019 and beyond::
- * Documentation formats::

Documentation formats

- * Cautionary Notes regarding Sphinx and EPUB::

@end detailmenu

@end menu

@node Maintenance Mode from 2019

@chapter Maintenance Mode from 2019

@multitable {aaaaaaaaaaaaaaaa} {aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa}

@item Version:

@tab 0.0.1

@item GPGME Version:

@tab 1.13.0

@item Author:

@tab Ben McGinnes <ben@gnupg.org>

@item Author GPG Key:

@tab DB4724E6FA4286C92B4E55C4321E4E2373590E5D

@item Language:

@tab Australian

English, British English

@item xml:lang:

@tab en-AU, en-GB, en

@end multitable

From the beginning of 2019 the Python bindings to GPGME will enter maintenance mode, meaning that new features will not be added and only bug fixes and security fixes will be made. This also means that documentation beyond that existing at the end of 2018 will not be developed further except to correct errors.

Though use of these bindings appears to have been quite well received, there has been no indication of what demand there is, if any for either financial backing of the current Python bindings development or support contracts with g10code GmbH citing the necessity of including the bindings.

@menu

- * Maintainer from 2019 onward::
- * Using the Python Bindings from 2019 and beyond::
- * Documentation formats::

@end menu

@node Maintainer from 2019 onward
@section Maintainer from 2019 onward

How does this affect the position of GnuPG Python Bindings Maintainer?

Well, I will remain as maintainer of the bindings; but without funding for that position, the amount of time I will be able to dedicate solely to this task will be limited and reduced to volunteered time. As with all volunteered time and effort in free software projects, this will be subject to numerous external imperatives.

@node Using the Python Bindings from 2019 and beyond
@section Using the Python Bindings from 2019 and beyond

For most, if not all, Python developers using these bindings; they will continue to just work the same as they always have. Expansions of GPGME itself are usually handled by SWIG with the existing code and thus bindings are generated properly when the bindings are installed alongside GPGME and when the latter is built from source.

In the rare circumstances where that is not enough to address some new addition to GPGME, then that is a bug and thus subject to the maintenance mode provisions (i.e. it will be fixed following a bug report being raised and your humble author will need to remember where the timesheet template was filed, depending on how many years off such an event is).

All the GPGME functionality will continue to be accessible via the lower level, dynamically generated methods which match the GPGME C documentation. While the more intuitively Pythonic higher level layer already covers the vast majority of functionality people require with key generation, signatures, certifications (key signing), encryption, decryption, verification, validation, trust levels and so on.

Any wanted features lacking in the Python bindings are usually lacking because they are missing from GPGME itself (e.g. revoking keys via the API) and in such cases they are usually deliberately excluded. More discussion of these issues can be found in the archives of the [@uref{https://lists.gnupg.org/mailman/listinfo/gnupg-devel, gnupg-devel mailing list}](https://lists.gnupg.org/mailman/listinfo/gnupg-devel).

Any features existing in the dynamically generated layer for which

people want a specific, higher level function included to make it more Pythonic

(e.g. to avoid needing to learn or memorise cryptographic mode values or GnuPG status code numbers), would be a feature request and **not** a bug.

It is still worthwhile requesting it, but the addition of such a feature would not be guaranteed and provided on a purely volunteer basis. Expediting such a request would require funding that request.

Those with a commercial interest in expediting such a feature request already know how to <https://gnupg.org/cgi-bin/procdonate.cgi?mode=preset>, expedite it} (use the message field to state what feature is being requested).

Documentation formats

Documentation formats

The documentation has been written in Org mode for GNU Emacs, with both Texinfo and reStructuredText formats generated from that. The Texinfo files are intended for use with the rest of the GnuPG documentation; while the reStructuredText files are intended for use with Docutils and Sphinx, as with other Python projects.

Cautionary Notes

* Cautionary Notes regarding Sphinx and EPUB::

Cautionary Notes regarding Sphinx and EPUB

Cautionary Notes regarding Sphinx and EPUB

Cautionary Notes regarding Sphinx and EPUB

Though Python's Docutils in conjunction with Sphinx is capable of generating some very useful HTML sites, as proven by <https://readthedocs.org/>, Read the Docs} and the <https://docs.python.org/>, Python documentation}, there are a number of output formats it does not handle well. At the top of the list of things it manages to break so atrociously as to be embarrassing is the <http://idpf.org/epub>, EPUB 3} format.

The automatically generated EPUB of the CPython documentation always contains hundreds of validation errors and even the modest amount of documentation here <https://files.au.adversary.org.s3.amazonaws.com/crypto/gpgme-python/rst/epub/GPGMEPythonBindings.epub>, produced a file} with approximately thirty validation errors. As the volume of documentation content increases, so does the induced errors. Whereas Texinfo doesn't produce EPUB output at all, nor does Org-mode.

Should there ever be genuine demand for this format, lodge a

@uref{https://dev.gnupg.org/maniphest/task/edit/form/4/, feature request} case marked for @uref{https://dev.gnupg.org/p/BenM/, my} attention. The means of generating such files flawlessly is already available, but is not yet part of the GnuPG build system. Nor is it integrated with a means of converting Org mode input files to the relevant base format automatically, as can already be done when converting Org to reStructuredText or Org to Texinfo. As a certain amount of work would be required to get it done, there would need to be clear demand for that work to be done.

@bye

-----BEGIN PGP PUBLIC KEY BLOCK-----

```
mQENBFsMHecBCACqJgqa+CeNYwPCK+MpOwAV6uFVjDyO2LmOs6+XfDWRBU/Zjtz
8zdYnkSbLjkWN4ujV5aiyA7MtEofszsYLEoKUt1wiDScHMPw8qmEFDv19g26MeAV
rTno9D5KodHvEIs8wnrqBs8ix0WLbh6J1Dtt8HQgIbN+v3gaRQrgBFe6z2ZYpHHx
ZfOu3iFKlm2WE/NekRkvvFLo3ApGvRhGIYw6JMmugB1o7s5xosJK0I9dkPGIEEtt
aF1RkcMj8sWG9vHAXcjlGgFfXSN9YLppydXpkuZGm4+gjLB2a3rbQCZVFnxCyG4O
ybjkP8Jw6Udm89bK2ucYFfjdrnYn/nJqRxeNABEBAAG0I1Rlc3QgTm9Qcm1s2S2V5
IDxub2JvZlZlZXAxbHhXbS5ZS5vcmc+iQFOBBMBCAA4FiEE4Fmh4IZtMa4TEXCITZou
EzBBU9EFAlsMHecCGwMFCwkIBwIGFQoJCAasCBBYCAwECHgECF4AACgkQTZouEzBB
U9F+qwf/SHj4uRnTWgyJ71FBxQDYCBq3jbi6e7hMkRPbJyJdnPIMAb2p0PJjBgjW
0pp4+kDPZans3UDHbma1u/SFI4/y6isJiK94Bk5xp5YliLGnUceTjgDFe6lBhfQ1
zVWZC/NF3tPgbziXxQTNt34nS+9dbV/QFDLW0POcN7C0jR/hgkBJMEH2PezWhSj
mL/yLflUYAoxVpXjfC5aPJKqw0tR7m5ibznjCphE+FUMRg8EOmJcg6soeJ5QspU
k2dPN3+Y0zCTNRgAHEI+yIQbM6pio6v2c+UCtT1QhW4xSI38/kcEG8QiM55r1TUy
FcWAY5n5t1nNzTmxxse3LqEon3rKiLkBDQRbDB3nAQgAqfAjSjengERTM+ZYOWn0
QF2v2FuEuMe8mhju7Met7SN2zGv1LnhjTnshEa9IABEfjZirE2Tqx4xCWdwDedK4
u1ToFvcnuAMnq2O47Sh+eTypsf6WPFtPBWf6ctKY31hFXjgoyDBULBv143XU/D9C
Mt7nsKDPYHVrrnge/qWPYVcb+c00sSwNImMcowQSdTQ3VBq7MeNS9ZeBcXi+XCjhN
kjNum2AQqpkHHDQV7871yQ8RIILvZSSfkLb0/SNDU+bGaw2G3lcyKdIfZi2EWWZT
oCbH38I+LV7nAEe4zFpHwW8X0Dkx2aLgxe6UszDH9L3eGhTLpJhOSiaanG+zZKm
+QARAQABiQE2BBgBCAAgFiEE4Fmh4IZtMa4TEXCITZouEzBBU9EFAlsMHecCGwwA
CgkQTZouEzBBU9H5TQgAolWvIsez/WW8N2tmZEnX0LOFNb+1S4L4X983njwNdoVI
w19pbj+8RIHF/H9kcPGi7jK96gvlykQn3uez/95D2AiRfW5KYdOouFisKgHpv8Ay
BrhclHv11yK+X/OiT0scYaG7np5162xLkaxSO9hsz2fgv20RKaXCWkI69fWw0BR
XII5pZh2YFei2ZhH/tIMIw65h3w0gtgaZBBdpZTOOW4zvghyN+0MSObqkI1BvUJU
caDFI4d6ZTmp5SY+pZyktZ4bg/vMH5VFXdIKgbLx9uVeTvOupvbAWOTNulYGUBQE
nm+S0zr3W18t64e4sS3oHse8zCqo1iiImpba6F1Oaw==
```

=y6DD

-----END

PGP PUBLIC KEY BLOCK-----

00~0

*H

0k10 UDE10U

Dsseldorf10U

g10 Code GmbH10UAegypten Project10Utest cert 10

011203093638Z

021203093638Z0k10 UDE10U

Dsseldorf10U

g10 Code GmbH10UAegypten Project10Utest cert 100

*H

0l+Pu.\-ZT\$e'nE&h4<}BePm[%j-/-7PcHKi@FKy~npcd\${]K~Q00U37Tq8_eK40U#037Tq8_eK4om0k10 UDE10U

Dsseldorf10U

g10 Code GmbH10UAegypten Project10Utest cert 10U00

*H

l8gD Z

wYL,M'j

pk2pf[L ;Rl}#h\$~O!9;3e\A'v&P^\$'Oc.-TS~A>:fQY<

;;; gpgme.lisp

;;; Copyright (C) 2006 g10 Code GmbH

;;;

;;; This file is part of GPGME-CL.

;;;

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;;; 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.

;;;

;;; GPGME-CL 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

;;; Lesser General Public License for more details.

;;;

;;; You should have received a copy of the GNU General Public License

;;; along with GPGME; if not, write to the Free Software Foundation,

;;; Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

;;; TODO

;;; Set up the library.

(in-package :gpgme)

(deftype byte-array ()

'(simple-array (unsigned-byte 8) (*)))

(deftype character-array ()

'(simple-array character (*)))

;;;

Debugging.

```
(defvar *debug* nil "If debugging output should be given or not.")
```

```
;;; Load the foreign library.
```

```
(define-foreign-library libgpgme  
  (:unix "libgpgme.so")  
  (t (:default "libgpgme")))
```

```
(use-foreign-library libgpgme)
```

```
;;; System dependencies.
```

```
; Access to ERRNO.
```

```
(defcfun ("strerror" c-strerror) :string  
  (err :int))
```

```
(defun get-errno ()  
  *errno*)
```

```
(defun set-errno (errno)  
  (setf *errno* errno))
```

```
(define-condition system-error (error)  
  ((errno :initarg :errno :reader system-error-errno))  
  (:report (lambda (c stream)  
             (format stream "System error: ~A: ~A"  
                       (system-error-errno c)  
                       (c-strerror (system-error-errno c))))))  
  (:documentation "Signalled when an errno is encountered."))
```

```
; Needed to write passphrases.
```

```
(defcfun ("write" c-write) ssize-t  
  (fd :int)  
  (buffer :string) ; Actually :pointer, but we only need string.  
  (size size-t))
```

```
(defun system-write (fd buffer size)  
  (let ((res (c-write fd buffer size)))  
    (when (< res 0) (error 'system-error  
                          :errno (get-errno)))  
    res))
```

```
;;;
```

```
;;; C Interface Definitions
```

```
;;;
```

```
;;; Data Type Interface
```

::: Some new data types used for easier translation.

::: The number of include certs. Translates to NIL for default.

```
(defctype cert-int-t
  (:wrapper :int
   :from-c translate-cert-int-t-from-foreign
   :to-c translate-cert-int-t-to-foreign))
```

::: A string that may be NIL to indicate a null pointer.

```
(defctype string-or-nil-t
  (:wrapper :string
   :to-c translate-string-or-nil-t-to-foreign))
```

::: Some opaque data types used by GPGME.

```
(defctype gpgme-ctx-t
  (:wrapper :pointer
   :to-c translate-gpgme-ctx-t-to-foreign)
  "The GPGME context type.")
```

```
(defctype gpgme-data-t
  (:wrapper :pointer
   :to-c translate-gpgme-data-t-to-foreign)
  "The GPGME data object type.")
```

::: Wrappers for the libgpg-error library.

```
(defctype gpgme-error-t
  (:wrapper gpg-error::gpg-error-t
   :from-c translate-gpgme-error-t-from-foreign
   :to-c translate-gpgme-error-t-to-foreign)
  "The
  GPGME error type.")
```

```
(defctype gpgme-error-no-signal-t
  (:wrapper gpg-error::gpg-error-t
   :from-c translate-gpgme-error-no-signal-t-from-foreign)
  "The GPGME error type (this version does not signal conditions in translation).")
```

```
(defctype gpgme-err-code-t gpg-error::gpg-err-code-t
  "The GPGME error code type.")
```

```
(defctype gpgme-err-source-t gpg-error::gpg-err-source-t
  "The GPGME error source type.")
```

```
(defun gpgme-err-make (source code)
  "Construct an error value from an error code and source."
  (gpg-err-make source code))
```

```

(defun gpgme-error (code)
  "Construct an error value from an error code."
  (gpgme-err-make :gpg-err-source-gpgme code))

(defun gpgme-err-code (err)
  "Retrieve an error code from the error value ERR."
  (gpg-err-code err))

(defun gpgme-err-source (err)
  "Retrieve an error source from the error value ERR."
  (gpg-err-source err))

(defun gpgme-strerror (err)
  "Return a string containing a description of the error code."
  (gpg-strerror err))

(defun
  gpgme-strsource (err)
  "Return a string containing a description of the error source."
  (gpg-strsource err))

(defun gpgme-err-code-from-errno (err)
  "Retrieve the error code for the system error. If the system error
  is not mapped, :gpg-err-unknown-errno is returned."
  (gpg-err-code-from-errno err))

(defun gpgme-err-code-to-errno (code)
  "Retrieve the system error for the error code. If this is not a
  system error, 0 is returned."
  (gpg-err-code-to-errno code))

(defun gpgme-err-make-from-errno (source err)
  (gpg-err-make-from-errno source err))

(defun gpgme-error-from-errno (err)
  (gpg-error-from-errno err))

;;;

(defcenum gpgme-data-encoding-t
  "The possible encoding mode of gpgme-data-t objects."
  (:none 0)
  (:binary 1)
  (:base64 2)
  (:armor 3)
  (:url 4)
  (:urlesc 5))

```


(:url0 6)
(:mime 7))

:::

(defcenum gpgme-pubkey-algo-t
"Public key algorithms from libgcrypt."

(:rsa 1)
(:rsa-e 2)
(:rsa-s 3)
(:elg-e 16)
(:dsa 17)
(:ecc 18)
(:elg 20)
(:ecdsa 301)
(:ecdh 302)
(:eddsa 303))

(defcenum gpgme-hash-algo-t
"Hash algorithms from libgcrypt."

(:none 0)
(:md5 1)
(:sha1 2)
(:rmd160 3)
(:md2 5)
(:tiger 6)
(:haval 7)
(:sha256 8)
(:sha384 9)
(:sha512 10)
(:sha224 11)
(:md4 301)
(:crc32 302)
(:crc32-rfc1510 303)
(:crc24-rfc2440 304))

:::

(defcenum gpgme-sig-mode-t
"The available signature modes."

(:none 0)
(:detach 1)
(:clear 2))

:::

(defcenum gpgme-validity-t
"The available validities for a trust item or key."

```
(:unknown 0)
(:undefined 1)
(:never 2)
(:marginal 3)
(:full 4)
(:ultimate 5))
```

```
:::
```

```
(defcenum gpgme-protocol-t
```

```
"The available protocols."
```

```
(:openpgp 0)
(:cms 1)
(:gpgconf 2)
(:assuan 3)
(:g13 4)
(:uiserver 5)
(:spawn 6)
(:default 254)
(:unknown 255))
```

```
:::
```

```
(defbitfield (gpgme-keylist-mode-t :unsigned-int)
```

```
"The available keylist mode flags."
```

```
(:local 1)
(:extern 2)
(:sigs 4)
(:sig-notations)
(:with-secret 16)
(:with-tofu 32)
(:ephemeral
128)
(:validate 256))
```

```
:::
```

```
(defbitfield (gpgme-sig-notation-flags-t :unsigned-int)
```

```
"The available signature notation flags."
```

```
(:human-readable 1)
(:critical 2))
```

```
(defctype gpgme-sig-notation-t
```

```
(:wrapper :pointer
```

```
:from-c translate-gpgme-sig-notation-t-from-foreign)
```

```
"Signature notation pointer type.")
```

```
::: FIXME: Doesn't this depend on endianness?
```

```
(defbitfield (gpgme-sig-notation-bitfield :unsigned-int)
 (:human-readable 1)
 (:critical 2))
```

```
(defcstruct gpgme-sig-notation
 "Signature notations."
 (next gpgme-sig-notation-t)
 (name :pointer)
 (value :pointer)
 (name-len :int)
 (value-len :int)
 (flags gpgme-sig-notation-flags-t)
 (bitfield gpgme-sig-notation-bitfield))
```

```
;;;
```

```
(defcenum gpgme-status-code-t
 "The possible status codes for the edit operation."
 (:eof 0)
 (:enter 1)
 (:leave 2)
 (:abort 3)
 (:goodsig 4)
 (:badsig 5)
 (:errsig 6)
 (:badarmor 7)
 (:rsa-or-idea 8)
 (:keyexpired 9)
 (:keyrevoked 10)
 (:trust-undefined 11)
 (:trust-never
 12)
 (:trust-marginal 13)
 (:trust-fully 14)
 (:trust-ultimate 15)
 (:shm-info 16)
 (:shm-get 17)
 (:shm-get-bool 18)
 (:shm-get-hidden 19)
 (:need-passphrase 20)
 (:validsig 21)
 (:sig-id 22)
 (:enc-to 23)
 (:nodata 24)
 (:bad-passphrase 25)
 (:no-pubkey 26)
 (:no-seckey 27)
 (:need-passphrase-sym 28))
```

(:decryption-failed 29)
(:decryption-okay 30)
(:missing-passphrase 31)
(:good-passphrase 32)
(:goodmdc 33)
(:badmdc 34)
(:errmdc 35)
(:imported 36)
(:import-ok 37)
(:import-problem 38)
(:import-res 39)
(:file-start 40)
(:file-done 41)
(:file-error 42)
(:begin-decryption 43)
(:end-decryption 44)
(:begin-encryption 45)
(:end-encryption 46)
(:delete-problem 47)
(:get-bool 48)
(:get-line 49)
(:get-hidden 50)
(:got-it 51)
(:progress 52)
(:sig-created 53)
(:session-key 54)
(:notation-name 55)
(:notation-data 56)
(:policy-url 57)
(:begin-stream 58)
(:end-stream 59)
(:key-created 60)
(:userid-hint 61)
(:unexpected
62)
(:inv-recp 63)
(:no-recp 64)
(:already-signed 65)
(:sigexpired 66)
(:expsig 67)
(:expkeysig 68)
(:truncated 69)
(:error 70)
(:newsig 71)
(:revkeysig 72)
(:sig-subpacket 73)
(:need-passphrase-pin 74)
(:sc-op-failure 75)

```
(:sc-op-success 76)
(:cardctrl 77)
(:backup-key-created 78)
(:pka-trust-bad 79)
(:pka-trust-good 80)
(:plaintext 81)
(:inv-sgnr 82)
(:no-sgnr 83)
(:success 84)
(:decryption-info 85)
(:plaintext-length 86)
(:mountpoint 87)
(:pinentry-launched 88)
(:attribute 89)
(:begin-signing 90)
(:key-not-created 91)
(:inquire-maxlen 92)
(:failure 93)
(:key-considered 94)
(:tofu-user 95)
(:tofu-stats 96)
(:tofu-stats-long 97)
(:notation-flags 98)
(:decryption-compliance-mode 99)
(:verification-compliance-mode 100))
```

```
;;;
```

```
(defctype gpgme-engine-info-t
  (:wrapper :pointer
   :from-c translate-gpgme-engine-info-t-to-foreign)
  "The engine information structure pointer type.")
```

```
(defcstruct gpgme-engine-info
  "Engine information."
  (next gpgme-engine-info-t)
  (protocol gpgme-protocol-t)
  (file-name :string)
  (version :string)
  (req-version :string)
  (home-dir :string))
```

```
;;;
```

```
(defctype gpgme-subkey-t
  (:wrapper :pointer
   :from-c translate-gpgme-subkey-t-from-foreign)
  "A subkey from a key.")
```

```
:: FIXME: Doesn't this depend on endianness?
(defbitfield (gpgme-subkey-bitfield :unsigned-int)
  "The subkey bitfield."
  (:revoked 1)
  (:expired 2)
  (:disabled 4)
  (:invalid 8)
  (:can-encrypt 16)
  (:can-sign 32)
  (:can-certify 64)
  (:secret 128)
  (:can-authenticate 256)
  (:is-qualified 512)
  (:is-cardkey 1024)
  (:is-de-vs 2048))
```

```
(defcstruct gpgme-subkey
  "Subkey from a key."
  (next gpgme-subkey-t)
  (bitfield gpgme-subkey-bitfield)
  (pubkey-algo gpgme-pubkey-algo-t)
  (length :unsigned-int)
  (keyid :string)
  (-keyid :char :count 17)
  (fpr :string)
  (timestamp :long)
  (expires :long))
```

```
(defctype gpgme-key-sig-t
  (:wrapper :pointer
   :from-c translate-gpgme-key-sig-t-from-foreign)
  "A signature on a user ID.")
```

```
:: FIXME: Doesn't this depend on endianness?
(defbitfield (gpgme-key-sig-bitfield :unsigned-int)
  "The key signature bitfield."
  (:revoked 1)
  (:expired 2)
  (:invalid 4)
  (:exportable 16))
```

```
(defcstruct gpgme-key-sig
  "A signature on a user ID."
  (next gpgme-key-sig-t)
  (bitfield gpgme-key-sig-bitfield)
  (pubkey-algo gpgme-pubkey-algo-t))
```

```

(keyid :string)
(-keyid :char :count 17)
(timestamp :long)
(expires :long)
(status gpgme-error-no-signal-t)
(-class :unsigned-int)
(uid :string)
(name :string)
(email :string)
(comment :string)
(sig-class :unsigned-int))

(defctype gpgme-user-id-t
  (:wrapper :pointer
   :from-c translate-gpgme-user-id-t-from-foreign)
  "A user ID from a key.")

;; FIXME: Doesn't this depend on endianness?
(defbitfield (gpgme-user-id-bitfield :unsigned-int)
  "The user ID bitfield."
  (:revoked 1)
  (:invalid 2))

(defcstruct gpgme-user-id
  "A user ID from a key."
  (next
   gpgme-user-id-t)
  (bitfield gpgme-user-id-bitfield)
  (validity gpgme-validity-t)
  (uid :string)
  (name :string)
  (email :string)
  (comment :string)
  (signatures gpgme-key-sig-t)
  (-last-keysig gpgme-key-sig-t))

(defctype gpgme-key-t
  (:wrapper :pointer
   :from-c translate-gpgme-key-t-from-foreign
   :to-c translate-gpgme-key-t-to-foreign)
  "A key from the keyring.")

;; FIXME: Doesn't this depend on endianness?
(defbitfield (gpgme-key-bitfield :unsigned-int)
  "The key bitfield."
  (:revoked 1)

```

```
(:expired 2)
(:disabled 4)
(:invalid 8)
(:can-encrypt 16)
(:can-sign 32)
(:can-certify 64)
(:secret 128)
(:can-authenticate 256)
(:is-qualified 512))
```

```
(defcstruct gpgme-key
  "A signature on a user ID."
  (-refs :unsigned-int)
  (bitfield gpgme-key-bitfield)
  (protocol gpgme-protocol-t)
  (issuer-serial :string)
  (issuer-name :string)
  (chain-id :string)
  (owner-trust gpgme-validity-t)
  (subkeys gpgme-subkey-t)
  (uids gpgme-user-id-t)
  (-last-subkey gpgme-subkey-t)
  (-last-uid gpgme-user-id-t)
  (keylist-mode gpgme-keylist-mode-t))
```

```
:::
```

```
::: There is no support in CFFI to define callback C types and have
::: automatic type checking with the callback definition.
```

```
(defctype gpgme-passphrase-cb-t :pointer)
```

```
(defctype gpgme-progress-cb-t :pointer)
```

```
(defctype gpgme-edit-cb-t :pointer)
```

```
:::
```

```
::: Function Interface
```

```
:::
```

```
::: Context management functions.
```

```
(defcfun ("gpgme_new" c-gpgme-new) gpgme-error-t
  (ctx :pointer))
```

```
(defcfun ("gpgme_release" c-gpgme-release) :void
  (ctx gpgme-ctx-t))
```



```

(defcfun ("gpgme_set_protocol" c-gpgme-set-protocol) gpgme-error-t
  (ctx gpgme-ctx-t)
  (proto gpgme-protocol-t))

(defcfun ("gpgme_get_protocol" c-gpgme-get-protocol) gpgme-protocol-t
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_get_protocol_name" c-gpgme-get-protocol-name) :string
  (proto gpgme-protocol-t))

(defcfun ("gpgme_set_armor" c-gpgme-set-armor) :void
  (ctx gpgme-ctx-t)
  (yes :boolean))

(defcfun ("gpgme_get_armor" c-gpgme-get-armor) :boolean
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_set_textmode" c-gpgme-set-textmode) :void
  (ctx gpgme-ctx-t)
  (yes :boolean))

(defcfun ("gpgme_get_textmode" c-gpgme-get-textmode) :boolean
  (ctx gpgme-ctx-t))

(defconstant +include-certs-default+ -256)

(defcfun ("gpgme_set_include_certs" c-gpgme-set-include-certs) :void
  (ctx gpgme-ctx-t)
  (nr-of-certs cert-int-t))

(defcfun ("gpgme_get_include_certs" c-gpgme-get-include-certs) cert-int-t
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_set_keylist_mode" c-gpgme-set-keylist-mode) gpgme-error-t
  (ctx gpgme-ctx-t)
  (mode gpgme-keylist-mode-t))

(defcfun ("gpgme_get_keylist_mode" c-gpgme-get-keylist-mode)
  gpgme-keylist-mode-t
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_set_passphrase_cb" c-gpgme-set-passphrase-cb) :void
  (ctx gpgme-ctx-t)
  (cb gpgme-passphrase-cb-t)
  (hook-value :pointer))

(defcfun ("gpgme_get_passphrase_cb" c-gpgme-get-passphrase-cb) :void

```

```

(ctx gpgme-ctx-t)
(cb-p :pointer)
(hook-value-p :pointer))

(defcfun ("gpgme_set_progress_cb"
c-gpgme-set-progress-cb) :void
(ctx gpgme-ctx-t)
(cb gpgme-progress-cb-t)
(hook-value :pointer))

(defcfun ("gpgme_get_progress_cb" c-gpgme-get-progress-cb) :void
(ctx gpgme-ctx-t)
(cb-p :pointer)
(hook-value-p :pointer))

(defcfun ("gpgme_set_locale" c-gpgme-set-locale) gpgme-error-t
(ctx gpgme-ctx-t)
(category :int)
(value string-or-nil-t))

(defcfun ("gpgme_ctx_get_engine_info" c-gpgme-ctx-get-engine-info)
gpgme-engine-info-t
(ctx gpgme-ctx-t))

(defcfun ("gpgme_ctx_set_engine_info" c-gpgme-ctx-set-engine-info)
gpgme-error-t
(ctx gpgme-ctx-t)
(proto gpgme-protocol-t)
(file-name string-or-nil-t)
(home-dir string-or-nil-t))

;;;

(defcfun ("gpgme_pubkey_algo_name" c-gpgme-pubkey-algo-name) :string
(algo gpgme-pubkey-algo-t))

(defcfun ("gpgme_hash_algo_name" c-gpgme-hash-algo-name) :string
(algo gpgme-hash-algo-t))

;;;

(defcfun ("gpgme_signers_clear" c-gpgme-signers-clear) :void
(ctx gpgme-ctx-t))

(defcfun ("gpgme_signers_add" c-gpgme-signers-add)
gpgme-error-t
(ctx gpgme-ctx-t)
(key gpgme-key-t))

```

```

(defcfun ("gpgme_signers_enum" c-gpgme-signers-enum) gpgme-key-t
  (ctx gpgme-ctx-t)
  (seq :int))

;;;

(defcfun ("gpgme_sig_notation_clear" c-gpgme-sig-notation-clear) :void
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_sig_notation_add" c-gpgme-sig-notation-add) gpgme-error-t
  (ctx gpgme-ctx-t)
  (name :string)
  (value string-or-nil-t)
  (flags gpgme-sig-notation-flags-t))

(defcfun ("gpgme_sig_notation_get" c-gpgme-sig-notation-get)
  gpgme-sig-notation-t
  (ctx gpgme-ctx-t))

;;; Run Control.

;;; There is no support in CFFI to define callback C types and have
;;; automatic type checking with the callback definition.

(defctype gpgme-io-cb-t :pointer)

(defctype gpgme-register-io-cb-t :pointer)

(defctype gpgme-remove-io-cb-t :pointer)

(defcenum gpgme-event-io-t
  "The possible events on I/O event callbacks."
  (:start 0)
  (:done 1)
  (:next-key 2)
  (:next-trustitem 3))

(defctype gpgme-event-io-cb-t :pointer)

(defcstruct
  gpgme-io-cbs
  "I/O callbacks."
  (add gpgme-register-io-cb-t)
  (add-priv :pointer)
  (remove gpgme-remove-io-cb-t)
  (event gpgme-event-io-cb-t)
  (event-priv :pointer))

```

```

(defctype gpgme-io-cbs-t :pointer)

(defcfun ("gpgme_set_io_cbs" c-gpgme-set-io-cbs) :void
  (ctx gpgme-ctx-t)
  (io-cbs gpgme-io-cbs-t))

(defcfun ("gpgme_get_io_cbs" c-gpgme-get-io-cbs) :void
  (ctx gpgme-ctx-t)
  (io-cbs gpgme-io-cbs-t))

(defcfun ("gpgme_wait" c-gpgme-wait) gpgme-ctx-t
  (ctx gpgme-ctx-t)
  (status-p :pointer)
  (hang :int))

```

;;; Functions to handle data objects.

;;; There is no support in CFFI to define callback C types and have
 ;;; automatic type checking with the callback definition.

```

(defctype gpgme-data-read-cb-t :pointer)
(defctype gpgme-data-write-cb-t :pointer)
(defctype gpgme-data-seek-cb-t :pointer)
(defctype gpgme-data-release-cb-t :pointer)

(defcstruct gpgme-data-cbs
  "Data callbacks."
  (read gpgme-data-read-cb-t)
  (write gpgme-data-write-cb-t)
  (seek gpgme-data-seek-cb-t)
  (release gpgme-data-release-cb-t))

(defctype gpgme-data-cbs-t :pointer
  "Data callbacks pointer.")

(defcfun ("gpgme_data_read" c-gpgme-data-read) ssize-t
  (dh gpgme-data-t)
  (buffer :pointer)
  (size size-t))

(defcfun ("gpgme_data_write" c-gpgme-data-write) ssize-t
  (dh gpgme-data-t)
  (buffer :pointer)
  (size size-t))

(defcfun ("gpgme_data_seek" c-gpgme-data-seek) off-t
  (dh gpgme-data-t)

```

```

(offset off-t)
(whence :int))

(defcfun ("gpgme_data_new" c-gpgme-data-new) gpgme-error-t
  (dh-p :pointer))

(defcfun ("gpgme_data_release" c-gpgme-data-release) :void
  (dh gpgme-data-t))

(defcfun ("gpgme_data_new_from_mem" c-gpgme-data-new-from-mem) gpgme-error-t
  (dh-p :pointer)
  (buffer :pointer)
  (size size-t)
  (copy :int))

(defcfun ("gpgme_data_release_and_get_mem" c-gpgme-data-release-and-get-mem)
  :pointer
  (dh gpgme-data-t)
  (len-p :pointer))

(defcfun ("gpgme_data_new_from_cbs" c-gpgme-data-new-from-cbs) gpgme-error-t
  (dh-p :pointer)
  (cbs gpgme-data-cbs-t)
  (handle :pointer))

(defcfun ("gpgme_data_new_from_fd" c-gpgme-data-new-from-fd) gpgme-error-t
  (dh-p :pointer)
  (fd :int))

(defcfun ("gpgme_data_new_from_stream" c-gpgme-data-new-from-stream)
  gpgme-error-t
  (dh-p :pointer)
  (stream :pointer))

(defcfun ("gpgme_data_get_encoding" c-gpgme-data-get-encoding)
  gpgme-data-encoding-t
  (dh gpgme-data-t))

(defcfun ("gpgme_data_set_encoding" c-gpgme-data-set-encoding)
  gpgme-error-t
  (dh gpgme-data-t)
  (enc gpgme-data-encoding-t))

(defcfun ("gpgme_data_get_file_name" c-gpgme-data-get-file-name) :string
  (dh gpgme-data-t))

(defcfun ("gpgme_data_set_file_name" c-gpgme-data-set-file-name) gpgme-error-t
  (dh gpgme-data-t))

```

```

(file-name string-or-nil-t))

(defun ("gpgme_data_new_from_file" c-gpgme-data-new-from-file) gpgme-error-t
  (dh-p :pointer)
  (fname :string)
  (copy :int))

(defun ("gpgme_data_new_from_filepart" c-gpgme-data-new-from-filepart)
  gpgme-error-t
  (dh-p :pointer)
  (fname :string)
  (fp
   :pointer)
  (offset off-t)
  (length size-t))

;;; Key and trust functions.

(defun ("gpgme_get_key" c-gpgme-get-key) gpgme-error-t
  (ctx gpgme-ctx-t)
  (fpr :string)
  (key-p :pointer)
  (secret :boolean))

(defun ("gpgme_key_ref" c-gpgme-key-ref) :void
  (key gpgme-key-t))

(defun ("gpgme_key_unref" c-gpgme-key-unref) :void
  (key gpgme-key-t))

;;; Crypto operations.

(defun ("gpgme_cancel" c-gpgme-cancel) gpgme-error-t
  (ctx gpgme-ctx-t))

;;;

(defctype gpgme-invalid-key-t
  (:wrapper :pointer
   :from-c translate-gpgme-invalid-key-t-from-foreign)
  "An invalid key structure.")

(defcstruct gpgme-invalid-key
  "An invalid key structure."
  (next gpgme-invalid-key-t)
  (fpr :string)
  (reason gpgme-error-no-signal-t))

```

::: Encryption.

```
(defcstruct gpgme-op-encrypt-result
  "Encryption result structure."
  (invalid-recipients gpgme-invalid-key-t))
```

```
(defctype gpgme-op-encrypt-result-t
  (:wrapper :pointer
   :from-c translate-gpgme-op-encrypt-result-t-from-foreign)
  "An encryption result structure.")
```

```
(defcfun ("gpgme_op_encrypt_result" c-gpgme-op-encrypt-result)
  gpgme-op-encrypt-result-t
  (ctx gpgme-ctx-t))
```

```
(defbitfield gpgme-encrypt-flags-t
  (:always-trust 1)
  (:no-encrypt-to 2)
  (:prepare 4)
  (:expect-sign 8)
  (:no-compress 16)
  (:symmetric 32)
  (:throw-keyids 64)
  (:wrap 128)
  (:want-address 256))
```

```
(defcfun ("gpgme_op_encrypt_start" c-gpgme-op-encrypt-start) gpgme-error-t
  (ctx gpgme-ctx-t)
  (recp :pointer) ; Key array.
  (flags gpgme-encrypt-flags-t)
  (plain gpgme-data-t)
  (cipher gpgme-data-t))
```

```
(defcfun ("gpgme_op_encrypt" c-gpgme-op-encrypt) gpgme-error-t
  (ctx gpgme-ctx-t)
  (recp :pointer) ; Key array.
  (flags gpgme-encrypt-flags-t)
  (plain gpgme-data-t)
  (cipher gpgme-data-t))
```

```
(defcfun ("gpgme_op_encrypt_sign_start" c-gpgme-op-encrypt-sign-start)
  gpgme-error-t
  (ctx gpgme-ctx-t)
  (recp :pointer) ; Key array.
  (flags gpgme-encrypt-flags-t)
  (plain gpgme-data-t)
  (cipher gpgme-data-t))
```

```
(defcfun ("gpgme_op_encrypt_sign"
  c-gpgme-op-encrypt-sign) gpgme-error-t
  (ctx gpgme-ctx-t)
  (recp :pointer) ; Key array.
  (flags gpgme-encrypt-flags-t)
  (plain gpgme-data-t)
  (cipher gpgme-data-t))
```

;;; Decryption.

```
(defctype gpgme-recipient-t
  (:wrapper :pointer
   :from-c translate-gpgme-recipient-t-from-foreign)
  "A recipient structure.")
```

```
(defcstruct gpgme-recipient
  "Recipient structure."
  (next gpgme-recipient-t)
  (keyid :string)
  (-keyid :char :count 17)
  (pubkey-algo gpgme-pubkey-algo-t)
  (status gpgme-error-no-signal-t))
```

```
(defbitfield gpgme-op-decrypt-result-bitfield
  "Decryption result structure bitfield."
  (:wrong-key-usage 1)
  (:is-de-vs 2)
  (:is-mine 4))
```

```
(defcstruct gpgme-op-decrypt-result
  "Decryption result structure."
  (unsupported-algorithm :string)
  (bitfield gpgme-op-decrypt-result-bitfield)
  (recipients gpgme-recipient-t)
  (file-name :string))
```

```
(defctype gpgme-op-decrypt-result-t
  (:wrapper :pointer
   :from-c translate-gpgme-op-decrypt-result-t-from-foreign)
  "A decryption result structure.")
```

```
(defcfun ("gpgme_op_decrypt_result" c-gpgme-op-decrypt-result)
  gpgme-op-decrypt-result-t
  (ctx gpgme-ctx-t))
```

```
(defcfun ("gpgme_op_decrypt_start" c-gpgme-op-decrypt-start) gpgme-error-t
  (ctx gpgme-ctx-t)
  (cipher gpgme-data-t))
```



```
(plain gpgme-data-t))
```

```
(defcfun ("gpgme_op_decrypt" c-gpgme-op-decrypt) gpgme-error-t  
  (ctx gpgme-ctx-t)  
  (cipher gpgme-data-t)  
  (plain gpgme-data-t))
```

```
(defcfun ("gpgme_op_decrypt_verify_start" c-gpgme-op-decrypt-verify-start)  
  gpgme-error-t  
  (ctx gpgme-ctx-t)  
  (cipher gpgme-data-t)  
  (plain gpgme-data-t))
```

```
(defcfun ("gpgme_op_decrypt_verify" c-gpgme-op-decrypt-verify) gpgme-error-t  
  (ctx gpgme-ctx-t)  
  (cipher gpgme-data-t)  
  (plain gpgme-data-t))
```

```
::: Signing.
```

```
(defctype gpgme-new-signature-t  
  (:wrapper :pointer  
   :from-c translate-gpgme-new-signature-t-from-foreign)  
  "A new signature structure.")
```

```
(defcstruct gpgme-new-signature  
  "New signature structure."  
  (next gpgme-new-signature-t)  
  (type gpgme-sig-mode-t)  
  (pubkey-algo gpgme-pubkey-algo-t)  
  (hash-algo gpgme-hash-algo-t)  
  (-obsolete-class :unsigned-long)  
  (timestamp :long)  
  (fpr :string)  
  (-obsolete-class-2 :unsigned-int)  
  (sig-class :unsigned-int))
```

```
(defcstruct gpgme-op-sign-result  
  "Signing result structure."  
  (invalid-signers gpgme-invalid-key-t)  
  (signatures gpgme-new-signature-t))
```

```
(defctype gpgme-op-sign-result-t  
  (:wrapper :pointer  
   :from-c translate-gpgme-op-sign-result-t-from-foreign)  
  "A signing result structure.")
```

```
(defcfun ("gpgme_op_sign_result" c-gpgme-op-sign-result)
```

```

    gpgme-op-sign-result-t
    (ctx gpgme-ctx-t))

(defcfun ("gpgme_op_sign_start" c-gpgme-op-sign-start) gpgme-error-t
  (ctx gpgme-ctx-t)
  (plain gpgme-data-t)
  (sig gpgme-data-t)
  (mode gpgme-sig-mode-t))

(defcfun ("gpgme_op_sign" c-gpgme-op-sign) gpgme-error-t
  (ctx gpgme-ctx-t)
  (plain gpgme-data-t)
  (sig gpgme-data-t)
  (mode gpgme-sig-mode-t))

;; Verify.

(defbitfield (gpgme-sigsum-t :unsigned-int)
  "Flags
used for the summary field in a gpgme-signature-t."
  (:valid #x0001)
  (:green #x0002)
  (:red #x0004)
  (:key-revoked #x0010)
  (:key-expired #x0020)
  (:sig-expired #x0040)
  (:key-missing #x0080)
  (:crl-missing #x0100)
  (:crl-too-old #x0200)
  (:bad-policy #x0400)
  (:sys-error #x0800)
  (:tofu-conflict #x1000))

(defctype gpgme-signature-t
  (:wrapper :pointer
   :from-c translate-gpgme-signature-t-from-foreign)
  "A signature structure.")

;; FIXME: Doesn't this depend on endianness?
(defbitfield (gpgme-signature-bitfield :unsigned-int)
  "The signature bitfield."
  (:wrong-key-usage 1)
  (:pka-trust 2)
  (:chain-model 4)
  (:is-de-vs 8))

(defcstruct gpgme-signature
  "Signature structure."

```

```

(next gpgme-signature-t)
(summary gpgme-sigsum-t)
(fpr :string)
(status gpgme-error-no-signal-t)
(notations gpgme-sig-notation-t)
(timestamp :unsigned-long)
(exp-timestamp :unsigned-long)
(bitfield gpgme-signature-bitfield)
(Validity gpgme-validity-t)
(Validity-reason
 gpgme-error-no-signal-t)
(pubkey-algo gpgme-pubkey-algo-t)
(hash-algo gpgme-hash-algo-t))

(defcstruct gpgme-op-verify-result
 "Verify result structure."
 (signatures gpgme-signature-t)
 (file-name :string))

(defctype gpgme-op-verify-result-t
 (:wrapper :pointer
 :from-c translate-gpgme-op-verify-result-t-from-foreign)
 "A verify result structure.")

(defcfun ("gpgme_op_verify_result" c-gpgme-op-verify-result)
 gpgme-op-verify-result-t
 (ctx gpgme-ctx-t))

(defcfun ("gpgme_op_verify_start" c-gpgme-op-verify-start) gpgme-error-t
 (ctx gpgme-ctx-t)
 (sig gpgme-data-t)
 (signed-text gpgme-data-t)
 (plaintext gpgme-data-t))

(defcfun ("gpgme_op_verify" c-gpgme-op-verify) gpgme-error-t
 (ctx gpgme-ctx-t)
 (sig gpgme-data-t)
 (signed-text gpgme-data-t)
 (plaintext gpgme-data-t))

;;; Import.

(defbitfield (gpgme-import-flags-t :unsigned-int)
 "Flags used for the import status field."
 (:new #x0001)
 (:uid #x0002)
 (:sig #x0004)
 (:subkey #x0008))

```

```

(:secret
 #x0010))

(defctype gpgme-import-status-t
  (:wrapper :pointer
   :from-c translate-gpgme-import-status-t-from-foreign)
  "An import status structure.")

(defcstruct gpgme-import-status
  "New import status structure."
  (next gpgme-import-status-t)
  (fpr :string)
  (result gpgme-error-no-signal-t)
  (status :unsigned-int))

(defcstruct gpgme-op-import-result
  "Import result structure."
  (considered :int)
  (no-user-id :int)
  (imported :int)
  (imported-rsa :int)
  (unchanged :int)
  (new-user-ids :int)
  (new-sub-keys :int)
  (new-signatures :int)
  (new-revocations :int)
  (secret-read :int)
  (secret-imported :int)
  (secret-unchanged :int)
  (skipped-new-keys :int)
  (not-imported :int)
  (imports gpgme-import-status-t))

(defctype gpgme-op-import-result-t
  (:wrapper :pointer
   :from-c translate-gpgme-op-import-result-t-from-foreign)
  "An import status result structure.")

(defcfun ("gpgme_op_import_result" c-gpgme-op-import-result)
  gpgme-op-import-result-t
  (ctx gpgme-ctx-t))

(defcfun ("gpgme_op_import_start" c-gpgme-op-import-start) gpgme-error-t
  (ctx gpgme-ctx-t)
  (keydata gpgme-data-t))

(defcfun ("gpgme_op_import" c-gpgme-op-import) gpgme-error-t
  (ctx gpgme-ctx-t))

```

```
(keydata gpgme-data-t))
```

```
::: Export.
```

```
(defcfun ("gpgme_op_export_start" c-gpgme-op-export-start) gpgme-error-t  
  (ctx gpgme-ctx-t)  
  (pattern :string)  
  (reserved :unsigned-int)  
  (keydata gpgme-data-t))
```

```
(defcfun ("gpgme_op_export" c-gpgme-op-export) gpgme-error-t  
  (ctx gpgme-ctx-t)  
  (pattern :string)  
  (reserved :unsigned-int)  
  (keydata gpgme-data-t))
```

```
::: FIXME: Extended export interfaces require array handling.
```

```
::: Key generation.
```

```
(defbitfield (gpgme-genkey-flags-t :unsigned-int)  
  "Flags used for the key generation result bitfield."  
  (:primary #x0001)  
  (:sub #x0002)  
  (:uid #x0004))
```

```
(defcstruct gpgme-op-genkey-result  
  "Key generation result structure."  
  (bitfield gpgme-genkey-flags-t)  
  (fpr :string))
```

```
(defctype gpgme-op-genkey-result-t :pointer  
  "A  
  key generation result structure.")
```

```
(defcfun ("gpgme_op_genkey_result" c-gpgme-op-genkey-result)  
  gpgme-op-genkey-result-t  
  (ctx gpgme-ctx-t))
```

```
(defcfun ("gpgme_op_genkey_start" c-gpgme-op-genkey-start) gpgme-error-t  
  (ctx gpgme-ctx-t)  
  (parms :string)  
  (pubkey gpgme-data-t)  
  (seckey gpgme-data-t))
```

```
(defcfun ("gpgme_op_genkey" c-gpgme-op-genkey) gpgme-error-t  
  (ctx gpgme-ctx-t)  
  (parms :string))
```

```
(pubkey gpgme-data-t)
(seckey gpgme-data-t)
```

::: Key deletion.

```
(defcfun ("gpgme_op_delete_start" c-gpgme-op-delete-start) gpgme-error-t
  (ctx gpgme-ctx-t)
  (key gpgme-key-t)
  (allow-secret :int))
```

```
(defcfun ("gpgme_op_delete" c-gpgme-op-delete) gpgme-error-t
  (ctx gpgme-ctx-t)
  (key gpgme-key-t)
  (allow-secret :int))
```

::: FIXME: Add edit interfaces.

::: Keylist interface.

```
(defbitfield (gpgme-keylist-flags-t :unsigned-int)
  "Flags used for the key listing result bitfield."
  (:truncated #x0001))
```

```
(defcstruct gpgme-op-keylist-result
  "Key listing result structure."
  (bitfield
  gpgme-keylist-flags-t))
```

```
(defctype gpgme-op-keylist-result-t :pointer
  "A key listing result structure.")
```

```
(defcfun ("gpgme_op_keylist_result" c-gpgme-op-keylist-result)
  gpgme-op-keylist-result-t
  (ctx gpgme-ctx-t))
```

```
(defcfun ("gpgme_op_keylist_start" c-gpgme-op-keylist-start) gpgme-error-t
  (ctx gpgme-ctx-t)
  (pattern :string)
  (secret_only :boolean))
```

::: FIXME: Extended keylisting requires array handling.

```
(defcfun ("gpgme_op_keylist_next" c-gpgme-op-keylist-next) gpgme-error-t
  (ctx gpgme-ctx-t)
  (r-key :pointer))
```

```
(defcfun ("gpgme_op_keylist_end" c-gpgme-op-keylist-end) gpgme-error-t
  (ctx gpgme-ctx-t))
```

;;; Various functions.

```
(defcfun ("gpgme_check_version" c-gpgme-check-version) :string
  (req-version string-or-nil-t))
```

```
(defcfun ("gpgme_get_engine_info" c-gpgme-get-engine-info) gpgme-error-t
  (engine-info-p :pointer))
```

```
(defcfun ("gpgme_set_engine_info" c-gpgme-set-engine-info) gpgme-error-t
  (proto gpgme-protocol-t)
  (file-name string-or-nil-t)
  (home-dir
   string-or-nil-t))
```

```
(defcfun ("gpgme_engine_check_version" c-gpgme-engine-check-version)
  gpgme-error-t
  (proto gpgme-protocol-t))
```

;;;

;;; L I S P I N T E R F A C E

;;;

;;;

;;; Lisp type translators.

;;;

;;; Both directions.

;;; cert-int-t is a helper type that takes care of representing the
;;; default number of certs as NIL.

```
(defun translate-cert-int-t-from-foreign (value)
  (cond
   ((eql value +include-certs-default+) nil)
   (t value)))
```

```
(defun translate-cert-int-t-to-foreign (value)
  (cond
   (value value)
   (t +include-certs-default+)))
```

;;; string-or-nil-t translates a null pointer to NIL and vice versa.

;;; Translation from foreign null pointer already works as expected.

```
(defun translate-string-or-nil-t-to-foreign (value)
  (cond
   (value value)
```

```
(t (null-pointer))))))
```

```
;;; Output only.
```

```
;;; These type translators only convert from foreign type, because we  
;;; never use these types in the other direction.
```

```
;;; Convert gpgme-engine-info-t linked lists into a  
list of property  
;;; lists. Note that this converter will automatically be invoked  
;;; recursively.
```

```
;;;
```

```
;;; FIXME: Should we use a hash table (or struct, or clos) instead of  
;;; property list, as recommended by the Lisp FAQ?
```

```
(defun translate-gpgme-engine-info-t-from-foreign (value)  
  (cond  
    ((null-pointer-p value) nil)  
    (t (with-foreign-slots  
        ((next protocol file-name version req-version home-dir)  
         value (:struct gpgme-engine-info))  
        (append (list protocol (list  
            :file-name file-name  
            :version version  
            :req-version req-version  
            :home-dir home-dir))  
                next))))))
```

```
(defun translate-gpgme-invalid-key-t-from-foreign (value)  
  (cond  
    ((null-pointer-p value) nil)  
    (t (with-foreign-slots  
        ((next fpr reason)  
         value (:struct gpgme-invalid-key))  
        (append (list (list :fpr fpr  
            :reason reason))  
                next))))))
```

```
(defun translate-gpgme-op-encrypt-result-t-from-foreign (value)  
  (cond  
    ((null-pointer-p value) nil)  
    (t (with-foreign-slots  
        ((invalid-recipients)  
         value (:struct gpgme-op-encrypt-result))  
        (list :encrypt  
            (list :invalid-recipients invalid-recipients))))))
```



```
(defun translate-gpgme-recipient-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
        ((next keyid pubkey-algo status)
         value (:struct gpgme-recipient))
        (append (list (list :keyid keyid
                          :pubkey-algo pubkey-algo
                          :status status))
                next))))))
```

```
(defun translate-gpgme-op-decrypt-result-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
        ((unsupported-algorithm bitfield recipients file-name)
         value (:struct gpgme-op-decrypt-result))
        (list :decrypt (list :unsupported-algorithm unsupported-algorithm
                          :bitfield bitfield
                          :recipients recipients
                          :file-name file-name))))))
```

```
(defun translate-gpgme-new-signature-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
        ((next
         type pubkey-algo hash-algo timestamp fpr sig-class)
         value (:struct gpgme-new-signature))
        (append (list (list :type type
                          :pubkey-algo pubkey-algo
                          :hash-algo hash-algo
                          :timestamp timestamp
                          :fpr fpr
                          :sig-class sig-class))
                next))))))
```

```
(defun translate-gpgme-op-sign-result-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
        ((invalid-signers signatures)
         value (:struct gpgme-op-sign-result))
        (list :sign (list :invalid-signers invalid-signers
                          :signatures signatures))))))
```

```
(defun translate-gpgme-signature-t-from-foreign (value)
  (cond
```

```

((null-pointer-p value) nil)
(t (with-foreign-slots
  ((next summary fpr status notations timestamp
    exp-timestamp bitfield validity validity-reason
    pubkey-algo hash-algo)
   value (:struct gpgme-signature))
  (append (list (list :summary summary
    :fpr fpr
    :status status
    :notations notations
    :timestamp timestamp

    :exp-timestamp exp-timestamp
    :bitfield bitfield
    :validity validity
    :validity-reason validity-reason
    :pubkey-algo pubkey-algo))
  next))))))

(defun translate-gpgme-op-verify-result-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
      ((signatures file-name)
       value (:struct gpgme-op-verify-result))
      (list :verify (list :signatures signatures
        :file-name file-name))))))

(defun translate-gpgme-import-status-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
      ((next fpr result status)
       value (:struct gpgme-import-status))
      (append (list (list :fpr fpr
        :result result
        :status status))
        next))))))

(defun translate-gpgme-op-import-result-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
      ((considered no-user-id imported imported-rsa unchanged
        new-user-ids new-sub-keys new-signatures
        new-revocations
        secret-read secret-imported
        secret-unchanged skipped-new-keys not-imported

```

```

imports)
  value (:struct gpgme-op-import-result))
(list :verify (list :considered considered
  :no-user-id no-user-id
  :imported imported
  :imported-rsa imported-rsa
  :unchanged unchanged
  :new-user-ids new-user-ids
  :new-sub-keys new-sub-keys
  :new-signatures new-signatures
  :new-revocations new-revocations
  :secret-read secret-read
  :secret-imported secret-imported
  :secret-unchanged secret-unchanged
  :skipped-new-keys skipped-new-keys
  :not-imported not-imported
  :imports imports))))))

```

;;; Error handling.

;;; Use gpgme-error-no-signal-t to suppress automatic error handling
 ;;; at translation time.

;;;

;;; FIXME: Part of this probably should be in gpg-error!

```

(define-condition gpgme-error (error)
  ((value :initarg :gpgme-error :reader gpgme-error-value))
  (:report (lambda (c stream)
    (format stream "GPGME returned error: ~A (~A)"
      (gpgme-strerror (gpgme-error-value c))
      (gpgme-strsource (gpgme-error-value c))))))
(:documentation "Signalled when a GPGME function returns an error.")

```

```

(defun translate-gpgme-error-t-from-foreign (value)
  "Raise a GPGME-ERROR if VALUE is non-zero."
  (when (not (eql (gpgme-err-code value) :gpg-err-no-error))
    (error 'gpgme-error :gpgme-error value))
  (gpg-err-canonicalize value))

```

```

(defun translate-gpgme-error-t-to-foreign (value)
  "Canonicalize the error value."
  (if (eql (gpgme-err-code value) :gpg-err-no-error)
    0
    (gpg-err-as-value value)))

```

```

(defun translate-gpgme-error-no-signal-t-from-foreign (value)
  "Canonicalize the error value."

```

```
(gpg-err-canonicalize value))
```

```
;;; *INTERNAL* Lispy Function Interface that is still close to the C  
;;; interface.
```

```
;;; Passphrase callback management.
```

```
;;; Maybe: Instead, use subclassing, and provide a customizable  
;;; default implementation for ease-of-use.
```

```
(defvar  
  *passphrase-handles* (make-hash-table)  
  "Hash table with GPGME context address as key and the corresponding  
  passphrase callback object as value.")
```

```
(defcallback passphrase-cb gpgme-error-t ((handle :pointer)  
  (uid-hint :string)  
  (passphrase-info :string)  
  (prev-was-bad :boolean)  
  (fd :int))  
  (handler-case  
    (let* ((passphrase-cb  
           (gethash (pointer-address handle) *passphrase-handles*))  
          (passphrase  
            (cond  
              ((functionp passphrase-cb)  
                (concatenate 'string  
                  (funcall passphrase-cb uid-hint passphrase-info  
                    prev-was-bad)  
                  '(\Newline))))  
              (t (concatenate 'string passphrase-cb '(\Newline))))))  
          (passphrase-len (length passphrase))  
          ;; FIXME: Could be more robust.  
          (res (system-write fd passphrase passphrase-len)))  
          (cond  
            ((< res passphrase-len) ; FIXME: Blech. A weak attempt to be robust.  
             (gpgme-error :gpg-err-ival))  
            (t (gpgme-error :gpg-err-no-error))))  
          (gpgme-error (err)  
            (gpgme-error-value err)  
            (system-error (err) (gpgme-error-from-errno (system-error-errno err)))  
            ;; FIXME: The original error gets lost here.  
            (condition (err) (progn  
              (when *debug*  
                (format t "DEBUG: passphrase-cb: Unexpressable: ~A~%"  
                  err))  
              (gpgme-error :gpg-err-general))))))
```

```

;;; CTX is a C-pointer to the context.
(defun gpgme-set-passphrase-cb (ctx cb)
  "Set the passphrase callback for CTX."
  (let ((handle (pointer-address ctx)))
    (cond
      (cb (setf (gethash handle *passphrase-handles*) cb))
      (c-gpgme-set-passphrase-cb ctx (callback passphrase-cb) ctx))
      (t (c-gpgme-set-passphrase-cb ctx (null-pointer) (null-pointer))
      (remhash handle *passphrase-handles*))))))

;;; Progress callback management.

;;; Maybe: Instead, use subclassing, and provide a customizable
;;; default implementation for ease-of-use.

(defvar *progress-handles* (make-hash-table)
  "Hash table with GPGME context address as key and the corresponding
  progress callback
  object as value.")

(defcallback progress-cb :void ((handle :pointer)
  (what :string)
  (type :int)
  (current :int)
  (total :int))
  (handler-case
    (let* ((progress-cb
      (gethash (pointer-address handle) *progress-handles*)))
      (funcall progress-cb what type current total))
      ;; FIXME: The original error gets lost here.
      (condition (err) (when *debug*
        (format t "DEBUG: progress-cb: Unexpressable: ~A~%"
          err))))))

;;; CTX is a C-pointer to the context.
(defun gpgme-set-progress-cb (ctx cb)
  "Set the progress callback for CTX."
  (let ((handle (pointer-address ctx)))
    (cond
      (cb (setf (gethash handle *progress-handles*) cb))
      (c-gpgme-set-progress-cb ctx (callback progress-cb) ctx))
      (t (c-gpgme-set-progress-cb ctx (null-pointer) (null-pointer))
      (remhash handle *progress-handles*))))))

;;; Context management.

(defun gpgme-new (&key (protocol :openpgp) armor textmode include-certs

```

```

keylist-mode passphrase progress file-name
home-dir)
"Allocate a new GPGME context."
(with-foreign-object (ctx-p 'gpgme-ctx-t)
  (c-gpgme-new ctx-p)
  (let ((ctx (mem-ref ctx-p 'gpgme-ctx-t)))
    ;;; Set locale?
    (gpgme-set-protocol ctx protocol)
    (gpgme-set-armor ctx armor)
    (gpgme-set-textmode ctx textmode)
    (when include-certs (gpgme-set-include-certs ctx include-certs))
    (when keylist-mode (gpgme-set-keylist-mode ctx keylist-mode))
    (gpgme-set-passphrase-cb ctx passphrase)
    (gpgme-set-progress-cb ctx progress)
    (gpgme-set-engine-info ctx protocol
      :file-name file-name :home-dir home-dir)
    (when *debug* (format t "DEBUG: gpgme-new: ~A~%" ctx)
      ctx)))

(defun gpgme-release (ctx)
  "Release a GPGME context."
  (when *debug* (format t "DEBUG: gpgme-release: ~A~%" ctx))
  (c-gpgme-release ctx))

(defun gpgme-set-protocol (ctx proto)
  "Set the protocol to be used by CTX to PROTO."
  (c-gpgme-set-protocol ctx proto))

(defun gpgme-get-protocol (ctx)
  "Get
the protocol used with CTX."
  (c-gpgme-get-protocol ctx))

;;; FIXME: How to do pretty printing?
;;;
;;; gpgme-get-protocol-name

(defun gpgme-set-armor (ctx armor)
  "If ARMOR is true, enable armor mode in CTX, disable it otherwise."
  (c-gpgme-set-armor ctx armor))

(defun gpgme-armor-p (ctx)
  "Return true if armor mode is set for CTX."
  (c-gpgme-get-armor ctx))

(defun gpgme-set-textmode (ctx textmode)
  "If TEXTMODE is true, enable text mode mode in CTX, disable it otherwise."
  (c-gpgme-set-textmode ctx textmode))

```

```

(defun gpgme-textmode-p (ctx)
  "Return true if text mode mode is set for CTX."
  (c-gpgme-get-textmode ctx))

(defun gpgme-set-include-certs (ctx &optional certs)
  "Include up to CERTS certificates in an S/MIME message."
  (c-gpgme-set-include-certs ctx certs))

(defun gpgme-get-include-certs (ctx)
  "Return the number of certs to include in an S/MIME message,
  or NIL if the default is used."
  (c-gpgme-get-include-certs ctx))

(defun gpgme-get-keylist-mode (ctx)
  "Get the keylist mode in CTX."
  (c-gpgme-get-keylist-mode ctx))

(defun gpgme-set-keylist-mode (ctx mode)
  "Set the keylist mode in CTX."
  (c-gpgme-set-keylist-mode ctx mode))

;;; FIXME: How to handle locale? cffi-grovel?

(defun gpgme-get-engine-info (&optional ctx)
  "Retrieve the engine info for CTX, or the default if CTX is omitted."
  (cond
   (ctx (c-gpgme-ctx-get-engine-info ctx))
   (t (with-foreign-object (info-p 'gpgme-engine-info-t)
        (c-gpgme-get-engine-info info-p)
        (mem-ref info-p 'gpgme-engine-info-t)))))

(defun gpgme-set-engine-info (ctx proto &key file-name home-dir)
  "Set the engine info for CTX, or the default if CTX is NIL."
  (cond
   (ctx (c-gpgme-ctx-set-engine-info ctx proto file-name home-dir))
   (t (c-gpgme-set-engine-info proto file-name home-dir))))

;;; FIXME: How to do pretty printing?
;;;
;;; gpgme_pubkey_algo_name, gpgme_hash_algo_name

(defun gpgme-set-signers (ctx keys)
  "Set the signers for the context CTX."
  (c-gpgme-signers-clear ctx)
  (dolist (key keys) (c-gpgme-signers-add ctx key)))

```

;;;

```
(defun gpgme-set-sig-notation (ctx notations)
  "Set the sig notation for the context CTX."
  (c-gpgme-sig-notation-clear ctx)
  (dolist (notation notations)
    (c-gpgme-sig-notation-add
     ctx (first notation) (second notation) (third notation))))
```

```
(defun gpgme-get-sig-notation (ctx)
  "Get the signature notation data for the context CTX."
  (c-gpgme-sig-notation-get ctx))
```

;;; FIXME: Add I/O callback interface, for integration with clg.

;;; FIXME: Add gpgme_wait?

;;; Streams

;;; -----

;;;

;;; GPGME uses standard streams. You can define your own streams, or
;;; use the existing file or string streams.

;;;

;;; A stream-spec is either a stream, or a list with a stream as its
;;; first argument followed by keyword parameters: encoding,
;;; file-name.

;;;

;;; FIXME: Eventually, we should provide a class that can be mixed
;;; into stream classes and which provides accessors for encoding and
;;; file-names. This interface
;;; should be provided in addition to the
;;; above sleazy interface, because the sleazy interface is easier to
;;; use (less typing), and is quite sufficient in a number of cases.

;;;

;;; For best results, streams with element type (unsigned-byte 8)
;;; should be used. Character streams may work if armor mode is used.

;;; Do we need to provide access to GPGME data objects through streams
;;; as well? It seems to me that specific optimizations, like
;;; directly writing to file descriptors, is better done by extending
;;; the sleazy syntax (stream-spec) instead of customized streams.
;;; Customized streams do buffering, and this may mess up things. Mmh.

```
(defvar *data-handles* (make-hash-table)
  "Hash table with GPGME data user callback handle address as key  
  and the corresponding stream as value.")
```

;;; The release callback removes the stream from the *data-handles*


```

;;; hash and releases the CBS structure that is used as the key in
;;; that hash. It is implicitly invoked (through
GPGME) by
;;; gpgme-data-release.
(defcallback data-release-cb :void ((handle :pointer))
  (unwind-protect (remhash (pointer-address handle) *data-handles*)
    (when (not (null-pointer-p handle)) (foreign-free handle))))

(defcallback data-read-cb ssize-t ((handle :pointer) (buffer :pointer)
  (size size-t))
  (when *debug* (format t "DEBUG: gpgme-data-read-cb: want ~A~%" size))
  (let ((stream (gethash (pointer-address handle) *data-handles*)))
    (cond
      (stream
        (let* ((stream-type (stream-element-type stream))
              (seq (make-array size :element-type stream-type))
              (read (read-sequence seq stream)))
          (cond
            ((equal stream-type '(unsigned-byte 8))
             (dotimes (i read)
              (setf (mem-aref buffer :unsigned-char i)
                    (aref (the byte-array seq) i))))
            ((eql stream-type 'character)
             (dotimes (i read)
              (setf (mem-aref buffer :unsigned-char
                                i)
                    (char-code (aref (the character-array seq) i))))))
          (t
           (dotimes (i read)
            (setf (mem-aref buffer :unsigned-char i)
                  (coerce (aref seq i) '(unsigned-byte 8))))))
          (when *debug* (format t "DEBUG: gpgme-data-read-cb: read ~A~%" read))
          read))
      (t
       (set-errno +ebadf+
                  -1))))

(defcallback data-write-cb ssize-t ((handle :pointer) (buffer :pointer)
  (size size-t))
  (when *debug* (format t "DEBUG: gpgme-data-write-cb: want ~A~%" size))
  (let ((stream (gethash (pointer-address handle) *data-handles*)))
    (cond
      (stream
        (let* ((stream-type (stream-element-type stream))
              (seq (make-array size :element-type stream-type)))
          (cond
            ((equal stream-type '(unsigned-byte 8))
             (dotimes (i size)
              (setf (mem-aref buffer :unsigned-char i)
                    (aref (the byte-array seq) i))))
            ((eql stream-type 'character)
             (dotimes (i size)
              (setf (mem-aref buffer :unsigned-char i)
                    (char-code (aref (the character-array seq) i))))))
          (t
           (dotimes (i size)
            (setf (mem-aref buffer :unsigned-char i)
                  (coerce (aref seq i) '(unsigned-byte 8))))))
          (when *debug* (format t "DEBUG: gpgme-data-write-cb: write ~A~%" size))
          write))
      (t
       (set-errno +ebadf+
                  -1))))

```

```

    (setf (aref (the byte-array seq) i)
          (mem-aref buffer :unsigned-char i))))
  ((eql stream-type 'character)
   (dotimes (i size)
     (setf (aref (the character-array seq) i)
           (code-char (mem-aref buffer :unsigned-char i))))))
  (t
   (dotimes (i size)
     (setf (aref seq i)
           (coerce (mem-aref buffer :unsigned-char i) stream-type))))))
  (write-sequence seq stream)
  size))
(t
 (set-errno +ebadf+
 -1))))

```

;;; This little helper macro allows us to swallow the cbs structure by
 ;;; simply setting it to a null pointer, but still protect against
 ;;; conditions.

```

(defmacro with-cbs-swallowed ((cbs) &body body)
  `(let ((,cbs (foreign-alloc '(:struct gpgme-data-cbs))))
    (unwind-protect (progn ,@body)
      (when (not (null-pointer-p ,cbs)) (foreign-free ,cbs))))))

```

```

(defun gpgme-data-new (stream &key encoding file-name)

```

"Allocate a new GPGME data object for STREAM."

```

(with-foreign-object (dh-p 'gpgme-data-t)

```

;;; We allocate one CBS structure

for each stream we wrap in a

;;; data object. Although we could also share all these

;;; structures, as they contain the very same callbacks, we need a

;;; unique C pointer as handle anyway to look up the stream in the

;;; callback. This is a convenient one to use.

```

(with-cbs-swallowed (cbs)

```

```

  (setf (foreign-slot-value cbs '(:struct gpgme-data-cbs) 'read)
        (callback data-read-cb))

```

```

  (setf (foreign-slot-value cbs '(:struct gpgme-data-cbs) 'write)
        (callback data-write-cb))

```

```

  (setf (foreign-slot-value cbs '(:struct gpgme-data-cbs) 'seek)
        (null-pointer))

```

```

  (setf (foreign-slot-value cbs '(:struct gpgme-data-cbs) 'release)
        (callback data-release-cb))

```

```

  (c-gpgme-data-new-from-cbs dh-p cbs cbs)

```

```

  (let ((dh (mem-ref dh-p 'gpgme-data-t)))

```

```

    (when encoding (gpgme-data-set-encoding dh encoding))

```

```

    (when file-name (gpgme-data-set-file-name dh file-name))

```

;;; Install the stream into the hash table and

```

swallow the cbs
  ;; structure while protecting against any errors.
(unwind-protect
  (progn
    (setf (gethash (pointer-address cbs) *data-handles*) stream)
    (setf cbs (null-pointer)))
  (when (not (null-pointer-p cbs)) (c-gpgme-data-release dh)))
  (when *debug* (format t "DEBUG: gpgme-data-new: ~A~%" dh)
  dh))))

;; This function releases a GPGME data object. It implicitly
;; invokes the data-release-cb function to clean up associated junk.
(defun gpgme-data-release (dh)
  "Release a GPGME data object."
  (when *debug* (format t "DEBUG: gpgme-data-release: ~A~%" dh))
  (c-gpgme-data-release dh))

(defclass data ()
  (c-data) ; The C data object pointer
  (:documentation "The GPGME data type.))

(defmethod initialize-instance :after ((data data) &key streamspec
                                       &allow-other-keys)
  (let ((c-data (if (listp streamspec)
                    (apply #'gpgme-data-new streamspec)
                    (gpgme-data-new streamspec)))
        (cleanup t))
    (unwind-protect
      (progn
        (setf (slot-value data 'c-data) c-data)
        (finalize data (lambda () (gpgme-data-release c-data)))
        (setf cleanup nil))
      (if cleanup (gpgme-data-release c-data))))))

(defun translate-gpgme-data-t-to-foreign (value)
  ;; Allow a pointer to be passed directly for the finalizer to work.
  (cond
    ((null value) (null-pointer))
    ((pointerp value) value)
    (t (slot-value value 'c-data))))

(defmacro with-gpgme-data ((dh streamspec) &body body)
  `(let ((,dh (make-instance 'data :streamspec ,streamspec)))
    ,@body))

(defun gpgme-data-get-encoding (dh)
  "Get the encoding associated with the data object DH."
  (c-gpgme-data-get-encoding dh))

```

```

(defun gpgme-data-set-encoding (dh encoding)
  "Set the encoding associated with the data object DH to ENCODING."
  (c-gpgme-data-set-encoding dh encoding))

(defun gpgme-data-get-file-name (dh)
  "Get the file name associated with the data object
  DH."
  (c-gpgme-data-get-file-name dh))

(defun gpgme-data-set-file-name (dh file-name)
  "Set the file name associated with the data object DH to FILE-NAME."
  (c-gpgme-data-set-file-name dh file-name))

;;; FIXME: Add key accessor interfaces.

(defun gpgme-get-key (ctx fpr &optional secret)
  "Get the key with the fingerprint FPR from the context CTX."
  (with-foreign-object (key-p 'gpgme-key-t)
    (c-gpgme-get-key ctx fpr key-p secret)
    (mem-ref key-p 'gpgme-key-t)))

(defun gpgme-key-ref (key)
  "Acquire an additional reference to the key KEY."
  (when *debug* (format t "DEBUG: gpgme-key-ref: ~A~%" key))
  (c-gpgme-key-ref key))

(defun gpgme-key-unref (key)
  "Release a reference to the key KEY."
  (when *debug* (format t "DEBUG: gpgme-key-unref: ~A~%" key))
  (c-gpgme-key-unref key))

;;; FIXME: We REALLY need pretty printing for keys and all the other
;;; big structs.

;;; Various interfaces.

(defun gpgme-check-version (&optional req-version)
  (c-gpgme-check-version req-version))

;;;
;;;
The *EXPORTED* CLOS interface.
;;;

;;; The context type.

;;; We wrap the C context pointer into a class object to be able to

```

;;; stick a finalizer on it.

```
(defclass context ()  
  (c-ctx ; The C context object pointer.  
    signers ; The list of signers.  
    sig-notation) ; The list of signers.  
  (:documentation "The GPGME context type."))
```

```
(defmethod initialize-instance :after ((ctx context) &rest rest  
  &key &allow-other-keys)  
  (let ((c-ctx (apply #'gpgme-new rest))  
        (cleanup t))  
    (unwind-protect  
      (progn (setf (slot-value ctx 'c-ctx) c-ctx)  
              (finalize ctx (lambda () (gpgme-release c-ctx))))  
      (setf cleanup nil))  
    (if cleanup (gpgme-release c-ctx))))))
```

```
(defun translate-gpgme-ctx-t-to-foreign (value)  
  ;; Allow a pointer to be passed directly for the finalizer to work.  
  (if (pointerp value) value (slot-value value 'c-ctx)))
```

```
(defmacro context (&rest rest)  
  "Create a new GPGME context."  
  `(make-instance 'context ,@rest))
```

;;; The context type: Accessor
functions.

;;; The context type: Accessor functions: Protocol.

```
(defgeneric protocol (ctx)  
  (:documentation "Get the protocol of CONTEXT."))
```

```
(defmethod protocol ((ctx context))  
  (gpgme-get-protocol ctx))
```

```
(defgeneric (setf protocol) (protocol ctx)  
  (:documentation "Set the protocol of CONTEXT to PROTOCOL."))
```

;;; FIXME: Adjust translator to reject invalid protocols. Currently,
;;; specifying an invalid protocol throws a "NIL is not 32 signed int"
;;; error. This is suboptimal.

```
(defmethod (setf protocol) (protocol (ctx context))  
  (gpgme-set-protocol ctx protocol))
```

;;; The context type: Accessor functions: Armor.

;;; FIXME: Is it good style to make foop setf-able? Or should it be

::: foo/foop for set/get?

```
(defgeneric armorp (ctx)
  (:documentation "Get the armor flag of CONTEXT."))
```

```
(defmethod armorp ((ctx context))
  (gpgme-armor-p ctx))
```

```
(defgeneric (setf armorp) (armor ctx)
  (:documentation "Set the armor flag of CONTEXT to ARMOR."))
```

```
(defmethod (setf armorp) (armor (ctx
  context))
  (gpgme-set-armor ctx armor))
```

::: The context type: Accessor functions: Textmode.
::: FIXME: Is it good style to make foop setf-able? Or should it be
::: foo/foop for set/get?

```
(defgeneric textmodep (ctx)
  (:documentation "Get the text mode flag of CONTEXT."))
```

```
(defmethod textmodep ((ctx context))
  (gpgme-textmode-p ctx))
```

```
(defgeneric (setf textmodep) (textmode ctx)
  (:documentation "Set the text mode flag of CONTEXT to TEXTMODE."))
```

```
(defmethod (setf textmodep) (textmode (ctx context))
  (gpgme-set-textmode ctx textmode))
```

::: The context type: Accessor functions: Include Certs.

```
(defgeneric include-certs (ctx)
  (:documentation "Get the number of included certificates in an
  S/MIME message, or NIL if the default is used."))
```

```
(defmethod include-certs ((ctx context))
  (gpgme-get-include-certs ctx))
```

```
(defgeneric (setf include-certs) (certs ctx)
  (:documentation "Return the number of certificates to include in an
  S/MIME message, or
  NIL if the default is used."))
```

```
(defmethod (setf include-certs) (certs (ctx context))
  (gpgme-set-include-certs ctx certs))
```

;;; The context type: Accessor functions: Engine info.

```
(defgeneric engine-info (ctx)
  (:documentation "Retrieve the engine info for CTX."))

(defmethod engine-info ((ctx context))
  (gpgme-get-engine-info ctx))

(defgeneric (setf engine-info) (info ctx)
  (:documentation "Set the engine info for CTX."))

(defmethod (setf engine-info) (info (ctx context))
  (dolist (proto '(:openpgp :cms))
    (let ((pinfo (getf info proto)))
      (when pinfo
        (gpgme-set-engine-info ctx proto :file-name (getf pinfo :file-name)
                               :home-dir (getf pinfo :home-dir)))))))
```

;;; The context type: Accessor functions: Keylist mode.

```
(defgeneric keylist-mode (ctx)
  (:documentation "Get the keylist mode of CTX."))

(defmethod keylist-mode ((ctx context))
  (gpgme-get-keylist-mode ctx))

(defgeneric (setf keylist-mode) (mode ctx)
  (:documentation "Set the keylist mode of CTX to MODE."))

(defmethod
  (setf keylist-mode) (mode (ctx context))
  (gpgme-set-keylist-mode ctx mode))
```

;;; The context type: Accessor functions: Signers.

```
(defgeneric signers (ctx)
  (:documentation "Get the signers of CTX."))

(defmethod signers ((ctx context))
  (slot-value ctx 'signers))

(defgeneric (setf signers) (signers ctx)
  (:documentation "Set the signers of CTX to SIGNERS."))

(defmethod (setf keylist-mode) (signers (ctx context))
  (gpgme-set-signers ctx signers)
  (setf (slot-value ctx 'signers) signers))
```

;;; The context type: Accessor functions: Sig notations.

```
(defgeneric sig-notations (ctx)
  (:documentation "Get the signature notations of CTX."))

(defmethod sig-notations ((ctx context))
  (slot-value ctx 'signers))

(defgeneric (setf sig-notations) (notations ctx)
  (:documentation "Set the signature notations of CTX to NOTATIONS."))

(defmethod (setf sig-notations) (notations (ctx context))
  (gpgme-set-signers ctx notations)
  (setf (slot-value ctx 'notations) notations))
```

;;;

The context type: Support macros.

```
(defmacro with-context ((ctx &rest rest) &body body)
  `(let ((,ctx (make-instance 'context ,@rest)))
    ,@body))
```

;;; The key type.

```
(defclass key ()
  (c-key) ; The C key object pointer.
  (:documentation "The GPGME key type."))
```

;;; In the initializer, we swallow the c-key argument.

```
(defmethod initialize-instance :after ((key key) &key c-key
  &allow-other-keys)
  (setf (slot-value key 'c-key) c-key)
  (finalize key (lambda () (gpgme-key-unref c-key))))
```

```
(defun translate-gpgme-key-t-from-foreign (value)
  (when *debug* (format t "DEBUG: import key: ~A~%" value))
  (make-instance 'key :c-key value))
```

```
(defun translate-gpgme-key-t-to-foreign (value)
  ;; Allow a pointer to be passed directly for the finalizer to work.
  (if (pointerp value) value (slot-value value 'c-key)))
```

```
(defmethod print-object ((key key) stream)
  (print-unreadable-object (key stream :type t :identity t)
    (format stream "~s" (fpr key))))
```

;;; The key type:

Accessor functions.

```
;;; FIXME: The bitfield and flags contain redundant information at
;;; this point.  FIXME: Deal nicer with zero-length name (policy url)
;;; and zero length value (omit?) and human-readable (convert to string).
;;; FIXME: Turn binary data into sequence or vector or what it should be.
;;; FIXME: Turn the whole thing into a hash?
```

```
(defun translate-gpgme-sig-notation-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
        ((next name value name-len value-len flags bitfield)
         value (:struct gpgme-sig-notation))
      (append (list (list
        :name name
        :value value
        :name-len name-len
        :value-len value-len
        :flags flags
        :bitfield bitfield))
        next))))))
```

```
;;; FIXME: Deal nicer with timestamps.  bitfield field name?
```

```
(defun translate-gpgme-subkey-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
        ((next bitfield pubkey-algo length keyid fpr timestamp expires)
         value (:struct gpgme-subkey))
```

```
(append (list (list
  :bitfield bitfield
  :pubkey-algo pubkey-algo
  :length length
  :keyid keyid
  :fpr fpr
  :timestamp timestamp
  :expires expires))
  next))))))
```

```
(defun translate-gpgme-key-sig-t-from-foreign (value)
```

```
(cond
  ((null-pointer-p value) nil)
  (t (with-foreign-slots
      ((next bitfield pubkey-algo keyid timestamp expires status
        uid name email comment sig-class)
       value (:struct gpgme-key-sig))
    (append (list (list
```

```

:bitfield bitfield
:pubkey-algo pubkey-algo
:keyid keyid
:timestamp timestamp
:expires expires
:status status
:uid uid
:name name
:email email
:comment comment
:sig-class sig-class))
next))))

```

```

(defun translate-gpgme-user-id-t-from-foreign (value)
  (cond
    ((null-pointer-p value) nil)
    (t (with-foreign-slots
        ((next bitfield validity uid name email comment signatures)
         value (:struct gpgme-user-id))
      (append (list (list
        :bitfield bitfield
        :validity validity
        :uid uid
        :name
name
        :email email
        :comment comment
        :signatures signatures))
        next))))))

```

```

(defun key-data (key)
  (with-slots (c-key) key
    (with-foreign-slots
      ((bitfield protocol issuer-serial issuer-name chain-id
        owner-trust subkeys uids keylist-mode)
       c-key (:struct gpgme-key))
      (list
        :bitfield bitfield
        :protocol protocol
        :issuer-serial issuer-serial
        :issuer-name issuer-name
        :chain-id chain-id
        :owner-trust owner-trust
        :subkeys subkeys
        :uids uids
        :keylist-mode keylist-mode))
      ))

```

```
(defgeneric fpr (key)
  (:documentation "Get the primary fingerprint of the key."))
```

```
(defmethod fpr ((key key))
  (getf (car (getf (key-data key) :subkeys)) :fpr))
```

::: The context type: Crypto-Operations.

```
(defgeneric get-key (ctx fpr &optional secret)
  (:documentation "Get the (secret) key FPR from CTX."))
```

```
(defmethod get-key ((ctx context) fpr &optional secret)
  (gpgme-get-key ctx fpr secret))
```

::: Encrypt.

```
(defgeneric
  op-encrypt (ctx recp plain cipher &key always-trust sign)
  (:documentation "Encrypt."))
```

```
(defmethod op-encrypt ((ctx context) recp plain cipher
  &key always-trust sign)
  (with-foreign-object (c-recp :pointer (+ 1 (length recp)))
    (dotimes (i (length recp))
      (setf (mem-aref c-recp 'gpgme-key-t i) (elt recp i)))
      (setf (mem-aref c-recp :pointer (length recp)) (null-pointer))
      (with-gpgme-data (in plain)
        (with-gpgme-data (out cipher)
          (let ((flags))
            (if always-trust (push :always-trust flags))
            (cond
              (sign
               (c-gpgme-op-encrypt-sign ctx c-recp flags in out)
               (append (c-gpgme-op-encrypt-result ctx)
                       (c-gpgme-op-sign-result ctx)))
              (t
               (c-gpgme-op-encrypt ctx c-recp flags in out)
               (c-gpgme-op-encrypt-result ctx))))))))))
```

::: Decrypt.

```
(defgeneric op-decrypt (ctx cipher plain &key verify)
  (:documentation "Decrypt."))
```

```
(defmethod op-decrypt ((ctx context) cipher plain &key verify)
  (with-gpgme-data (in cipher)
```

```
(with-gpgme-data
(out plain)
(cond
(verify
(c-gpgme-op-decrypt-verify ctx in out)
(append (c-gpgme-op-decrypt-result ctx)
(c-gpgme-op-verify-result ctx)))
(t
(c-gpgme-op-decrypt ctx in out)
(c-gpgme-op-decrypt-result ctx))))))
```

::: Signing.

```
(defgeneric op-sign (ctx plain sig &optional mode)
(:documentation "Sign."))
```

```
(defmethod op-sign ((ctx context) plain sig &optional (mode :none))
(with-gpgme-data (in plain)
(with-gpgme-data (out sig)
(c-gpgme-op-sign ctx in out mode)
(c-gpgme-op-sign-result ctx))))
```

::: Verify.

```
(defgeneric op-verify (ctx sig text &key detached)
(:documentation "Verify."))
```

```
(defmethod op-verify ((ctx context) sig text &key detached)
(with-gpgme-data (in sig)
(with-gpgme-data (on text)
(c-gpgme-op-verify ctx in (if detached on nil)
(if detached nil on))
(c-gpgme-op-verify-result ctx))))
```

::: Import.

```
(defgeneric op-import (ctx keydata)
(:documentation "Import."))
```

```
(defmethod op-import ((ctx context) keydata)
(with-gpgme-data (in keydata)
(c-gpgme-op-import ctx in)
(c-gpgme-op-import-result ctx))))
```

::: Export.

```
(defgeneric op-export (ctx pattern keydata)
(:documentation "Export public key data matching PATTERN to the
```

```
stream KEYDATA."))
```

```
(defmethod op-export ((ctx context) pattern keydata)
  (with-gpgme-data (dh keydata)
    (c-gpgme-op-export ctx pattern 0 dh)))
```

```
::: Key generation.
```

```
:::
```

```
::: Initialization
```

```
:::
```

```
(defun check-version (&optional req-version)
  "Check that the GPGME version requirement is satisfied."
  (gpgme-check-version req-version))
```

```
(defparameter *version* (check-version)
  "The version number of GPGME used.")
(21:protected-private-key(3:elg(1:p193:5*n^f"Q'R0_6<y mec \=c7S8u[5
ZF'xf5yi9F@T=KhZdU0(k5nZEI/ R]njVITPU$W<xs-Yx)(1:g1:)(1:y192:O9GNR{?}Y_W[FD*zurmk%'R\>>e9pe
eU)uS% VJ!5F)yH*O
]l'7{ @wJmQP^jurx'V2H2j[G{q_ "8()(9:protected25:openpgp-s2k3-sha1-aes-cbc((4:sha18:o"%7:5242880)16:Hs* }u
)256:Gzk3%\Kb2=ooO@, )eBBI3F|OQP3eD%n,;~L-6UH^=64i);l
e+sG"(mlH_2sn_BBO7hRcZUt(p6,{5|37C3m8EY9=gQ )(12:protected-at15:20101008T070148)))
# *- mode: org *-
#+TITLE: A Short History of the GPGME bindings for Python
#+LATEX_COMPILER: xelatex
#+LATEX_CLASS: article
#+LATEX_CLASS_OPTIONS: [12pt]
#+LATEX_HEADER: \usepackage{xltextra}
#+LATEX_HEADER: \usepackage[margin=1in]{geometry}
#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Times New Roman}
```

```
* Overview
```

```
:PROPERTIES:
```

```
:CUSTOM_ID: overview
```

```
:END:
```

```
| Version:      | 0.0.1          |
| GPGME Version: | 1.13.0        |
| Author:       | Ben McGinnes <ben@gnupg.org> |
| Author GPG Key: | DB4724E6FA4286C92B4E55C4321E4E2373590E5D |
| Language:     | Australian English, British English |
| xml:lang:     | en-AU, en-GB, en |
```

The GPGME Python bindings passed through many hands and numerous phases before, after a fifteen year journey, coming full circle to

return to the source. This is a short explanation of that journey.

** In the beginning

:PROPERTIES:

:CUSTOM_ID: in-the-beginning

:END:

In 2002 John Goerzen released PyME; Python bindings for the GPGME module which utilised the current release of Python of the time and SWIG.^[fn:1] Shortly after creating it and ensuring it worked he stopped supporting it, though he left his work available on his Gopher site.

** Keeping the flame alive

:PROPERTIES:

:CUSTOM_ID: keeping-the-flame-alive

:END:

A couple of years later the project was picked up by Igor Belyi and actively developed and maintained by him from 2004 to 2008. Igor's whereabouts at the time of this document's creation are unknown, but the current authors do hope he is well. We're assuming (or hoping) that life did what life does and made continuing untenable.

** Passing the torch

:PROPERTIES:

:CUSTOM_ID: passing-the-torch

:END:

In 2014 Martin Albrecht wanted to patch a bug in the PyME code and discovered the absence of Igor. Following a discussion on the PyME mailing list he became the new maintainer for PyME, releasing version 0.9.0 in May of that year. He remains the maintainer of the original PyME release in Python 2.6 and 2.7 (available via PyPI).

** Coming full circle

:PROPERTIES:

:CUSTOM_ID: ouroboros

:END:

In 2015 Ben McGinnes approached Martin about a Python 3 version, while investigating how complex a task this would be the task ended up being completed. A subsequent discussion with Werner Koch led

to the decision to fold the Python 3 port back into the original GPGME release in the languages subdirectory for non-C bindings under the module name of `=pyme3=`.

In 2016 this PyME module was integrated back into the GPGME project by Justus Winter. During the course of this work Justus adjusted the port to restore limited support for Python 2, but not as many minor point releases as the original PyME package supports. During the course of this integration the package was renamed to more accurately reflect its status as a component of GPGME. The `=pyme3=` module was renamed to `=gpg=` and adopted by the upstream GnuPG team.

In 2017 Justus departed G10code and the GnuPG team. Following this Ben returned to maintain of `gpgme` Python bindings and continue building them from that point.

* Relics of the past

:PROPERTIES:

:CUSTOM_ID: relics-past

:END:

There are a few things, in addition to code specific factors, such as SWIG itself, which are worth noting here.

** The Annoyances of Git

:PROPERTIES:

:CUSTOM_ID: the-annoyances-of-git

:END:

As anyone who has ever worked with git knows, submodules are horrible way to deal with pretty much anything. In the interests of avoiding migraines, that was skipped with addition of the PyME code to GPGME.

Instead the files were added to a subdirectory of the `=lang=` directory, along with a copy of the entire git log up to that point as a separate file within the `=lang/python/docs/=` directory.[fn:2]

As the log for PyME is nearly 100KB and the log for GPGME is approximately 1MB, this would cause considerable bloat, as well as some confusion, should the two be merged.

Hence the unfortunate, but necessary, step to simply move the files. A regular repository version has been maintained should it be possible to implement this better in the future.

** The Perils of PyPI

```
:PROPERTIES:  
:CUSTOM_ID: the-perils-of-pypi  
:END:
```

The early port of the Python 2 `pyme` module as `pyme3` was never added to PyPI while the focus remained on development and testing during 2015 and early 2016. Later in 2016, however, when Justus completed his major integration work and subsequently renamed the module from `pyme3` to `gpg`, some prior releases were also provided through PyPI.

Since these bindings require a matching release of the GPGME libraries in order to function, it was determined that there was little benefit in also providing a copy through PyPI since anyone obtaining the GPGME source code would obtain the Python bindings source code at the same time. Whereas there was the potential to sew confusion amongst Python users installing the module from PyPI, only to discover that without the relevant C files, header files or SWIG compiled binaries, the Python module did them little good.

There are only two files on PyPI which might turn up in a search for this module or a sample of its content:

1. `gpg` (1.8.0) - Python bindings for GPGME GnuPG cryptography library
2. `pyme` (0.9.0) - Python support for GPGME GnuPG cryptography library

*** GPG 180 - Python bindings for GPGME GnuPG cryptography library

```
:PROPERTIES:  
:CUSTOM_ID: pypi-gpgme-180  
:END:
```

This is the most recent version to reach PyPI and is the version of the official Python bindings which shipped with GPGME 1.8.0. If you have GPGME 1.8.0 installed and `/only/` 1.8.0 installed, then it is probably safe to use this copy from PyPI.

As there have been a lot of changes since the release of GPGME 1.8.0, the GnuPG Project recommends not using this version of the module and instead installing the current version of GPGME along with the Python bindings included with that package.

*** PyME 090 - Python support for GPGME GnuPG cryptography library

```
:PROPERTIES:  
:CUSTOM_ID: pypi-gpgme-90
```


:END:

This is the last release of the PyME bindings maintained by Martin Albrecht and is only compatible with Python 2, it will not work with Python 3. This is the version of the software from which the port from Python 2 to Python 3 code was made in 2015.

Users of the more recent Python bindings will recognise numerous points of similarity, but also significant differences. It is likely that the more recent official bindings will feel "more pythonic."

For those using Python 2, there is essentially no harm in using this module, but it may lack a number of more recent features added to GPGME.

* Footnotes

[fn:1] In all likelihood this would have been Python 2.2 or possibly Python 2.3.

[fn:2] The entire PyME git log and other preceding VCS logs are located in the =gpgme/lang/python/docs/old-commits.log= file.

```
# HACKING                                -*- org -*-
#+TITLE: Hacking notes for GPGME
#+STARTUP: showall
```

* How to contribute

** No more ChangeLog files

Do not modify any of the ChangeLog files in GPGME. Starting on December 1st, 2011 we put change information only in the GIT commit log, and generate a top-level ChangeLog file from logs at "make dist" time. As such, there are strict requirements on the form of the commit log messages. The old ChangeLog files have all be renamed to ChangeLog-2011

** Commit log requirements

Your commit log should always start with a one-line summary, the second line should be blank, and the remaining lines are usually ChangeLog-style entries for all affected files. However, it's fine -- even recommended -- to write a few lines of prose describing the change, when the summary and ChangeLog entries don't give enough of the big picture. Omit the leading TABs that you're used to seeing

in a "real" ChangeLog file, but keep the maximum line length at 72 or smaller, so that the generated ChangeLog lines, each with its leading TAB, will not exceed 80 columns. If you want to add text which shall not be copied to the ChangeLog, separate it by a line consisting of two dashes at the begin of a line.

Note that ./autogen.sh installs a git hook to do some basic syntax checking on the commit log message.

Typo fixes and documentation updates don't need a ChangeLog entry; thus you would use a commit message like

```
#+begin_example
Fix typo in a comment

--
#+end_example
```

The marker line here is important; without it the first line would appear in the ChangeLog.

If you exceptionally need to have longer lines in a commit log you may do this after this scissor line:

```
#+begin_example
# ----- >8 -----
#+end_example
```

(hash, blank, 24 dashes, blank, scissor, blank, 24 dashes).

Note that such a comment will be removed if the git commit option `--cleanup-scissor=` is used.

** License policy

GPGME is currently licensed under the LGPLv2.1+ with tools and the manual being under the GPLv3+. We may eventually update to a newer version of the licenses or a combination of them. It is thus important, that all contributed code allows for an update of the license; for example we can't accept code under the LGPLv2(only).

If you want to contribute code or documentation to GPGME you are asked to assert that the contribution is in accordance to the "GPGME Developer's Certificate of Origin" as found in the file "DCO". Except for a slight wording change, this DCO is identical to the one used by the Linux kernel. Please take these simple steps:

- Decide which mail address you want to use. Please have your real name in the address and not a pseudonym. Anonymous contributions

can only be done if you find a proxy who certifies for you.

- If your employer or school might claim ownership of code written by you; you need to talk to them to make sure that you have the right to contribute under the DCO.
- Send an OpenPGP signed mail to the `gnupg-devel@gnupg.org` public mailing list from your mail address. Include a copy of the DCO as found in the official master branch. Insert your name and email address into the DCO in the same way you want to use it later.

Example:

```
Signed-off-by: Joe R. Hacker <joe@example.org>
```

If you need it, you may perform simple transformations on the mail address: Replacing "@" by " at " or "." by " dot ".)

- That's it. From now on you only need to add a "Signed-off-by:" line with your name and mail address to the GIT commit message. It is recommended to send the patches using a PGP/MIME signed mail.

** Coding standards

Please follow the GNU coding standards. If you are in doubt consult the existing code as an example. Do no re-indent code without a need. If you really need to do it, use a separate commit for such a change.

- C99 syntax should not be used; stick to C90.
- Please do not use C++ `///
=` style comments.
- Try to fit lines into 80 columns.
- Ignore signed/unsigned pointer mismatches
- No arithmetic on void pointers; cast to `char*` first.

** Commit log keywords

- GnuPG-bug-id :: Values are comma or space delimited bug numbers from `bug.gnupg.org` pertaining to this commit.
- Debian-bug-id :: Same as above but from the Debian bug tracker.
- CVE-id :: CVE id number pertaining to this commit.
- Regression-due-to :: Commit id of the regression fixed by this commit.
- Fixes-commit :: Commit id this commit fixes.
- Reported-by :: Value is a name or mail address of a bug reporter.
- Suggested-by :: Value is a name or mail address of someone who suggested this change.

- Co-authored-by :: Name or mail address of a co-author
- Some-comments-by :: Name or mail address of the author of
additional comments (commit log or code).
- Proofread-by :: Sometimes used by translation commits.
- Signed-off-by :: Name or mail address of the developer

* Debug hints

- Use gpgme-tool for manual tests.
- The envvar GPGME_DEBUG enables debugging; see debug.[ch] for details.

Configuration files may go here. Note that config.h.in is auto-generated so that this file is not in git.

2011-12-02 Werner Koch <wk@g10code.com>

NB: ChangeLog files are no longer manually maintained. Starting on December 1st, 2011 we put change information only in the GIT commit log, and generate a top-level ChangeLog file from logs at "make dist". See doc/HACKING for details.

2011-04-06 Werner Koch <wk@g10code.com>

- * gpg-error.m4: Update from current libgpg-error repo.

2010-05-07 Werner Koch <wk@g10code.com>

- * libassuan.m4: Update from libassuan svn.

2009-11-10 Marcus Brinkmann <marcus@g10code.de>

- * libassuan.m4: Fix LIBASSUAN_VERSION.

2006-06-08 Marcus Brinkmann <marcus@g10code.de>

- * pth.m4: Add --all to pth-config invocation.

2006-02-22 Marcus Brinkmann <marcus@g10code.de>

- * pth.m4: Fix code generation (required for Max OS X). Submitted by Emanuele Giaquinta <exg@gentoo.org>.

2005-11-17 Marcus Brinkmann <marcus@g10code.de>

- * glib-2.0.m4: New file.

2004-12-28 Werner Koch <wk@g10code.com>

* pth.m4: Changed quoting for use with automake 1.9.

2004-09-14

Marcus Brinkmann <marcus@g10code.de>

* pth.m4: Disable `_ac_pth_line`, and don't fail if Pth is not found.

* glibc21.m4: New file.

* gpg-error.m4: New file.

* pth.m4: New file.

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=====

By making a contribution to the GPGME project, I certify that:

- (a) The contribution was created in whole or in part by me and I have the right to submit it under the free software license indicated in the file; or
- (b) The contribution is based upon previous work that, to the best of my knowledge, is covered under an appropriate free software license and I have the right under that license to submit that work with modifications, whether created in whole or in part by me, under the same free software license (unless I am permitted to submit under a different license), as indicated in the file; or
- (c) The contribution was provided directly to me by some other person who certified (a), (b) or (c) and I have not modified it.
- (d) I understand and agree that this project and the contribution are public and that a record of the contribution (including all personal information I submit with it, including my sign-off) is maintained indefinitely and may be redistributed

consistent with this project or the free software license(s)
involved.

Signed-off-by: [Your name and mail address]

2011-12-02 Werner Koch <wk@g10code.com>

NB: ChangeLog files are no longer manually maintained. Starting on December 1st, 2011 we put change information only in the GIT commit log, and generate a top-level ChangeLog file from logs at "make dist". See doc/HACKING for details.

2008-11-08 Moritz <moritz@gnu.org>

* gpgme.lisp (size-t): Wrong call to defctype: function accepts optional, not keyword argument.

(ssize-t): Likewise.

(off-t): Likewise.

(gpgme-data-t, gpgme-ctx-t): Likewise.

(gpgme-error-t): Likewise.

(gpgme-error-no-signal-t): Likewise.

(gpgme-err-code-t): Likewise.

(gpgme-err-source-t): Likewise.

(gpgme-sig-notation-t, gpgme-engine-info-t): Likewise.

(gpgme-subkey-t): Likewise.

(gpgme-key-sig-t): Likewise.

(gpgme-user-id-t): Likewise.

(gpgme-key-t): Likewise.

(gpgme-data-cbs-t): Likewise.

(gpgme-invalid-key-t): Likewise.

(gpgme-op-encrypt-result-t): Likewise.

(gpgme-recipient-t): Likewise.

(gpgme-op-decrypt-result-t): Likewise.

(gpgme-new-signature-t):

Likewise.

(gpgme-op-sign-result-t): Likewise.

(gpgme-signature-t): Likewise.

(gpgme-op-verify-result-t): Likewise.

(gpgme-import-status-t): Likewise.

(gpgme-op-import-result-t): Likewise.

(gpgme-op-genkey-result-t): Likewise.

(gpgme-op-keylist-result-t): Likewise.

2006-07-06 Marcus Brinkmann <marcus@g10code.de>

* Initial release.

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This file is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY, to the extent permitted by law; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

```
# -*- mode: org -*-
```

```
#+TITLE: What Was New in the GPGME Python Bindings and Documentation
```

```
#+AUTHOR: Ben McGinnes
```

```
#+LATEX_COMPILER: xelatex
```

```
#+LATEX_CLASS: article
```

```
#+LATEX_CLASS_OPTIONS: [12pt]
```

```
#+LATEX_HEADER: \usepackage{xltextra}
```

```
#+LATEX_HEADER: \usepackage[margin=1in]{geometry}
```

```
#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Times New Roman}
```

```
#+LATEX_HEADER: \author{Ben McGinnes <ben@gnupg.org>}
```

```
* What Was New
```

```
:PROPERTIES:
```

```
:CUSTOM_ID: new-stuff
```

```
:END:
```

```
| Version:      | 0.0.1          |
| GPGME Version: | 1.13.0         |
| Author:       | Ben McGinnes <ben@gnupg.org> |
| Author GPG Key: | DB4724E6FA4286C92B4E55C4321E4E2373590E5D |
| Language:     | Australian English, British English |
| xml:lang:    | en-AU, en-GB, en |
```

The following are all the past /What's New/ sections for the Python Bindings HOWTO and other documentation.

```
** What Was New in GPGME 1120
```

```
:PROPERTIES:
```

```
:CUSTOM_ID: gpgme-1-12-0
```

```
:END:
```

The most obviously new point for those reading this guide is this section on other new things, but that's hardly important. Not given all the other things which spurred the need for adding this section and its subsections.

```
*** New in GPGME 1120
```

```
:PROPERTIES:  
:CUSTOM_ID: new-stuff-1-12-0  
:END:
```

There have been quite a number of additions to GPGME and the Python bindings to it since the last release of GPGME with versions 1.11.0 and 1.11.1 in April, 2018.

The bullet points of new additions are:

- an expanded section on [installing](#) and [troubleshooting](#) the Python bindings.
- The release of Python 3.7.0; which appears to be working just fine with our bindings, in spite of intermittent reports of problems for many other Python projects with that new release.
- Python 3.7 has been moved to the head of the specified python versions list in the build process.
- In order to fix some other issues, there are certain underlying functions which are more exposed through the [gpg.Context\(\)](#), but ongoing documentation ought to clarify that or otherwise provide the best means of using the bindings. Some additions to `=gpg.core=` and the `=Context()=`, however, were intended (see below).
- Continuing work in identifying and confirming the cause of oft-reported [problems installing the Python bindings on Windows](#).
- GSOC: Google's Surreptitiously Ordered Conscription ... erm ... oh, right; Google's Summer of Code. Though there were two hopeful candidates this year; only one ended up involved with the GnuPG Project directly, the other concentrated on an unrelated third party project with closer ties to one of the GNU/Linux distributions than to the GnuPG Project. Thus the Python bindings benefited from GSOC participant Jacob Adams, who added the `key_import` function; building on prior work by Tobias Mueller.
- Several new methods functions were added to the `gpg.Context()`, including: [key_import](#), [key_export](#), [key_export_minimal](#) and [key_export_secret](#).
- Importing and exporting examples include versions integrated with Marcel Fest's recently released [\[HKP for Python\]](https://github.com/Selfnet/hkp4py) module. Some [additional notes on this module](#) are included at the end of the HOWTO.
- Instructions for dealing with semi-walled garden implementations like ProtonMail are also included. This is intended to make things a little easier when communicating with users of ProtonMail's services and should not be construed as an endorsement of said service. The GnuPG Project neither favours,

nor disfavours

ProtonMail and the majority of this deals with interacting with the ProtonMail keyserver.

- Semi-formalised the location where `[[file:gpgme-python-howto#draft-editions]][draft versions]` of this HOWTO may

periodically be accessible. This is both for the reference of others and testing the publishing of the document itself. Renamed this file at around the same time.

- The Texinfo documentation build configuration has been replicated from the parent project in order to make to maintain consistency with that project (and actually ship with each release).

- a reStructuredText (`=.rst=`) version is also generated for Python developers more used to and comfortable with that format as it is the standard Python documentation format and Python developers may wish to use it with Sphinx. Please note that there has been no testing of the reStructuredText version with Sphinx at all. The reST file was generated by the simple expedient of using `[[https://pandoc.org/]][Pandoc]`.

-

Added a new section for `[[file:gpgme-python-howto#advanced-use]][advanced or experimental use]`.

- Began the advanced use cases with `[[file:gpgme-python-howto#cython]][a section]` on using the module with `[[https://cython.org/]][Cython]`.

- Added a number of new scripts to the `=example/howto=` directory; some of which may be in advance of their planned sections of the HOWTO (and some are just there because it seemed like a good idea at the time).

- Cleaned up a lot of things under the hood.

000

*H

010 UDE1!0U

Deutsches Forschungsnetz10UDFN-PCA1.0,U%DFN Top Level Certification Authority1!0 *H
certify@pca.dfn.de0

981029180310Z

011231180310Z010 UDE1!0U

Deutsches Forschungsnetz10UDFN-PCA1.0,U%DFN Top Level Certification Authority1!0 *H
certify@pca.dfn.de0"0

*H

0

nskV\$2r#iA4H|*/

:Sd;v

tD}L+~IWWD|eP&qH)

!l\p%,1.tlsmnQ,g-W)@\((t<kvm5j(d)9M_KGQJ0:qTE 00 `HB0) `HBhttps://mystic.pca.dfn.de/0A

`HB42http://www.pca.dfn.de/dfnpca/policy/wwwpolicy.html08 `HB

+)The DFN Top Level Certification Authority0! `HBcgi/check-rev.cgi?0 `HB

dfnpca.cr10U00U0

*H

^[:8\e7*%QC?:/JVgWPUB

OgGqjGVxl50%<Pb18 z;t~r0U<A%3#1'8b"<iX"V!k"*Q8&hAPI"3 00KUb&Qq'46_{D[JZ!i<=T

/OF

Wenn Sie dies lesen können, ist es wohl nicht
geheim genug.

1.13.1

This is gpgme.info, produced by makeinfo version 6.3 from gpgme.texi.

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INFO-DIR-SECTION GNU Libraries

START-INFO-DIR-ENTRY

* GPGME: (gpgme). Adding support for cryptography to your program.

END-INFO-DIR-ENTRY

This file documents the GPGME library.

This is Edition 1.12.1-beta100, last updated 3 December 2018, of The
GnuPG Made Easy Reference Manual, for Version
1.12.1-beta100.

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Indirect:

gpgme.info-1: 1689

gpgme.info-2: 301885

Tag Table:

(Indirect)

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End Tag Table

Local Variables:

coding: utf-8

End:

hkp4py

requests

\input texinfo @c *- texinfo -*

@c %**start of header

@setfilename what-was-new.info

@settitle What Was New in the GPGME Python Bindings and Documentation

@documentencoding utf-8

@documentlanguage en

@c %**end of header

@finalout

@titlepage
@title What Was New in the GPGME Python Bindings and Documentation
@author Ben McGinnes
@end titlepage

@contents

@ifnottex
@node Top
@top What Was New in the GPGME Python Bindings and Documentation
@end ifnottex

@menu
* What Was New::

@detailmenu
--- The Detailed Node Listing ---

What Was New

* What Was New in GPGME 1120::

What Was New in GPGME 1120

* New in GPGME 1120::

@end detailmenu
@end menu

@node What Was New
@chapter What Was New

@multitable {aaaaaaaaaaaaaaaa} {aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa}
@item Version:
@tab 0.0.1
@item GPGME Version:
@tab 1.13.0
@item Author:
@tab Ben McGinnes <ben@gnupg.org>
@item Author GPG Key:
@tab DB4724E6FA4286C92B4E55C4321E4E2373590E5D
@item Language:
@tab Australian English, British English
@item
xml:lang:
@tab en-AU, en-GB, en
@end multitable

The following are all the past `@emph{What's New}` sections for the Python Bindings HOWTO and other documentation.

`@menu`

`* What Was New in GPGME 1120::`

`@end menu`

`@node What Was New in GPGME 1120`

`@section What Was New in GPGME 1120`

The most obviously new point for those reading this guide is this section on other new things, but that's hardly important. Not given all the other things which spurred the need for adding this section and its subsections.

`@menu`

`* New in GPGME 1120::`

`@end menu`

`@node New in GPGME 1120`

`@subsection New in GPGME 1120`

There have been quite a number of additions to GPGME and the Python bindings to it since the last release of GPGME with versions 1.11.0 and 1.11.1 in April, 2018.

The bullet points of new additions are:

`@itemize`

`@item`

an expanded section on `@uref{gpgme-python-howto#installation, installing}` and `@uref{gpgme-python-howto#snafu, troubleshooting}` the Python bindings.

`@item`

The release of Python

3.7.0; which appears to be working just fine

with our bindings, in spite of intermittent reports of problems for many other Python projects with that new release.

`@item`

Python 3.7 has been moved to the head of the specified python versions list in the build process.

`@item`

In order to fix some other issues, there are certain underlying

functions which are more exposed through the `@uref{gpgme-python-howto#howto-get-context, gpg.Context()}`, but ongoing documentation ought to clarify that or otherwise provide the

best means of using the bindings. Some additions to `@samp{gpg.core}` and

the `@samp{Context()}`, however, were intended (see below).

`@item`

Continuing work in identifying and confirming the cause of oft-reported [gpgme-python-howto#snafu-runtime-not-funtime](#), problems installing the Python bindings on Windows}.

@item

GSOC: Google's Surreptitiously Ordered Conscriptioⁿ ^{erm} oh, right; Google's Summer of Code. Though there were two hopeful candidates this year;

only one ended up involved with the GnuPG

Project directly, the other concentrated on an unrelated third party project with closer ties to one of the GNU/Linux distributions than to the GnuPG Project. Thus the Python bindings benefited from GSOC participant Jacob Adams, who added the `key@math{ _import }` function; building on prior work by Tobias Mueller.

@item

Several new methods functions were added to the `gpg.Context()`, including: [gpgme-python-howto#howto-import-key](#), `key@math{ _import }`}, [gpgme-python-howto#howto-export-key](#), `key@math{ _export }`}, [gpgme-python-howto#howto-export-public-key](#), `key@math{ _export }@math{ _minimal }`}} and

[gpgme-python-howto#howto-export-secret-key](#), `key@math{ _export }@math{ _secret }`}}.

@item

Importing and exporting examples include versions integrated with Marcel Fest's recently released <https://github.com/Selfnet/hkp4py>, HKP for Python} module. Some [gpgme-python-howto#hkp4py](#), additional notes on this module} are included at the end of the HOWTO.

@item

Instructions for dealing with semi-walled garden implementations like ProtonMail are also included. This is intended to make things a little easier when communicating with users of ProtonMail's services and should not be construed as an endorsement of said service. The GnuPG Project neither favours, nor disfavors ProtonMail and the majority of this deals with interacting with the ProtonMail keyserver.

@item

Semi-formalised the location where [gpgme-python-howto#draft-editions](#), draft versions} of this HOWTO may

periodically be accessible. This is both for the reference of others and testing the publishing of the document itself. Renamed this file at around the same time.

@item

The Texinfo documentation build configuration has been replicated from the parent project in order to make to maintain consistency with that project (and actually ship with each release).

@item

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Added a number of new scripts to the `@samp{example/howto/}` directory; some of which may be in advance of their planned sections of the HOWTO (and some are just there because it seemed like a good idea at the time).

@item

Cleaned up a lot of things under the hood.

@end itemize

@bye

Additional license notices for GPGME. - *- org - *-

This file contains the copying permission notices for various files in the GPGME distribution which are not covered by the GNU Lesser General Public License (LGPL) or the GNU General Public License (GPL).

These notices all require that a copy of the notice be included in the accompanying documentation and be distributed with binary distributions of the code, so be sure to include this file along with any binary distributions derived from the GNU C Library.

* MIT License

For files:
- cJSON.c, cJSON.h

#+begin_quote
Copyright (c) 2009 Dave Gamble

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#+end_quote

-*- mode: org -*-

#+TITLE: Maintenance Mode

#+AUTHOR: Ben McGinnes

#+LATEX_COMPILER: xelatex

#+LATEX_CLASS: article

#+LATEX_CLASS_OPTIONS: [12pt]

#+LATEX_HEADER: \usepackage{xltextra}

#+LATEX_HEADER: \usepackage[margin=1in]{geometry}

#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Times New Roman}

#+LATEX_HEADER: \author{Ben McGinnes <ben@gnupg.org>}

* Maintenance Mode from 2019

:PROPERTIES:

:CUSTOM_ID: maintenance-mode

:END:

Version:	0.0.1
GPGME Version:	1.13.0
Author:	Ben McGinnes <ben@gnupg.org>
Author GPG Key:	DB4724E6FA4286C92B4E55C4321E4E2373590E5D
Language:	Australian English, British English
xml:lang:	en-AU, en-GB, en

From the beginning of 2019 the Python bindings to GPGME will enter maintenance mode, meaning that new features will not be added and only bug fixes and security fixes will be made.

This also means that documentation beyond that existing at the end of 2018 will not be developed further except to correct errors.

Though use of these bindings appears to have been quite well received, there has been no indication of what demand there is, if any for either financial backing of the current Python bindings development or support contracts with g10code GmbH citing the necessity of including the bindings.

** Maintainer from 2019 onward

:PROPERTIES:

```
:CUSTOM_ID: maintenance-mode-bm
:END:
```

How does this affect the position of GnuPG Python Bindings Maintainer?

Well, I will remain as maintainer of the bindings; but without funding for that position, the amount of time I will be able to dedicate solely to this task will be limited and reduced to volunteered time. As with all volunteered time and effort in free software projects, this will be subject to numerous external imperatives.

```
** Using the Python Bindings from 2019 and beyond
:PROPERTIES:
:CUSTOM_ID:
maintenance-mode-blade-runner
:END:
```

For most, if not all, Python developers using these bindings; they will continue to just work the same as they always have. Expansions of GPGME itself are usually handled by SWIG with the existing code and thus bindings are generated properly when the bindings are installed alongside GPGME and when the latter is built from source.

In the rare circumstances where that is not enough to address some new addition to GPGME, then that is a bug and thus subject to the maintenance mode provisions (i.e. it will be fixed following a bug report being raised and your humble author will need to remember where the timesheet template was filed, depending on how many years off such an event is).

All the GPGME functionality will continue to be accessible via the lower level, dynamically generated methods which match the GPGME C documentation. While the more intuitively Pythonic higher level layer already covers the vast majority of functionality people require with key generation, signatures, certifications (key signing), encryption, decryption, verification, validation, trust levels and so on.

Any wanted features lacking in the Python bindings are usually lacking because they are missing from GPGME itself (e.g. revoking keys via the API) and in such cases they are usually deliberately excluded. More discussion of these issues can be found in the archives of the [\[\[https://lists.gnupg.org/mailman/listinfo/gnupg-devel\]\]](https://lists.gnupg.org/mailman/listinfo/gnupg-devel) [gnupg-devel mailing list].

Any features existing in the dynamically generated layer for which people want a specific, higher level function included to make it more Pythonic (e.g. to avoid needing to learn or memorise cryptographic

mode values or GnuPG status code numbers), would be a feature request and /not/ a bug.

It is still worthwhile requesting it, but the addition of such a feature would not be guaranteed and provided on a purely volunteer basis. Expediting such a request would require funding that request.

Those

with a commercial interest in expediting such a feature request already know how to [<https://gnupg.org/cgi-bin/procdonate.cgi?mode=preset>][expedite it] (use the message field to state what feature is being requested).

** Documentation formats

```
:PROPERTIES:  
:CUSTOM_ID: docs  
:END:
```

The documentation has been written in Org mode for GNU Emacs, with both Texinfo and reStructuredText formats generated from that. The Texinfo files are intended for use with the rest of the GnuPG documentation; while the reStructuredText files are intended for use with Docutils and Sphinx, as with other Python projects.

*** Cautionary Notes regarding Sphinx and EPUB

```
:PROPERTIES:  
:CUSTOM_ID: sphinx-made-epubs-suck  
:END:
```

Though Python's Docutils in conjunction with Sphinx is capable of generating some very useful HTML sites, as proven by [<https://readthedocs.org/>][Read the Docs] and the [<https://docs.python.org/>][Python documentation]], there are a number of output formats it does not

handle well. At the top of the list of things it manages to break so atrociously as to be embarrassing is the [<http://idpf.org/epub/>][EPUB 3] format.

The automatically generated EPUB of the CPython documentation always contains hundreds of validation errors and even the modest amount of documentation here [<https://files.au.adversary.org.s3.amazonaws.com/crypto/gpgme-python/rst/epub/GPGMEPythonBindings.epub>][produced a file] with approximately thirty validation errors. As the volume of documentation content increases, so does the induced errors. Whereas Texinfo doesn't produce EPUB output at all, nor does Org-mode.

Should there ever be genuine demand for this format, lodge a [<https://dev.gnupg.org/maniphest/task/edit/form/4/>][feature

request]] case marked for [[https://dev.gnupg.org/p/BenM/][my]] attention. The means of generating such files flawlessly is already available, but is not yet part of the GnuPG build system. Nor is it integrated with a means of converting Org

mode input files to the relevant base format automatically, as can already be done when converting Org to reStructuredText or Org to Texinfo. As a certain amount of work would be required to get it done, there would need to be clear demand for that work to be done.

Just GNU it!

```
(11:private-key(3:dsa(1:p129:eC_L&$2,6tx.gh1VirIqI9
,^g3.$DveUvX1'oIj)(1:q21: #UfK2z(tuVG)(1:g128:zu^Rab;qeQQA B?/6/aspfE/
gx!Mr0YY*oMrJc2xWG:.r6)(1:y128:Ufj^@oEn4j#QrRq" RcEa E/}4C[3A
5+~~.#!+
)W&5dij)(1:x21:` )))
```

2011-12-02 Werner Koch <wk@g10code.com>

NB: ChangeLog files are no longer manually maintained. Starting on December 1st, 2011 we put change information only in the GIT commit log, and generate a top-level ChangeLog file from logs at "make dist". See doc/HACKING for details.

2011-10-25 Marcus Brinkmann <marcus@g10code.com>

- * m4/pth.m4: Removed.
- * configure.ac: Remove check for pth and automake conditional HAVE_PTH.

2011-06-16 Marcus Brinkmann <marcus@g10code.com>

Release 1.3.1

- * configure.ac: Set LT version to C19/A8/R0.

2011-05-06 Marcus Brinkmann <marcus@g10code.com>

- * Makefile.am (SUBDIRS): Remove complus.
- * configure.ac (AC_CONFIG_FILES): Remove complus/Makefile. (BUILD_COMPLUS): Remove AM_CONDITIONAL.
- * complus/: Remove very old and stale component.
- * acinclude.m4 (GNUPG_FIX_HDR_VERSION): Remove.

2011-04-14 Werner Koch <wk@g10code.com>

- * configure.ac: Require automake 1.11.

2011-04-06 Werner Koch <wk@g10code.com>

* autogen.sh (--build-w32):

Support option --build-w64.

* configure.ac (HAVE_W64_SYSTEM): Define.

(INSERT__TYPEDEFS_FOR_GPGME_H): New.

(GPGME_CONFIG_HOST): New.

2011-02-02 Marcus Brinkmann <mb@g10code.com>

* configure.ac (NEED_LIBASSUAN_VERSION): Bump to 2.0.2 for system hooks.

2010-12-30 Werner Koch <wk@g10code.com>

* configure.ac: Support a git revision.

2010-11-03 Werner Koch <wk@g10code.com>

* configure.ac (AC_CHECK_HEADERS): Check for sys/types.h and sys.stat.h.

2010-11-02 Werner Koch <wk@g10code.com>

* configure.ac (AC_CHECK_HEADERS): Check for sys.time.h.

2010-08-19 Werner Koch <wk@g10code.com>

* configure.ac (AH_BOTTOM): Define GPG_ERR_ENABLE_ERRNO_MACROS.

2010-05-12 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Check for setlocale.

2010-05-07 Werner Koch <wk@g10code.com>

* configure.ac: Change checks to always require libassuan.

2010-05-07 Marcus Brinkmann <marcus@g10code.de>

* autogen.sh: Update the thing.

* configure.ac: Check for locale.h.

2010-05-06

Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Detect Windows CE.

(HAVE_W32CE_SYSTEM): New symbol and automake conditional.

* ltmain.sh, m4/libtool.m4: Patch so that it works for Windows CE.

* configure.ac: Require libpgp-error 1.8.

2010-03-15 Werner Koch <wk@g10code.com>

* configure.ac (emacs_local_vars_begin)
(emacs_local_vars_read_only, emacs_local_vars_end): New.

2010-01-22 Werner Koch <wk@g10code.com>

* autogen.sh (--build-w32): Add --with-libassuan-prefix.

2010-01-11 Marcus Brinkmann <marcus@g10code.de>

Release 1.3.0.

2009-12-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Do not use echo -n. Test for __thread.

2009-12-17 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Make largefile check more robust.

2009-12-10 Werner Koch <wk@g10code.com>

* configure.ac: Check for getgid and getegid.

2009-12-08 Marcus Brinkmann <marcus@g10code.de>

Update to libtool 2.2.6a.

* configure.ac: Invoke AC_CONFIG_MACRO_DIR.

(AC_LIBTOOL_WIN32_DLL,

AC_LIBTOOL_RC): Replace by ...

(LT_PREREQ, LT_INIT, LT_LANG): ... these.

* config.guess, config.sub, install-sh, ltmain.sh, m4/libtool.m4:

Updated to libtool 2.2.6a.

* m4/ltoptions.m4, m4/ltsugar.m4, m4/ltversion.m4,

m4/lt~obsolete.m4: New files from libtool 2.2.6a.

2009-11-10 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Activate UIserver if FD passing is enabled and
Assuan is available.

2009-10-30 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Check for argp.h and error_t.

2009-10-26 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (NEED_GPG_VERSION_DEFAULT): Bump to 1.4.0 as 1.3.0 was development versions only.

2009-10-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add support for G13.

2009-10-20 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_CONFIG_FILES): Remove assuan/Makefile.

2009-10-20 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Replace internal libassuan by external libassuan.

* m4/libassuan.m4:

New file.

* Makefile.am (assuan): Remove variable.

(SUBDIRS): Remove \${assuan}.

* assuan/: Removed.

2009-06-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add AC_TYPE_UINTPTR_T.

* assuan/assuan.h [_ASSUAN_IN_GPGME_BUILD_ASSUAN]: Declare _gpgme_io_connect.

2009-06-18 Marcus Brinkmann <marcus@g10code.de>

Released GPGME 1.2.0.

* configure.ac (my_version): Set to 1.2.0.

(LIBGPGME_LT_CURRENT, LIBGPGME_LT_AGE): Bump.

(LIBGPGME_LT_REVISION): Reset.

2009-05-05 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add infrastructure for compile time check of _FILE_OFFSET_BITS.

2009-04-19 Moritz <moritz@gnu.org>

* Makefile.am (DISTCHECK_CONFIGURE_FLAGS): Specify --with-gpg.

2009-03-06 Marcus Brinkmann <marcus@g10code.de>

* assuan/: Update to libassuan SVN 2009-03-06.

2009-01-26 Werner Koch <wk@g10code.com>

* configure.ac (AC_CONFIG_FILES): Add tests/opassuan/Makefile.

2008-12-08 Marcus Brinkmann <marcus@g10code.de>

Release GPGME

1.1.8.

* configure.ac: Bump API revision.

2008-11-03 Marcus Brinkmann <marcus@g10code.com>

* configure.ac: Replace gpgme paths with src.

* gpgme: Move to ...

* src: ... this new directory.

2008-10-20 Werner Koch <wk@g10code.com>

* configure.ac (AC_CONFIG_FILES): Add gpgme.h.

(GNUPG_FIX_HDR_VERSION): Remove.

2008-10-17 Marcus Brinkmann <marcus@g10code.com>

Release GPGME 1.1.7.

* configure.ac (LIBGPGME_LT_REVISION): Bump for release.

2008-09-19 Moritz <moritz@gnu.org>

* configure.ac: Remove bogus "esac".

2008-09-16 Marcus Brinkmann <marcus@g10code.com>

* configure.ac (_XOPEN_SOURCE) [apple-darwin]: Define it.

2008-07-04 Werner Koch <wk@g10code.com>

* config.guess, config.sub: Update to 2007-11-19. Also update missing et al scripts.

2008-04-01 Werner Koch <wk@g10code.com>

* configure.ac (AC_INIT): Fix quoting.

2008-01-30 Marcus Brinkmann <marcus@g10code.de>

- * configure.ac: Bump required version of automake up to 1.10.
- * autogen.sh: Fix
aclocal check.

2008-01-04 Marcus Brinkmann <marcus@g10code.de>

Release GPGME 1.1.6.

- * configure.ac: Support gpgconf.

2007-09-27 Marcus Brinkmann <marcus@g10code.de>

- * assuan-pipe-connect.c (pipe_connect_gpgme): Do not close process handle here. Use this function also on Unix systems.

- * assuan-pipe-connect.c (pipe_connect_gpgme): Fix last change.

- * assuan-pipe-connect.c (pipe_connect_gpgme): New function, use it if `_ASSUAN_IN_GPGME_BUILD_ASSUAN`.

2007-09-17 Werner Koch <wk@g10code.com>

- * configure.ac: Use the svn version magic.

2007-09-07 Marcus Brinkmann <marcus@g10code.de>

- * configure.ac: Check for C++, Qt and support `--enable-w32-qt`.
- * m4/pkg.m4: New file.

2007-08-21 Marcus Brinkmann <marcus@g10code.de>

- * configure.ac (`--enable-w32-glib`): Use `--enableval`, not `--withval`.

2007-07-16 Marcus Brinkmann <marcus@g10code.de>

- * assuan/assuan-socket.c (`_assuan_close`): Always use `close()`.
- * assuan/assuan.h (`_gpgme_io_close`): New prototype.
(`close`): New
macro, define as `_gpgme_io_close`.

2007-07-13 Marcus Brinkmann <marcus@g10code.de>

- * assuan/assuan-io.c (`_assuan_simple_read`, `_assuan_simple_write`):
Always use `read/write` (which means `_gpgme_io_read` and
`_gpgme_io_write`).

2007-07-09 Marcus Brinkmann <marcus@g10code.de>

Released 1.1.5.

* configure.ac (LIBGPGME_LT_REVISION): Bump for release.

2007-07-08 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (GPGSM_DEFAULT) [*-mingw32*]: Initialize it.
(HAVE_ASSUAN_H): Set to 1 if we have it.
(funopen): Use AC_REPLACE_FUNCS.
(USE_DESCRIPTOR_PASSING): Define to 1 if we have it. Do not
define it at all if we don't.
(NETLIBS) [have_w32_system]: Add -lws2_32.
(DIRSEP_C, DIRSEP_S, EXPSEP_C, EXPSEP_S, PATHSEP_S)
[HAVE_DOSISH_SYSTEM]: Remove definitions.

* assuan/assuan.h (_assuan_funopen): Define to _gpgme_funopen.
* assuan/funopen.c: Move to ../gpgme/funopen.c.
* assuan/Makefile.am (libassuan_la_SOURCES): Remove funopen.c.

2007-07-04 Marcus Brinkmann <marcus@g10code.de>

*
assuan/Makefile.am (INCLUDES): Include \$(top_srcdir)/gpgme.
* assuan/assuan.h: Include <ath.h> instead of trying to duplicate
the definitions.

* assuan/: Update files to 2007-07-04 version of assuan.

* autogen.sh: Use = not == in test.

2007-03-05 Werner Koch <wk@g10code.com>

Released 1.1.4.

* configure.ac (LIBGPGME_LT_REVISION): Bump for release.

* autogen.sh: New option --force.

2007-01-29 Marcus Brinkmann <marcus@g10code.de>

Released 1.1.3.

* configure.ac (LIBGPGME_LT_REVISION): Bump for release.

2007-01-26 Werner Koch <wk@g10code.com>

* configure.ac: Changed gpg and gpgsm version checks to work with arbitrary names of the gpg binary. New option --disable-gpg-test and --disable-gpgsm-test.

2007-01-09 Werner Koch <wk@g10code.com>

* configure.ac (NEED_GPG_VERSION, NEED_GPGSM_VERSION): Must define after it may have been changed by an option.

2007-01-08 Werner Koch <wk@g10code.com>

* configure.ac: Require gpg-error 1.4 due to the use of gpg_error_from_syserror.
(HAVE_ASSUAN_H):
New.

2007-01-05 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add options --with-gpg-version and --with-gpgsm-version to allow overriding the minimum version requirements.

2006-12-17 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Fix two typos in last change.

2006-12-03 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Use descriptor passing only if --enable-fd-passing is provided.

* configure.ac: Add check for use of descriptor passing.

2006-11-29 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (NEED_GPG_VERSION): Bump to 1.3.0.

2006-09-19 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Turn stpcpy into a replacement function.
Check for unistd.h and add setenv as replacement function.

2006-07-29 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Check for network libraries and set NETLIBS.

2006-07-06 Marcus Brinkmann <marcus@g10code.de>

* lang, lang/cl: New subdirectories.

*

lang/Makefile.am, lang/README: New files.

* configure.ac (AC_CONFIG_FILES): Add lang/Makefile,
lang/cl/Makefile and lang/cl/gpgme.asd.

* Makefile.am (SUBDIRS): Add lang.

2006-03-02 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (LIBGPGME_LT_REVISION): Bump for release.

2006-02-22 Marcus Brinkmann <marcus@g10code.de>

Released 1.1.1.

* configure.ac (LIBGPGME_LT_CURRENT, LIBGPGME_LT_AGE): Bump for
release.

(LIBGPGME_LT_REVISION): Reset to 0 for release.

2006-01-05 Werner Koch <wk@g10code.com>

* configure.ac: Test for inline feature.

(AH_BOTTOM): New to define the pure attribute.

2006-01-03 Werner Koch <wk@g10code.com>

* configure.ac: Append SVN revision to the version.

2005-11-18 Werner Koch <wk@g10code.com>

* configure.ac (BUILD_REVISION): New.

2005-11-17 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add support for --enable-w32-glib (disabled by
default). Invoke AM_PATH_GLIB_2_0.

2005-11-16 Werner Koch <wk@g10code.com>

* configure.ac

(CFLAGS) [W32]: Make sure that -mms-bitfields are used.

2005-11-15 Werner Koch <wk@g10code.com>

* configure.ac: Create BUILD_FILEVERSION from SVN Revision.

* autogen.sh [W32]: Build shared and static versions of the library.

2005-10-20 Marcus Brinkmann <marcus@g10code.de>

* w32-dll/ChangeLog, w32-dll/build-dll, w32-dll/gpgme.def: Remove files.

* configure.ac: Instead checking for windres and dlltool, invoke AC_LIBTOOL_WIN32_DLL and AC_LIBTOOL_RC.

* src/Makefile.am [HAVE_W32_SYSTEM]: Use libtool, which simplifies the rules.

2005-10-01 Marcus Brinkmann <marcus@g10code.de>

Released 1.1.0.

* configure.ac (LIBGPGME_LT_CURRENT, LIBGPGME_LT_AGE): Bump for release.

(LIBGPGME_LT_REVISION): Reset to 0 for release.

2005-09-12 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (HAVE_PTH): Don't add \$PTH_CFLAGS to \$CFLAGS here.

2005-08-26 Werner Koch <wk@g10code.com>

* configure.ac (SEPCONSTANTS): New to define DIRSEP_C et al.

2005-08-19 Werner Koch <wk@g10code.com>

*

configure.ac [W32]: Create values for versioninfo.rc and list substitute versioninfo.rc.

* configure.ac: Define ENABLE_GPGSM.

2005-08-08 Werner Koch <wk@g10code.com>

* configure.ac (stpcpy): Changed from replace to test.

2005-03-24 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AH_BOTTOM): Removed.

2005-03-09 Werner Koch <wk@g10code.com>

* acinclude.m4 (GNUPG_CHECK_VA_COPY): Assume no when cross-compiling.

* Makefile.am (EXTRA_DIST): Include autogen.sh

* autogen.sh: Added the usual code to build for W32 (--build-w32).

* configure.ac: Fixed the mingw32 host string, removed OS/2 stuff.

(HAVE_DRIVE_LETTERS): Removed.

(HAVE_W32_SYSTEM): Added.

(AC_GNU_SOURCE): New to replace the identical AH_VERBATIM.

(AH_BOTTOM): Added.

2004-12-28 Werner Koch <wk@g10code.com>

Released 1.0.2.

* Makefile.am (AUTOMAKE_OPTIONS): Build bzip 2 version.

(ACLOCAL_AMFLAGS): Add -I m4.

* configure.ac: Require automake 1.9.3 and autoconf 2.59.

* acinclude.m4:

Changed quoting for automake 1.9.

* README: Use SHA1 instead of MD5.

2004-12-11 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Replace ttyname_r if it doesn't exist (and warn in that case).

2004-12-07 Marcus Brinkmann <marcus@g10code.de>

* README: Refer to COPYING.LESSER and "each file" instead of COPYING.

* COPYING.LESSER: New file.

* gpgme.spec.in (%doc): Add COPYING.LESSER.

* acinclude.m4, configure.ac, Makefile.am: Change license to LGPL 2.1 or later.

* TODO: Add copyright notice.

* README.CVS: Likewise.

* configure.ac (GPGSM_VERSION): Fix filter to get it.

2004-10-22 Marcus Brinkmann <marcus@g10code.de>

Released 1.0.1.

* configure.ac (LIBGPGME_LT_REVISION): Bump up to 2.

(AC_INIT): Set version to 1.0.1.

* configure.ac: Set HAVE_GPGSM to true only if \$GPGSM is not "no".

2004-09-30 Marcus Brinkmann <marcus@g10code.de>

Released 1.0.0.

* configure.ac (LIBGPGME_LT_REVISION): Bump up to 1.
(AC_INIT): Set version to 1.0.0.

* Makefile.am
(EXTRA_DIST): Remove README-alpha.
* README-alpha: Remove file.

2004-09-17 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Disable AC_CONFIG_MACRO_DIR for now.

2004-09-14 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Improve diagnostics with version check.

* configure.ac: Print diagnostics about found thread libraries at
the end. Check for the versions of GPG and GPGSM and print the
found versions at the end.
(HAVE_GPGSM): Do not require GPGSM to exist and be readable.
(AC_CONFIG_MACRO_DIR): Invoke with argument m4.

* acinclude.m4: Add copyright notice.
(jm_GLIBC21, AM_PATH_GPG_ERROR, _AC_PTH_ERROR, _AC_PTH_VERBOSE,
AC_CHECK_PTH): Removed.

2004-06-23 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Check for <sys/uiio.h>.

2004-06-08 Marcus Brinkmann <marcus@g10code.de>

Released 0.9.0.

* configure.ac (AC_INIT): Set version number to 0.9.0.
(LIBGPGME_LT_CURRENT, LIBGPGME_LT_AGE): Bump up by one.
(LIBGPGME_LT_REVISION): Reset to zero.

2004-05-21

Marcus Brinkmann <marcus@g10code.de>

* configure.ac (GPGME_CONFIG_API_VERSION): New variable,
substitute it.

2004-04-29 Marcus Brinkmann <marcus@g10code.de>

Released 0.4.7.

* configure.ac (LIBGPGME_LT_REVISION): Bump it up.

2004-04-02 Thomas Schwinge <schwinge@nic-nac-project.de>

* autogen.sh: Added ACLOCAL_FLAGS.

2004-04-06 Werner Koch <wk@gnupg.org>

Released 0.4.6.

* config.guess, config.sub, ltmain.sh: Updated to those from libtools 1.5.4.

2004-03-07 Marcus Brinkmann <marcus@g10code.de>

Released 0.4.5.

* configure.ac (NEED_GPGSM_VERSION): Bump up to 1.9.6.

* Makefile.am (EXTRA_DIST): Remove autogen.sh and README.CVS.

2004-02-18 Werner Koch <wk@gnupg.org>

* configure.ac: Make the check for funopen fail with just a warning.

2004-02-11 Werner Koch <wk@gnupg.org>

* autogen.sh (check_version): Removed bashism and simplified.

2004-02-10 Werner Koch <wk@gnupg.org>

* configure.ac: Fixed funopen test change.

2004-02-06 Moritz Schulte

<mo@g10code.com>

* configure.ac: Fix funopen replacement mechanism.

2004-01-31 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add invocation of AC_SYS_LARGEFILE, AC_TYPE_OFF_T and AC_FUNC_FSEEKO.

2004-01-12 Werner Koch <wk@gnupg.org>

Released 0.4.4.

* configure.ac: Bumbed LT_Revision; now at C12/A1/R1.
(NEED_GPGSM_VERSION): Set to 1.9.3.
(min_automake_version): Added.
* README.CVS: New.
* Makefile.am (EXTRA_DIST): Added README.CVS.
* autogen.sh: Updated.

2003-11-19 Werner Koch <wk@gnupg.org>

* acinclude.m4: Add AM_PATH_GPG_ERROR.
* configure.ac: Check for timegm. Made warning messages more prominent.

2003-10-06 Marcus Brinkmann <marcus@g10code.de>

Released 0.4.3.

* configure.ac (LIBGPGME_LT_CURRENT, LIBGPGME_LT_AGE): Bump up by 1.
(LIBGPGME_LT_REVISION): Set to 0.

2003-09-13 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Require libpgp-error 0.5.

* acinclude.m4: Remove libtool cruft, add jm_GLIBC21.
* configure.ac: Add check for
getenv_r, and call jm_GLIBC21.
Define HAVE_THREAD_SAFE_GETENV if appropriate.

2003-09-03 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Remove GPGME_CONFIG_LIBS and GPGME_CONFIG_CFLAGS.

2003-09-02 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Move invocation of AC_CANONICAL_HOST up to
suppress warning by autoconf.

2003-08-30 Robert Schiele <rschiele@uni-mannheim.de>

* gpgme.spec.in: % {_infodir}/dir is not packaged,
remove to prevent checking failure.

2003-08-18 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: If building Assuan, check for funopen and
fopencookie, and make isascii, putc_unlocked and memrchr

replacement functions.

(AM_PATH_GPG_ERROR): Require 0.3.

2003-07-31 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_INIT): Bump version to 0.4.3.

2003-07-30 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (LIBGPGME_LT_REVISION): Bump up to 1.

Released 0.4.2.

2003-07-08 Marcus Brinkmann <marcus@g10code.de>

* configure.ac:

Complain if libgpg-error is not found.

2003-06-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_INIT): Bump version to 0.4.2.

2003-06-06 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (LIBGPGME_LT_CURRENT): Bump up to 11.

* configure.ac: Use AM_PATH_GPG_ERROR.

* configure.ac: Check for libgpg-error. Define
GPG_ERR_SOURCE_DEFAULT.

2003-05-26 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (NEED_GPG_VERSION): Bump up to 1.2.2.

2003-05-18 Marcus Brinkmann <marcus@g10code.de>

In all files, replace the Gpgme* type names with the new gpgme_*
type names.

2003-02-01 Marcus Brinkmann <marcus@g10code.de>

* assuan/: Update files to 2002-11-10 version of assuan.

2003-01-29 Marcus Brinkmann <marcus@g10code.de>

* bonobo/gpgme.c, bonobo/main.c, bonobo/main.h, bonobo/Makefile,
bonobo/Makefile.am, bonobo/Makefile.in: Dead files removed.

* configure.ac: Remove automake conditional BUILD_BONOBO
(AC_CONFIG_FILES): Remove bonobo/Makefile.

*

Makefile.am (bonobo): Remove variable.
(SUBDIRS): Remove \${bonobo}.

* configure.ac: Remove all uses of GNUPG_CHECK_TYPEDEF, for byte,
ushort, ulong, u16 and u32.

* acinclude.m4 (GNUPG_CHECK_TYPEDEF): Remove macro.

2002-12-24 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: New conditional HAVE_LD_VERSION_SCRIPT.
Call AC_CANONICAL_HOST, use host instead target.

2002-12-23 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Bump up to 0.4.1.

Released 0.4.0.

2002-12-23 Marcus Brinkmann <marcus@g10code.de>

* autogen.sh (automake_vers): Require 1.7 (really 1.7.1) for the
conditional source distribution bug fix.

2002-12-08 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (LIBGPGME_LT_CURRENT): Increase by one.
(LIBGPGME_LT_AGE, LIBGPGME_LT_REVISION): Set to 0.

2002-11-28 Marcus Brinkmann <marcus@g10code.de>

* NEWS: Add note about moving "gpgmeplug" to the "cryptplug"
package.

* README: Remove instructions related to "gpgmeplug".

* configure.ac:

Remove enable option "gpgmeplug" and automake
conditional BUILD_GPGMEPLUG, as well as the status info about it.
(GPGMEPLUG): Remove variable.

* Makefile.am (gpgmeplug): Remove variable.

(SUBDIRS): Remove \${gpgmeplug}.

* cryptplug.h, gpgme-openpgp.c, gpgmeplug.dox, gpgme-smime.c,
Makefile.am, gpgmeplug.c, ChangeLog: Files removed.

2002-11-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Disable GPGSM for all dosish systems.

2002-10-12 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add automake conditional HAVE_GPGSM.

2002-10-08 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_INIT): Bump version up to 0.4.0.

(NEED_GPG_VERSION): Bump up to 1.2.0.

(NEED_GPGSM_VERSION): Bump up to 0.9.0.

* README: Update version numbers.

* NEWS: Start entry for 0.4.0.

2002-09-20 Werner Koch <wk@gnupg.org>

Released 0.3.11.

* configure.ac: Bump up LIBGPGME_LT_REVISION.

* configure.ac (AC_CHECK_HEADERS): Check for sys/select.h.

2002-09-04 Marcus Brinkmann

<marcus@g10code.de>

* autogen.sh (autoconf_vers): Bump up to 2.53 to get the @&t@
quadrigraph. Always cutting the edge!

2002-09-02 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Create and substitute LTLIBOBS.

2002-09-02 Marcus Brinkmann <marcus@g10code.de>

Released 0.3.10.

* NEWS: Update for 0.3.9 release.

* configure.ac: Bump up LIBGPGME_LT_REVISION.

2002-08-29 Marcus Brinkmann <marcus@g10code.de>

* gpgme.spec.in: Changed user name in Wojciech Polak's email
address from ghostface to polak per request by himself.

2002-08-28 Werner Koch <wk@gnupg.org>

* acinclude.m4 (GNUPG_CHECK_VA_COPY): New.

* configure.ac: Use it.

2002-08-23 Werner Koch <wk@gnupg.org>

* configure.ac (GPGME_CONFIG_CFLAGS): Renamed from GPGME_CFLAGS and removed the libpath because it is set by the config script.

2002-08-21 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Bump version number to 0.3.10.

* NEWS: Add template for development version.

2002-08-21

Marcus Brinkmann <marcus@g10code.de>

Released 0.3.9.

* NEWS: Update for 0.3.9 release.

* Makefile.am (EXTRA_DIST): Add gpgme.spec.in.

2002-08-21 Marcus Brinkmann <marcus@g10code.de>

* jnlib/argparse.c, jnlib/argparse.h, jnlib/ChangeLog, jnlib/dotlock.c, jnlib/dotlock.h, jnlib/libjnlib-config.h, jnlib/logging.c, jnlib/logging.h, jnlib/Makefile.am, jnlib/mischelp.h, jnlib/README, jnlib/stringhelp.c, jnlib/stringhelp.h, jnlib/strlist.c, jnlib/strlist.h, jnlib/types.h, jnlib/xmalloc.c, jnlib/xmalloc.h: Remove files.

2002-08-21 Marcus Brinkmann <marcus@g10code.de>

* Makefile.am (SUBDIRS): Remove jnlib.

* configure.ac: Don't check for unsigned short or unsigned long.

Don't check for memicmp, strtwr, strtoul, memmove, stricmp.

Make stpcpy a replaced function.

Don't define HAVE_JNLIB_LOGGING.

Don't generate jnlib/Makefile.

2002-07-02 Werner Koch <wk@gnupg.org>

* configure.ac: Bumped version number to 0.3.9; add a comment on when to change it.

* gpgme.spec.in:

New. Contributed by Wojciech Polak.

* Makefile.am (dist-hook): New.

* AUTHORS: Added Wojciech and bug reporting addresses.

2002-06-25 Werner Koch <wk@gnupg.org>

Released 0.3.8.

* configure.ac: Bumbed LT version to 9/3/0.
(NEED_GPGSM_VERSION): Need 0.3.8 due to fixed export command.

2002-06-04 Marcus Brinkmann <marcus@g10code.de>

Released 0.3.7.

* configure.ac (AC_INIT): Set version to 0.3.7.
(LIBGPGME_LT_REVISION): Add one.

* README: Document version requirement correctly.

2002-06-02 Marcus Brinkmann <marcus@g10code.de>

* acinclude.m4: Fix Pth check so that it doesn't error out if pth
is not found.

2002-06-02 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add checks for Pth and pthreads.
* acinclude.m4: Add slightly hacked check for pth (seems to be an
autoconf version problem).

2002-05-21 Werner Koch <wk@gnupg.org>

* configure.ac (NEED_GPGSM_VERSION): We need gpgsm 0.3.7.

2002-05-03 Werner Koch <wk@gnupg.org>

Released 0.3.6.

2002-04-05

Marcus Brinkmann <marcus@g10code.de>

* acconfig.h: File removed.
* configure.ac (NEED_GPG_VERSION): Add description.
(NEED_GPGSM_VERSION): Likewise.
(HAVE_DOSISH_SYSTEM): Likewise.
(HAVE_DRIVE_LETTERS): Likewise.
(GPG_PATH): Likewise.
(GPGSM_PATH): Likewise.
* acinclude.m4 (GNUPG_CHECK_TYPEDEF): Likewise.

2002-04-01 Werner Koch <wk@gnupg.org>

Released 0.3.5.

2002-03-17 Marcus Brinkmann <marcus@g10code.de>

* configure.ac: Add automake conditional HAVE_DOSISH_SYSTEM.

2002-03-04 Werner Koch <wk@gnupg.org>

* configure.ac: Bumbed version to 0.3.4-cvs to continue development.

Released 0.3.4.

* configure.ac: Bumbed LT version numbers to (7,1,0), requires
gpgsm 0.3.1.

2002-03-03 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_INIT): Change version number to snapshot CVS
version.

2002-02-13 Werner Koch <wk@gnupg.org>

* configure.ac (vasprintf,fopencookie): Add checks.

2002-02-12 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_INIT):

Bump version to 0.3.3.

* jnlib/Makefile.am: Revert to older version that includes xmalloc
but not dotlock and some other files. Reported by Stphane
Corthsy.

2002-02-10 Marcus Brinkmann <marcus@g10code.de>

* Released 0.3.2.

* configure.ac (AC_INIT): Bump version to 0.3.2.

* jnlib/libjnlibconfig.h: Revert to older version that doesn't
expect libgcrypt. Reported by Jose Carlos Garcia Sogo
<jsogo@debian.org>.

2002-02-09 Marcus Brinkmann <marcus@g10code.de>

* Released 0.3.1.

* configure.ac (LIBGPGME_LT_CURRENT): Bump it up to 6!
(NEED_GPGSM_VERSION): Bump it up to 0.3.0!

(AC_INIT): Bump version to 0.3.1

2002-01-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (HAVE_JNLIB_LOGGING): Define always for assuan.

2001-12-19 Werner Koch <wk@gnupg.org>

* configure.ac (VERSION,PACKAGE): Defined and subst. Used for AM_INIT_AUTOMAKE and moved all version number more to the top.

2001-12-18 Marcus Brinkmann <marcus@g10code.de>

* autogen.sh (libtool_vers):

Bump to 1.4.

* configure.ac (LIBGPGME_LT_CURRENT): Increment.

(LIBGPGME_LT_AGE): Reset.

Improve comment.

Fix wrong comment character.

2001-12-18 Werner Koch <wk@gnupg.org>

* acinclude.m4 (GNUPG_FIX_HDR_VERSION): Fixed for new automake.

2001-12-14 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (GPG): Substitute this variable.

(GPGSM): Likewise.

2001-11-22 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (AC_CONFIG_FILES): Add tests/gpg/Makefile and tests/gpgsm/Makefile.

2001-11-21 Marcus Brinkmann <marcus@g10code.de>

* Makefile.am (gpgmeplug): New variable, set to gpgmeplug if [BUILD_GPGMEPLUG].

* configure.ac (AC_CONFIG_FILES): Add gpgmeplug/Makefile. Support --enable-gpgmeplug.

2001-11-21 Marcus Brinkmann <marcus@g10code.de>

* autogen.sh: Tighten version dependencies.

2001-11-20 Marcus Brinkmann <marcus@g10code.de>

* Makefile.am (SUBDIRS): Support building the assuan library (currently if GPGSM_PATH is set)..
* configure.ac: Support building the assuan library.
* assuan: New directory, populated with the Assuan library (copied from the newpg repository).

2001-11-20 Marcus Brinkmann <marcus@g10code.de>

* configure.ac (NEED_GPGSM_VERSION): New variable. Treat it similarly to NEED_GPG_VERSION.
* acconfig.h: Likewise.

2001-11-18 Marcus Brinkmann <marcus@g10code.de>

* configure.in: Renamed to ...
* configure.ac: ... this. Update to autoconf 2.52. Lots of small changes in the transition. Support --with-gpg=PATH and --with-gpgsm=PATH options. Check if test suites can be run.
* acconfig.h: Add GPGSM_PATH.
* Makefile.am: New variable `tests', set to `tests' if RUN_GPG_TESTS.
(SUBDIRS): Replace string `tests' with variable `tests'.

2001-10-22 Marcus Brinkmann <marcus@g10code.de>

* autogen.sh: Invoke automake with `-a' (add missing files).
Do not invoke configure.

2001-09-17 Werner Koch <wk@gnupg.org>

Released 0.2.3.

* configure.in (NEED_GPG_VERSION): Set to 1.0.6. Incremented LT current and age.

* Makefile.am (SUBDIRS): Add doc

2001-06-12 Werner Koch <wk@gnupg.org>

Released 0.2.2.

2001-04-05 Werner Koch <wk@gnupg.org>

* configure.in (NEED_GPG_VERSION): Set to 1.0.4g

2001-04-02 Werner Koch <wk@gnupg.org>

Released 0.2.1.

Changed the copyright notices all over the place.

2001-02-28 Werner Koch <wk@gnupg.org>

Released 0.2.0.

2001-01-18 Werner Koch <wk@gnupg.org>

* autogen.sh: Added option --build-w32.

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2011-12-02 Werner Koch <wk@g10code.com>

NB: ChangeLog files are no longer manually maintained. Starting on December 1st, 2011 we put change information only in the GIT commit log, and generate a top-level ChangeLog file from logs at "make dist". See doc/HACKING for details.

2011-05-11 Marcus Brinkmann <marcus@g10code.com>

* gpgsm/Makefile.am (DISTCLEANFILES): Move to ...
(CLEANFILES): ... here.
(clean-local): New rule.
* gpg/Makefile.am (DISTCLEANFILES): Move to ...
(CLEANFILES): ... here.

2011-05-05 Marcus Brinkmann <marcus@g10code.com>

* gpg/Makefile.am: Unset GPG_AGENT_INFO when setting up local configuration.
(clean-local): Shut down local gpg-agent.

2011-05-04 Marcus Brinkmann <marcus@g10code.com>

* gpg/t-import.c (check_result): Complete secret key pair counting

and disable status check, as GPG 2.1 currently emits two IMPORT_OK lines and we only look at the first.

2011-04-27 Marcus Brinkmann <marcus@g10code.com>

- * gpg/Makefile.am (DISTCLEANFILES):
Add S.gpg-agent.
(mkdemodirs, ./Alpha/Secret.gpg): Remove targets.
(GNUPGHOME): Export as absolute build directory (for gpg-agent).
(./pubring.gpg): Remove --homedir option, import secdemo.asc.
(clean-local): Rewrite.
- * gpg/secdemo.asc: New file.
- * gpg/pubkey-1.asc, gpg/seckey-1.asc: Change passphrase to "abc" (now needed as GnuPG 2.1 asks for secret key passphrase on import).
- * gpg/t-keylist.c (keys): Update key info for Joe Random Hacker.
(main): Disable check for can_encrypt, as this is now in a different subkey.
- * gpg/t-encrypt-sign.c (check_result): Allow RMD160 hash algorithm.
- * gpg/t-import.c (check_result): One secret key pair now counts as two secret keys, allow that.

2009-11-03 Werner Koch <wk@g10code.com>

- * run-support.h (fail_if_err): Include program name.
- * run-sign.c (main): Add option --uiserver.

2009-10-26 Marcus Brinkmann <marcus@g10code.de>

- * opassuan/t-command.c: Update to new interface.

2009-10-15 Werner Koch <wk@g10code.com>

- * run-verify.c:
New.

2009-08-06 Werner Koch <wk@g10code.com>

- * run-sign.c: New.

2009-07-07 Werner Koch <wk@g10code.com>

- * run-keylist.c (main): Add options --cms and --openpgp.
- * gpg/pgp-keylist.c: Rename to ...
- * run-keylist.c: ... this.

- * gpg/pgp-import.c: Rename to ...
- * run-import.c: ... this.
- * gpg/pgp-export.c: Rename to ...
- * run-export.c: ... this.
- * run-support.h: New. Copied from gpg/t-support.h.
- * gpg/Makefile.am (noinst_PROGRAMS): Remove them.
- * Makefile.am (noinst_PROGRAMS): Add them.
- (noinst_HEADERS): New.

2009-06-22 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-support.h (passphrase_cb): Implement write() according to the book to silence compiler warning.
- * gpgsm/t-support.h (passphrase_cb): Likewise.

2009-06-16 Werner Koch <wk@g10code.com>

- * gpg/pgp-import.c: New.
- * gpg/t-support.h (print_import_result, nonnull): Factored out from other tools.
- * gpg/pgp-export.c, gpg/pgp-keylist.c: New.

2009-06-09 Werner Koch <wk@g10code.com>

- * gpg/Makefile.am
- (./pubring.gpg): Ignore errors in case of already imported keys. Add --no-permission-warning and remove obsolete --allow-secret-key-import.
- * gpg/mkdemodirs.in (GPG): Add --no-permission-warning.
- * gpg/t-edit.c (edit_fnc): Use gpgme_io_write.

2009-04-19 Moritz <moritz@gnu.org>

- * gpg/Makefile.am (EXTRA_DIST): Replaced mkdemodirs with mkdemodirs.in.
- (mkdemodirs): New target.
- (clean-local): Added command for removing mkdemodirs script.
- (./Alpha/Secret.gpg): Added dependency on mkdemodirs.
- * gpg/mkdemodirs: Renamed to ...
- * gpg/mkdemodirs.in: ... here.
- * gpg/mkdemodirs.in (GPG): Derive value from @GPG@ instead of hard-coding "gpg".

2009-02-24 Werner Koch <wk@g10code.com>

- * opassuan/t-command.c: Adjust for changed new op_assuan interface.

2009-02-03 Werner Koch <wk@g10code.com>

* gpg/t-keylist.c (main): Check that new fields is_cardkey and card_number are not set.

2009-01-26 Werner Koch <wk@g10code.com>

* opassuan/: New.

* opassuan/Makefile.am:

New.

* opassuan/t-command.c: New.

2008-12-03 Marcus Brinkmann <marcus@g10code.de>

* Makefile.am (INCLUDES): Fix path to include file.

* gpg/Makefile.am (INCLUDES), gpgsm/Makefile.am (INCLUDES): Likewise.

2008-11-18 Werner Koch <wk@g10code.com>

* gpgsm/cms-decrypt.c: New.

2008-11-03 Marcus Brinkmann <marcus@g10code.com>

* gpgsm/Makefile.am (INCLUDES, LDADD): Replace gpgme path with src.

* gpg/Makefile.am (INCLUDES, LDADD, t_thread1_LDADD): Likewise.

* Makefile.am (LDADD): Likewise.

2008-10-30 Werner Koch <wk@g10code.com>

* gpgsm/cms-keylist.c: New.

2008-06-19 Werner Koch <wk@g10code.com>

* gpg/t-gpgconf.c (dump_arg): Add new types. Print strings in quotes.

2008-01-28 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (DISTCLEANFILES): Add pubring.kbx~.

2008-01-10 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-gpgconf.c (main): Allow for dirmngr not to be available.

* gpg/Makefile.am (./gpg-agent.conf): Correct pinentry path.

* gpg/pinentry:

New file.

* gpg/Makefile.am (DISTCLEANFILES, all-local): Add gpg-agent.conf
(./gpg-agent.conf): New target.
(EXTRA_DIST): Add pinentry.

* gpg/t-gpgconf.c (main): Exit early if compiled without gpgconf.

2008-01-04 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (CLEANFILES): Add pubring.kbx and dirmngr.conf.

* Makefile.am (TESTS_ENVIRONMENT): Use absolute path for
GNUPGHOME.

* gpg/Makefile.am (TESTS_ENVIRONMENT): Use absolute path for
GNUPGHOME.

* gpgsm/Makefile.am (TESTS_ENVIRONMENT): Use absolute path for
GNUPGHOME.

* gpg/Makefile.am (TESTS): Add t-gpgconf.

t-gpgconf.c: New file.

2007-11-23 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-verify.c (show_auditlog): Check for GPG_ERR_ASS_UNKNOWN_CMD.

2007-11-23 Werner Koch <wk@g10code.com>

* gpgsm/t-verify.c (check_result): Don't exit on error but set a flag.

(main): Consult flag for return value.

(show_auditlog): New.

(main): Use it.

2007-09-27 Marcus Brinkmann <marcus@g10code.de>

* t-engine-info.c

(check_engine_info): Fix debug output.

* gpg/Makefile.am (tests_unix): New variable.

(TESTS): Use it.

* gpg/t-support.h (passphrase_cb) [HAVE_W32_SYSTEM]: Use WriteFile instead of write.

* gpg/t-wait.c [HAVE_W32_SYSTEM]: Define sleep as _sleep.

2007-09-14 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-verify.c (main): Release TEXT and SIG.

2007-07-12 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/Makefile.am (key_id): Change := into =.

2007-07-12 Werner Koch <wk@g10code.com>

* gpgsm/t-support.h (init_gpgme) [W32]: Do not init the locales as the constants are not available.

2007-02-26 Werner Koch <wk@g10code.com>

* gpg/t-verify.c (double_plaintext_sig): New.
(main): Check it.

2006-12-02 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-keylist.c (main): Skip unknown keys. Newer versions of GPGSM import more keys than older ones.

2005-12-06 Werner Koch <wk@g10code.com>

* gpg/t-keylist.c (main): Changed for that secondary keys now have a fingerprint.

*

gpg/t-keylist-sig.c (main): Ditto.

* gpgsm/t-keylist.c (main): Ditto. The test used to be wrong.

2005-10-18 Werner Koch <wk@g10code.com>

* gpg/pubdemo.asc, gpg/secdemo.asc: Add 2 expired subkeys to Whisky.

* gpg/t-keylist.c: Reordered list to match new demo keyring. Add arg for number of subkeys and for extra checking function.

(main): Enhanced a few error outputs. Changed subkey counting. Call extra checking function.

(check_whisky): New.

2005-10-07 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-keylist.c (main): Allow for an email address as a second uid.

* gpg/t-sig-notation.c: Change critical notation to something GnuPG understands.

2005-10-01 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (EXTRA_DIST): Remove gpg.conf.

(DISTCLEANFILES): Add gpg.conf.

(all-local): Add gpg.conf.

(./gpg.conf): New target.

* gpg/gpg.conf: Remove file.

* gpg/Makefile.am (EXTRA_DIST): Add gpg.conf.

* gpg/Makefile.am (TESTS): Add t-sig-notation.

* gpg/t-sig-notation.c

(check_result): New file.

* gpg/t-verify.c (check_result): Also check the length of the notation data.

* gpg/gpg.conf: New file.

2005-09-30 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (TESTS): Add t-filename.

* gpg/t-filename.c: New file.

2005-09-23 Werner Koch <wk@g10code.com>

* gpg/t-support.h (init_gpgme) [W32]: Don't use LC_MESSAGES.

* gpg/t-encrypt-large.c: New test.

* gpg/Makefile.am (TESTS): Add t-encrypt-large.

2005-06-03 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (TESTS): Add t-wait.

* gpg/t-wait.c (main): New test.

2004-12-07 Marcus Brinkmann <marcus@g10code.de>

* gpg/mkdemodirs: Add copyright notice.

* gpgsm/Makefile.am, gpgsm/t-support.h, gpgsm/t-decrypt.c,
gpgsm/t-encrypt.c, gpgsm/t-export.c, gpgsm/t-genkey.c,
gpgsm/t-import.c, gpgsm/t-keylist.c, gpgsm/t-sign.c,
gpgsm/t-verify.c, gpg/Makefile.am, gpg/t-decrypt.c,
gpg/t-decrypt-verify.c, gpg/t-edit.c, gpg/t-encrypt.c,
gpg/t-encrypt-sign.c, gpg/t-encrypt-sym.c,
gpg/t-eventloop.c,
gpg/t-export.c, gpg/t-genkey.c, gpg/t-import.c, gpg/t-keylist.c,
gpg/t-keylist-sig.c, gpg/t-sign.c, gpg/t-signers.c,
gpg/t-support.h, gpg/t-thread1.c, gpg/t-trustlist.c,
gpg/t-verify.c, Makefile.am, t-data.c, t-engine-info.c,
t-version.c: Change license to LGPL.

2004-08-17 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-keylist.c (struct): Add new fields VALIDITY and KEY_LENGTH.

(main): Use them.

* gpgsm/t-import.c (check_result): New argument total_stat.

(main): Pass this argument. Reduce number of total considered keys to 1 for the second test.

2004-04-05 Werner Koch <wk@gnupg.org>

* gpgsm/Makefile.am: Changed the faked system time to 20011213T12000.

2004-03-07 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-keylist.c: Add chain IDs.

2004-03-03 Werner Koch <wk@gnupg.org>

* gpgsm/t-export.c (main): Also check exporting 2 certificates.

2004-02-17 Werner Koch <wk@gnupg.org>

* gpgsm/t-import.c (check_result): gpgsm does now return info in the result->imports; adjust for that.

* gpgsm/Makefile.am (TESTS_ENVIRONMENT): Reset the GPG_AGENT_INFO.

Include config.h at the top of each C source. This is required due to LFS support.

* gpg/t-keylist-sig.c (main): s/class/sig_class/.

* gpg/t-signers.c (check_result): Ditto.

* gpg/t-sign.c (check_result): Ditto.

* gpg/t-encrypt-sign.c (check_result): Ditto.

* gpgsm/t-sign.c (check_result): Ditto.

2004-01-12 Werner Koch <wk@gnupg.org>

* gpg/t-keylist-sig.c (main): Temporary disabled one test due top gpg 1.3.4 problems.

* gpg/t-import.c (check_result): Likewise.

2003-11-19 Werner Koch <wk@gnupg.org>

* gpg/t-support.h (DIM): Added.

* gpg/t-verify.c (check_result): Rewrote test for notations because the order of notations is not guaranteed.

* gpgsm/t-support.h (fail_if_err): Also print the numeric values.

2003-10-06 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-eventloop.c: Include <sys/types.h> for old systems.

* gpgsm/Makefile.am

(DISTCLEANFILES): Add random_seed.

* gpg/t-thread1.c (thread_one): Do not call initialize_gpgme.

Likewise.

2003-09-14 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-thread1.c (main): Call init_gpgme here.

(initialize_gpgme): Function removed.

* gpg/t-thread1.c: New file.

* gpg/Makefile.am (TESTS): Add t-thread1.c.

(t_thread1_LDADD): New variable.

(LDADD): Remove GPG Error lib.

* gpgsm/Makefile.am (LDADD): Likewise.

* gpg/t-import.c (main): Likewise.

* gpg/t-keylist-sig.c (main): Likewise.

* gpg/t-keylist.c (main): Likewise.

* gpg/t-sign.c (main): Likewise.

* gpg/t-signers.c (main): Likewise.

* gpg/t-trustlist.c (main): Likewise.

* gpgsm/t-support.h: Include <stdlib.h> and <locale.h>.

(init_gpgme): New function.

* gpg/t-support.h: Likewise.

* gpgsm/t-verify.c (main): Call init_gpgme.

* gpgsm/t-decrypt.c (main): Likewise.

* gpgsm/t-encrypt.c (main): Likewise.

* gpgsm/t-export.c (main): Likewise.

* gpgsm/t-genkey.c (main): Likewise.

* gpgsm/t-import.c (main):

Likewise.

* gpgsm/t-keylist.c (main): Likewise.

* gpgsm/t-sign.c (main): Likewise.

* gpg/t-verify.c (main): Call init_gpgme.

* gpg/t-decrypt-verify.c (main): Likewise.

* gpg/t-decrypt.c (main): Likewise.

* gpg/t-edit.c (main): Likewise.

* gpg/t-encrypt-sign.c (main): Likewise.

* gpg/t-encrypt-sym.c (main): Likewise.

* gpg/t-encrypt.c (main): Likewise.

* gpg/t-eventloop.c (main): Likewise.

- * gpg/t-export.c (main): Likewise.
- * gpg/t-genkey.c (main): Likewise.

2003-08-14 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-sign.c (check_result): Change output format for signature class to unsigned int.
- * gpg/t-signers.c (check_result): Likewise.
- * gpg/t-encrypt-sign.c (check_result): Likewise.
- * gpgsm/t-sign.c (check_result): Likewise.

2003-07-31 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-verify.c (check_result): Change type of SUMMARY to unsigned int.
- * gpg/t-decrypt-verify.c (check_verify_result): Likewise.
- * gpg/t-keylist-sig.c (keys): Change type of member CLASS to unsigned int.
- * t-data.c (read_cb): Change type of AMOUNT to unsigned int.
- * t-version.c (version): Remove unused variable.

2003-07-22 Marcus Brinkmann <marcus@g10code.de>

- * Makefile.am (AM_CPPFLAGS): New variable.
(LDADD): Add @GPG_ERROR_LIBS@.
- * gpg/Makefile.am (AM_CPPFLAGS): New variable.
(LDADD): Add @GPG_ERROR_LIBS@.
- * gpgsm/Makefile.am (AM_CPPFLAGS): New variable.
(LDADD): Add @GPG_ERROR_LIBS@.

2003-06-06 Marcus Brinkmann <marcus@g10code.de>

Everywhere: Use libgpg-error error codes.

- * gpg/Makefile.am (noinst_HEADERS): New variable.
- * gpg/t-support.h: New file.
- * gpgsm/Makefile.am (noinst_HEADERS): New variable.
- * gpgsm/t-support.h: New file.

2003-05-29 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-encrypt-sym.c (main): Adapt to new syntax.
- * gpg/t-encrypt.c (main): Likewise.
- * gpg/t-eventloop.c (main): Likewise.
- * gpg/t-encrypt-sign.c (main): Likewise.
- * gpgsm/t-export.c (main): Likewise.
- * gpgsm/t-encrypt.c (main): Likewise.

2003-05-28 Marcus

Brinkmann <marcus@g10code.de>

- * gpg/t-eventloop.c (main): Rewrite recipient management.
- * gpg/t-encrypt-sign.c (main): Likewise.
- * gpg/t-encrypt.c (main): Likewise.
- * gpg/t-export.c (main): Likewise.
- * gpgsm/t-encrypt.c (main): Likewise.
- * gpgsm/t-export.c (main): Likewise.

2003-05-27 Marcus Brinkmann <marcus@g10code.de>

- * gpg/Makefile.am (TESTS): Order t-keylist and t-keylist-sig after t-import.
- * gpg/t-edit.c (edit_fnc): Fix primary UID for keylisting tests.
- * gpg/t-keylist.c: Change order of user IDs.
- * gpg/t-keylist-sig.c: Likewise.
- * gpg/t-import.c: Add support for gpg in CVS.

2003-05-27 Marcus Brinkmann <marcus@g10code.de>

- * t-data.c: Remove TEST_OUT_CB.
(main): Likewise.
- * gpg/t-trustlist.c (main): Access ITEM directly.

- * (t-decrypt-verify.c, t-decrypt.c, t-edit.c, t-encrypt-sign.c, t-encrypt-sym.c, t-sign.c, t-signers.c): Include <unistd.h>.
(passphrase_cb): Rewritten.
- * t-edit.c (edit_fnc): Rewritten.

2003-05-04 Marcus Brinkmann <marcus@g10code.de>

- *
- gpg/t-keylist-sig.c (main): Remove timestamp check.

- * gpgsm/t-keylist.c: Add check for timestamp.

- * gpg/Makefile.am (TESTS): Add t-keylist-sig.
- * gpg/t-keylist-sig.c: New file.

2003-04-30 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-eventloop.c (main): Do not call print_op_info.
(print_op_info): Function removed.

- * gpg/t-keylist.c: Rewritten.
- * gpgsm/t-keylist.c (main): Rewritten.

* gpg/t-edit.c (main): Do not use gpgme_key_get_as_xml. Use gpgme_key_unref instead gpgme_key_release.
* gpg/t-signers.c (main): Use gpgme_key_unref instead gpgme_key_release.

2003-04-29 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-trustlist.c: Rewritten.
* gpg/t-verify.c (main): Rewritten.
* gpg/t-decrypt-verify.c: Rewritten.
* gpgsm/t-verify.c (main): Rewritten.

2003-04-28 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-decrypt.c (main): Rewritten.
* gpg/t-decrypt.c: Rewritten.
* gpg/t-signers.c: Rewritten.

2003-04-27 Marcus Brinkmann <marcus@g10code.de>

*
gpg/t-encrypt-sign.c (check_result): Rewritten.
* gpg/t-sign.c: Rewritten.
* gpgsm/t-sign.c: Rewritten.
* gpg/t-encrypt.c: Check for invalid recipients.
* gpgsm/t-encrypt.c: Likewise.
* gpg/t-import.c (check_result): Really use FPR.
* gpgsm/t-import.c (check_result): Rewritten.

2003-04-25 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-import.c: Rewritten.
* gpgsm/t-genkey.c: Rewritten.
* gpgsm/Makefile.am (noinst_PROGRAMS): Add t-genkey.
* gpg/t-genkey.c: Include <stdlib.h>.
(main): Check result->fpr before checking its length.

2003-04-24 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-genkey.c: Rewritten to match new semantics.

2003-02-06 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-decrypt.c (passphrase_cb): Fix to new prototype.
- * gpg/t-decrypt-verify.c (passphrase_cb): Likewise.
- * gpg/t-edit.c (passphrase_cb): Likewise.
- * gpg/t-encrypt-sign.c (passphrase_cb): Likewise.
- * gpg/t-encrypt-sym.c (passphrase_cb): Likewise.
- * gpg/t-sign.c (passphrase_cb): Likewise.
- *
- gpg/t-signers.c (passphrase_cb): Likewise.

2003-01-30 Marcus Brinkmann <marcus@g10code.de>

- * t-engine-info.c: Use file_name instead path throughout.
- *
- * Makefile.am (TESTS): Add t-engine-info.
- * t-engine-info.c: New file.
- * gpg/t-encrypt.c (main): Don't print engine info.
- * gpg/t-eventloop.c (main): Likewise.
- * gpg/t-encrypt-sign.c (main): Likewise.
- * gpgsm/t-encrypt.c (main): Likewise.

2002-12-24 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/t-verify.c (main): Adjust caller of gpgme_op_verify.
- * gpg/t-verify.c (main): Likewise.
- * gpg/t-decrypt-verify.c (main): Likewise for gpgme_op_decrypt_verify.

2002-12-23 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/Makefile.am (./gpgsm.conf): Add a faked system time to avoid certification's expiry.
- * gpgsm/t-encrypt.c (main): Use the short certification name.

2002-11-19 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-genkey.c (main): Add missing argument to gpgme_op_genkey invocation.

2002-10-09 Marcus Brinkmann
<marcus@g10code.de>

- * gpg/t-decrypt.c (print_data): Update to new gpgme_data_read interface, and use gpgme_engine_check_version instead gpgme_check_version.
- * gpg/t-decrypt-verify.c (print_data): Likewise.
- * gpg/t-edit.c (main): Likewise.
- * gpg/t-encrypt.c (print_data): Likewise.

* gpg/t-encrypt-sign.c (print_data): Likewise.
* gpg/t-encrypt-sym.c (print_data): Likewise.
* gpg/t-eventloop.c (print_data): Likewise.
* gpg/t-export.c (print_data): Likewise.
* gpg/t-sign.c (print_data): Likewise.
* gpg/t-signers.c (print_data): Likewise.
* gpgsm/t-decrypt.c (print_data): Likewise.
* gpgsm/t-encrypt.c (print_data): Likewise.
* gpgsm/t-export.c (print_data): Likewise.
* gpgsm/t-sign.c (print_data): Likewise.
* gpg/t-verify.c (main): Likewise for gpgme_op_verify.
* gpgsm/t-verify.c (main): Likewise for gpgme_op_verify.
* t-data.c (read_once_test): Likewise.
(write_test): Update for new behaviour of data objects.
(main): Remove type test.

2002-09-30 Werner Koch <wk@gnupg.org>

*
gpgsm/t-keylist.c (doit): Add arg SECRET.
(main): Add option --secret.

2002-09-28 Marcus Brinkmann <marcus@g10code.de>

* t-version.c: Include <string.h>. Reported by Stphane Corthsy.

2002-09-02 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-keylist.c (main): Test PATTERN for NULL before printing.
Reported by Dr. Stefan Dalibor <Dr.Stefan.Dalibor@bfa.de>.

2002-08-01 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-edit.c: Also add a test for the expire command (testing
the passphrase callback).

2002-07-28 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-edit.c: New file.
* gpg/Makefile (TESTS): Add t-edit.

2002-07-25 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-encrypt-sym.c (main): Change type of I to size_t and
rename to LEN.
* gpg/t-verify.c (main): Likewise. Submitted by Stphane
Corthsy.

2002-07-03 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-eventloop.c: New file.
- * gpg/Makefile (TESTS): Add t-eventloop.

2002-06-26 Werner Koch <wk@gnupg.org>

- *
- gpgsm/t-import.c (print_op_info): New.
- (main): Print operation info.

2002-06-25 Werner Koch <wk@gnupg.org>

- * gpgsm/Makefile.am (DISTCLEANFILES): new.

2002-06-25 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/Makefile.am (TESTS): Add t-export.
- gpgsm/t-export.c: New file.

2002-06-20 Werner Koch <wk@gnupg.org>

- * gpgsm/t-sign.c (main): Also test a normal signature.
- * gpg/Makefile (TESTS_ENVIRONMENT): Set GPG_AGENT_INFO empty.
- * gpg/t-signers.c, gpg/t-sign.c, gpg/t-encrypt-sym.c
- * gpg/t-encrypt-sign.c, gpg/t-decrypt.c
- * gpg/t-decrypt-verify.c (main): Changed the GPG_AGENT_INFO check to match the one in ../../gpgme/rungpg.c.

2002-06-12 Werner Koch <wk@gnupg.org>

- * gpgsm/t-keylist.c (doit): Print operation info if available.

2002-06-10 Werner Koch <wk@gnupg.org>

- * gpgsm/t-verify.c (print_sig_stat): Print the error token.

2002-06-04 Werner Koch <wk@gnupg.org>

- * gpgsm/t-encrypt.c (main): Add a simple option parser and allow to specify an encryption key.

2002-05-26 Marcus Brinkmann <marcus@g10code.de>

- * gpg/Makefile.am (all-local): Remove dependency on ./secring.gpg.
- (./secring.gpg): Remove target, and move all rules for this target

to ...

(./pubring.gpg): ... here. This was necessary because GnuPG 1.0.7 does create an empty secring.gpg file when importing public keys.

2002-05-08 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-verify.c (validity_string): New.
(print_sig_stat): Print expire time and validity.
(status_string): Add new expired stati.

2002-05-03 Werner Koch <wk@gnupg.org>

* gpg/t-verify.c (validity_string): New.
(print_sig_stat): Print expire time and validity.
(status_string): Add new expired stati.

2002-04-05 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/Makefile.am (./trustlist.txt): Put more into this file to prevent use of gpg-agent.
(./gpg-agent.conf): Remove target.
(all-local): Remove ./gpg-agent.conf.

2002-04-05 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-keylist.c
(main): Use gpgme_engine_check_version instead
gpgme_check_engine.
* gpgsm/t-encrypt.c (main): Likewise.

2002-03-06 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-encrypt-sym.c: New file.
* gpg/Makefile.am (TESTS): Add t-encrypt-sym.

2002-03-05 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (CLEANFILES): Remove random_seed, which is now in DISTCLEANFILES.

2002-03-04 Werner Koch <wk@gnupg.org>

* gpg/Makefile.am (DISTCLEANFILES): Added.

2002-03-03 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-verify.c (main): Add a few more sanity checks, and a check for normal signatures.

2002-02-26 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-encrypt-sign.c: New file.
- * gpg/Makefile.am (TESTS): Add t-encrypt-sign.

2002-02-13 Werner Koch <wk@gnupg.org>

- * gpgsm/Makefile.am (private-keys-v1.d): Don't fail when the directory already exists.

2002-02-12 Marcus Brinkmann <marcus@g10code.de>

- * gpg/Makefile.am (CLEANFILES): New target.
- (distclean-local): Rename to ...
- (clean-local): ... this.

2002-02-09 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/Makefile.am (./private-keys-v1.d/\$(key_id).key): Fix rule.

2002-02-09 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/t-genkey.c: New file (not added to Makefile.am because of gpg-agent bug).

2002-02-08 Marcus Brinkmann <marcus@g10code.de>

- * gpgsm/Makefile.am (key_id): Update value.
- (all-local): Add .key to keyid filename.
- (./private-keys-v1.d/\$(key_id)): Renamed to ...
- (./private-keys-v1.d/\$(key_id).key): ... this.
- (all-local): Add ./gpgsm.conf, ./trustlist.txt.
- (./gpgsm.conf, ./trustlist.txt): New target.
- * gpgsm/567064FE6D14A17B2D811ABB407728BC558AA455: Renamed to ...
- * gpgsm/32100C27173EF6E9C4E9A25D3D69F86D37A4F939: ... this.

2002-01-30 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-import.c (print_op_info): New function.
- (main): Use it.

2002-01-22 Marcus Brinkmann <marcus@g10code.de>

- * gpg/t-signers.c (passphrase_cb): Change type of r_hd to void**.
- * gpg/t-sign.c (passphrase_cb):

Likewise.

* gpg/t-decrypt-verify.c (passphrase_cb): Likewise.

* gpg/t-decrypt.c (passphrase_cb): Likewise.

2001-12-19 Marcus Brinkmann <marcus@g10code.de>

* gpg/t-decrypt-verify.c: Don't include `mcheck.h'. Reported by
Stphane Corthisy.

2001-12-19 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (EXTRA_DIST): Add missing line continuation.

2001-12-19 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/Makefile.am (EXTRA_DIST): Add \$(key_id).

2001-12-16 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/Makefile: Rename `pubcerts.kbx' to `pubring.kbx'.

2001-12-15 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-keylist.c (check_two_contexts): Set protocols.

2001-12-14 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-sign.c: New file.

* gpgsm/Makefile.am (TESTS): Add t-sign.

2001-12-14 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-decrypt.c: New file.

* gpgsm/567064FE6D14A17B2D811ABB407728BC558AA455: Likewise.

* gpgsm/Makefile.am (TESTS): Add

t-decrypt.

(key_id): New variable.

(all-local): New target ./private-keys-v1.d/\$(key_id) added.

(./private-keys-v1.d/\$(key_id)): New target.

2001-12-14 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-verify.c: New file.

* gpgsm/Makefile.am (TESTS): Add t-verify.

2001-12-14 Marcus Brinkmann <marcus@g10code.de>

* gpg/Makefile.am (GPG): Set to @GPG_PATH@.

(./pubring.gpg): Use \$(GPG) instead gpg.

(./secring.gpg): Likewise.

* gpgsm/t-import.c (main): Remove third test case.

* gpgsm/Makefile.am (GPGSM): Set to @GPGSM@.

(all-local): New target.

(./pubcerts.kbx): Likewise.

* gpgsm/t-encrypt.c: New file.

* gpgsm/Makefile.am (TESTS): Add t-encrypt.

2001-12-14 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/t-keylist.c: New file.

* gpgsm/Makefile.am (TESTS): Add t-keylist.

2001-12-13 Marcus Brinkmann <marcus@g10code.de>

* gpgsm/cert_dfn_pca01.der: New file.

* gpgsm/cert_dfn_pca15.der: Likewise.

* gpgsm/cert_g10code_test1.der: Likewise.

* gpgsm/t-import.c: Likewise.

*

gpgsm/Makefile.am (EXTRADIST): Add new files.

(TESTS): Add t-import.

2001-11-22 Marcus Brinkmann <marcus@g10code.de>

* gpg/: New directory.

* Makefile.am, t-verify.c, t-encrypt.c, t-signers.c, t-trustlist.c,
t-sign.c, t-keylist.c, t-import.c, t-genkey.c, t-export.c,
t-decrypt-verify.c, t-decrypt.c, t-version.c, t-data.c, mkdemodirs.
cipher-1.asc, cipher-2.asc, geheim.txt, pubdemo.asc, pubkey-1.asc,
secdemo.asc, seckey-1.asc): Move to sub directory gpg/.

* gpg/Makefile.am (INCLUDES): Include gpgme/, not include/ and
intl/.

(LDD): Correct relative path to gpgme library.

(TESTS): Remove t-version and t-data.

* gpg/t-verify.c, gpg/t-encrypt.c, gpg/t-signers.c, gpg/t-trustlist.c,
gpg/t-sign.c, gpg/t-keylist.c, gpg/t-import.c, gpg/t-genkey.c,
gpg/t-export.c, gpg/t-decrypt-verify.c, gpg/t-decrypt.c,
t-version.c, t-data.c): Include gpgme.h, not "../gpgme/gpgme.h".

* Makefile.am: New file.

* gpgsm/: New directory.

* gpgsm/Makefile.am: New file.

2001-11-16 Marcus

Brinkmann <marcus@g10code.de>

- * Makefile.am (TESTS): Add t-decrypt-verify.
- * t-decrypt-verify.c: New file.
- * cipher-2.asc: Likewise.

2001-11-02 Marcus Brinkmann <marcus@g10code.de>

- * t-data.c: Include stddef.h.
- (read_once_test): Change type of READ to size_t.
- (read_test): Likewise.
- (write_test): Likewise.

2001-10-29 Marcus Brinkmann <marcus@g10code.de>

- * t-signers.c: New file.
- * Makefile.am (TESTS): Add t-signers.

2001-10-22 Marcus Brinkmann <marcus@g10code.de>

- * Makefile.am (TEST_ENVIRONMENT): Revert last change.

2001-10-22 Marcus Brinkmann <marcus@g10code.de>

- * Makefile.am (TEST_ENVIRONMENT): Set environment to \$(srcdir), not current directory.

2001-10-22 Marcus Brinkmann <marcus@g10code.de>

- * t-data.c (write_test): New function.
- (main): Invoke write_test for all rounds except TEST_OUT_CB.

2001-10-22 Marcus Brinkmann <marcus@g10code.de>

- * Makefile.am (INCLUDES): Remove spurious duplicate to silence automake.

2001-10-16 Marcus Brinkmann <marcus@g10code.de>

- *
- t-version.c: New file.
- * t-data.c: Likewise.
- * t-data-1.txt: Likewise.
- * t-data-2.txt: Likewise.
- * Makefile.am (TESTS): Add t-version, t-data.

2001-09-17 Werner Koch <wk@gnupg.org>

* t-keylist.c (check_two_contexts): New.

2001-09-03 Werner Koch <wk@gnupg.org>

* t-encrypt.c (print_op_info): New and use it after each operation.

2001-08-28 Werner Koch <wk@gnupg.org>

* t-sign.c (print_op_info): New and use it after each operation.

2001-03-15 Werner Koch <wk@gnupg.org>

* t-keylist.c (doit): List subkeys too, show caps.

2001-02-13 Werner Koch <wk@gnupg.org>

* t-verify.c (print_sig_stat): Repaled along by unsigned long because we don't use the config stuff here.

2001-02-12 Werner Koch <wk@gnupg.org>

* tests/t-verify.c (print_sig_stat): Print info about the keys.

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-*- mode: org -*-

#+TITLE: What's New in the GPGME Python Bindings and Documentation

#+AUTHOR: Ben McGinnes

#+LATEX_COMPILER: xelatex

#+LATEX_CLASS: article

#+LATEX_CLASS_OPTIONS: [12pt]

#+LATEX_HEADER: \usepackage{xltextra}

#+LATEX_HEADER: \usepackage[margin=1in]{geometry}

#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Times New Roman}

#+LATEX_HEADER: \author{Ben McGinnes <ben@gnupg.org>}

* What's New

:PROPERTIES:

:CUSTOM_ID: new-stuff

:END:

Version:	0.0.1
GPGME Version:	1.13.0
Author:	Ben McGinnes <ben@gnupg.org>
Author GPG Key:	DB4724E6FA4286C92B4E55C4321E4E2373590E5D
Language:	Australian English, British English
xml:lang:	en-AU, en-GB, en

Last time the most obviously new thing was adding the /What's New/
section to the HOWTO. Now it's moving it out of the HOWTO.

** New in GPGME 1130

:PROPERTIES:

:CUSTOM_ID: new-stuff-1-13-0

:END:

Additions since GPGME 1.12.0 include:

- Moving the /What's New/ section out of the basic [\[\[file:gpgme-python-howto.org\]\]](http://file.gpgme-python-howto.org) document and into its own file so as to more readily include other documents beyond that HOWTO.
- Moving the preceding, archival, segments into [\[\[file:what-was-new.org\]\]](http://file.what-was-new.org) another file].
- Added `=gpg.version.versionintlist=` to make it easier for Python developers to check for a specific version number, even with beta versions (it will drop the "-betaN" part).
- Added expanded detail on issues pertaining to installing for Windows users.
- Bindings enter [\[\[file:maintenance-mode\]\]](http://file:maintenance-mode) maintenance mode]] from January, 2019.
- Added documentation on maintenance mode and what changes can be made to the code when in that status. Essentially that boils down to bug fixes only and no feature requests.
- The `import-keys-hkp.py` example script, which uses the `=hkp4py=` module to search the SKS servers for a key, has been tightened up to search for both hexadecimal key IDs and user ID strings with reduced chance of unnecessary repetition. There may still be some repetition if a key includes a user ID matching the hexadecimal value of a key ID.

000

*H

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Deutsches Forschungsnetz10UDFN-PCA1.0,U%DFN Top Level Certification Authority1!0 *H
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Deutsches Forschungsnetz10UDFN-PCA1+0)U"DFN Server Certification Authority1!0 *H

certify@pca.dfn.de"0

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v0Ux0v09753http://www.pca.dfn.de/dfnpca/certify/ssl/dfnpca.crx09753http://www.pca.dfn.de/dfnpca/certify/ssl/dfn

pca.cr10 `HB0) `HBhttps://mystic.pca.dfn.de/0A `HB42http://www.pca.dfn.de/dfnpca/policy/wwwpolicy.html0 `HB

This certificate was issued by the DFN-PCA, the Top

Level Certification Authority of the German Research

Network (Deutsches Forschungsnetz, DFN).

The key owner's identity was authenticated in

accordance with the DFN World Wide Web Policy, v1.00! `HBcgi/check-rev.cgi?0

*H

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Version 2.1, February 1999

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the object code for the work under the terms of Section 6.

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b) Use a suitable shared library mechanism for linking with the

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to most

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1543830060

##Sketch 1 2

document()

layout('A4',1)

fp((0,0,0))

ft(1)

Fn('Helvetica-Bold')

Fs(18)

dstyle('Text')

fp((0,1,0.498))

ft(1)

lp((0,0,0))

lw(0.283465)

lc(1)

lj(0)

ld(0)

la1()

la2()

dstyle('Application Box')

layer('Layer 1',1,1,0,0,(0,0,0))

lw(1)

r(0,0,0,0,688.145,44.1554)
lw(1)
r(0,0,0,0,682.363,85.0359)
lp((0.392,0.584,0.929))
lw(4.25197)
b()
bs(605.383,329.758,0)
bs(605.383,230.546,0)
lw(1)
r(0,0,0,0,807.414,53.6148)
lp((0.392,0.584,0.929))
lw(4.25)
b()
bs(480.134,240.945,0)
bs(480.358,325.277,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2([((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(474.803,432.284,0)
bs(475.334,360.243,0)
lw(3.25)
ld((1, 1))
la2([((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(354.331,432.284,0)
bs(352.806,361.417,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2([((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(212.598,432.284,0)
bs(212.598,361.417,0)
fp((0.999,1,0.4))
lw(0.283465)
r(70.5968,0,0,-56.6929,191.608,488.976,0.0603744,0.151107)
lw(1)
r(0,0,0,0,88.5492,390.805)
lp((0.392,0.584,0.929))
lw(4.25197)
b()
bs(226.772,524.409,0)
bs(226.772,488.976,0)
lp((0.392,0.584,0.929))
lw(4.25)
b()

bs(403.937,528.718,0)
bs(403.937,488.976,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1,
1))
la2(((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(240.945,432.284,0)
bs(240.574,394.994,0)
bs(595.276,396.85,0)
bs(595.276,361.417,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2(((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(333.071,432.284,0)
bs(333.07,425.196,0)
bs(333.07,382.677,0)
bs(240.945,382.677,0)
bs(240.945,361.417,0)
G()
fp((0.999,1,0.4))
lw(0.283465)
r(70.5589,0,0,-28.347,318.897,354.331,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica-Bold')
Fs(10)
txt('GPG',(1,0,0,0.905764,344.004,335.686))
G_
G()
fp((0.999,1,0.4))
lw(0.283465)
r(70.5589,0,0,-28.3464,446.763,354.33,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('GpgConf',(0.552654,0,0,0.500564,481.802,340.184),1,1)
G_
G()
fp((0.999,1,0.4))
lw(0.283465)

```

r(70.5589,0,0,-28.347,191.338,354.331,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('GpgSM',(0.552654,0,0,0.500574,226.376,340.185),1,1)
G_()
lp((0.392,0.584,0.929))
lw(4.25)
b()
bs(347.244,325.984,0)
bs(347.244,325.984,0)
bs(347.244,255.118,0)
bs(304.724,255.118,0)
bs(304.724,226.771,0)
lp((0.392,0.584,0.929))
lw(4.25)
b()
bs(233.858,325.984,0)
bs(233.858,255.118,0)
bs(276.378,255.118,0)
bs(276.378,226.771,0)
fp((0,0,0))
le()
lw(1)
Fn('Palatino-Roman')
txt('2008-07-17',(0.608301,0,0,0.608301,708.661,65.8308))
lw(1)
r(0,0,0,0,750.427,153.265)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1,
1))
la2((([-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(219.685,325.984,0)
bs(219.685,198.425,0)
bs(219.685,162.992,0)
G()
fp((1,1,1))
lw(0.283465)
r(113.386,0,0,-42.5196,35.4333,162.992,0.0670228,0.151107)
fp((0,0,0))
lw(0.283465)
Fn('Helvetica')
Fs(14)

```

style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('LDAP
Server',(0.552654,0,0,0.552654,92.1261,148.819),1,1)
fp((0,0,0))
lw(0.283465)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('(CRLs, Certificates)',(0.552654,0,0,0.552654,92.1261,134.646),1,1)
G_
G()
fp((1,1,1))
lw(0.283465)
r(113.386,0,0,-42.5196,35.4331,99.2125,0.0670228,0.151107)
fp((0,0,0))
lw(0.283465)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('HTTP Server',(0.552654,0,0,0.552654,92.1259,85.0394),1,1)
fp((0,0,0))
lw(0.283465)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('(CRLs)',(0.552654,0,0,0.552654,92.1259,70.8662),1,1)
G_
G()
fp((0.999,1,0.4))
lw(0.283465)
r(70.866,0,0,-31.2962,191.338,158.855,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('DirMgr',(0.552654,0,0,0.552654,224.02,142.978),1,1)
G_
lw(2)

ld((1, 1))
la2(((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(219.15,126.18,0)
bs(219.685,77.9528,0)
bs(155.906,77.9528,0)
lp((0.392,0.584,0.929))
lw(3)
b()
bs(233.858,127.559,0)
bs(233.858,99.2125,0)
bs(276.378,99.2125,0)
bs(276.378,85.0393,0)
lp((0.392,0.584,0.929))
lw(3)
b()
bs(248.031,127.559,0)
bs(248.031,113.386,0)
bs(375.59,113.386,0)
bs(375.59,85.0393,0)
G()
fp((1,0.647,0.31))
lw(0.283465)
r(99.2124,0,0,-28.3464,333.07,85.0393,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('Certificate
Cache',(0.552654,0,0,0.552654,382.606,69.8548),1,1)
fp((1,0.647,0.31))
lw(0.283465)
r(70.5589,0,0,-28.3464,248.031,85.0393,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('CRL Cache',(0.552654,0,0,0.552654,284.147,70.6936),1,1)
G_
lw(1)
la2(((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()

bs(503.149,240.945,0)
bs(503.149,283.464,0)
bs(588.189,283.465,0)
bs(588.189,325.984,0)
lw(1)
la2(((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(503.149,283.464,0)
bs(503.149,283.464,0)
bs(361.417,283.464,0)
bs(361.417,325.984,0)
lw(1)
la2(((-4.0,
3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(361.417,283.464,0)
bs(205.512,283.465,0)
bs(205.512,325.984,0)
lw(1)
la2(((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(574.015,85.0393,0)
bs(574.015,141.732,0)
bs(262.204,141.732,0)
lw(1)
la2(((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(602.361,85.0393,0)
bs(602.361,170.079,0)
bs(439.37,170.079,0)
bs(439.37,311.811,0)
bs(460.629,311.811,0)
bs(460.629,325.984,0)
lw(1)
ld((5, 1))
la2(((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(389.763,240.945,0)
bs(389.763,269.291,0)
bs(290.551,269.291,0)
bs(290.551,340.157,0)
bs(262.204,340.157,0)
lw(1)
ld((5, 1))
la2(((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(389.763,269.291,0)
bs(559.843,269.291,0)

bs(559.843,333.071,0)
bs(574.016,333.071,0)
lw(1)
ld((5, 1))
la2([((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(488.976,85.0393,0)
bs(488.976,127.559,0)
bs(389.763,127.559,0)
bs(389.763,212.598,0)
lw(2)
ld((1,
1))
la2([((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(205.512,127.559,0)
bs(205.512,113.386,0)
bs(170.079,113.386,0)
bs(170.079,141.732,0)
bs(155.906,141.732,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2([((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(622.961,356.76,0)
bs(622.961,518.503,0)
G()
fp((0.999,1,0.4))
lw(0.283465)
r(70.5589,0,0,-28.3459,573.199,354.33,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('GpgAgent',(0.552654,0,0,0.500554,608.238,340.185),1,1)
G_()
lp((0.392,0.584,0.929))
lw(4.25)
b()
bs(721.712,467.717,0)
bs(721.712,297.838,0)
G()
fp((0.999,1,0.4))
lw(0.283465)
r(70.5589,0,0,-28.3464,686.278,297.637,0.0670228,0.151107)

```

fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('SCdaemon',(0.552654,0,0,0.500564,721.316,283.492),1,1)
G_()
fp((1,0.647,0.31))
lw(0.283465)
lj(1)
r(86.162,0,0,-117.493,679.192,566.929,0.181818,0.333333)
G()
fp((0,0,0))
le()
lw(1)
Fn('Helvetica-Bold')
Fs(18)
txt('Smartcard',(0.552654,0,0,0.552654,698.127,491.036))
fp((0.999,1,0.4))
lw(0.283465)
r(70.5589,0,0,-31.2962,686.279,557.593,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('Card
Reader',(0.552654,0,0,0.552654,721.318,541.975),1,1)
G_()
G()
fp((0.999,1,0.4))
lw(0.283465)
r(73.6353,0,0,-41.2944,587.066,565.703,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('PIN Entry',(0.57675,0,0,0.729211,623.632,545.097),1,1)
G_()
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2((( (-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()

```

bs(643.758,340.157,0)
bs(643.758,340.157,0)
bs(707.539,340.158,0)
bs(707.539,304.724,0)
lw(1)
la2(((-4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)], 1))
b()
bs(574.016,283.465,0)
bs(587.066,283.464,0)
bs(686.278,283.464,0)
G()
lp((0.392,0.584,0.929))
lw(4.25197)
b()
bs(98.9053,325.985,0)
bs(98.9053,240.945,0)
G()
fp((0.999,1,0.4))
lw(0.283465)
r(70.5589,0,0,-28.3464,63.7795,354.331,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('WatchGnuPG',(0.552654,0,0,0.552654,98.8185,338.713),1,1)
G_
G()
fp((1,0.647,0.31))
lw(0.283465)
r(70.5589,0,0,-28.1194,63.7795,240.718,0.0670228,0.168178)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('Log
Socket',(0.552654,0,0,0.552654,98.8175,225.1),1,1)
G_
G_
G()
fp((1,0.647,0.31))
lw(0.283465)
r(85.0392,0,0,-28.3464,446.457,240.945,0.0670228,0.151107)
fp((0,0,0))
le()

lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('Config Files',(0.552654,0,0,0.552654,485.621,226.772),1,1)
G_()
G()
fp((1,0.647,0.31))
lw(0.283465)
r(85.0392,0,0,-28.3464,545.669,85.0394,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('Config Files',(0.552654,0,0,0.552654,584.834,70.8662),1,1)
G_()
G()
fp((1,0.647,0.31))
lw(0.283465)
r(84.6546,0,0,-27.3609,347.245,239.959,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('Help
Files',(0.552654,0,0,0.552654,388.252,224.705),1,1)
G_()
G()
fp((1,0.647,0.31))
lw(0.283465)
r(84.6546,0,0,-27.3609,446.457,85.0394,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')

Fs(18)
txt('Help Files',(0.552654,0,0,0.552654,487.464,69.7854),1,1)
G_()
G()
fp((1,0.647,0.31))
lw(0.283465)
r(85.0392,0,0,-28.3464,248.032,240.945,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('Keybox Files',(0.552654,0,0,0.552654,289.59,226.322),1,1)
G_()
G()
fp((1,0.647,0.31))
lw(0.283465)
r(70.866,0,0,-28.3464,574.016,240.945,0.0670228,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(18)
txt('Private Keys',(0.552654,0,0,0.552654,609.449,226.772),1,1)
G_()
G()
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(24)
txt('Scute',(0.552654,0,0,0.599958,224.978,465.775),1,1)
fp((0,0,0))
le()
lw(1)
Fn('Times-Roman')
Fs(10)
txt('(pkcs#11)',(1,0,0,1.08559,206.081,445.011))
G_()

```
G()
fp((0.999,1,0.4))
lw(0.283465)
r(198.827,0,0,-56.6929,304.322,488.976,0.0603744,0.151107)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
Fn('Helvetica-Bold')
Fs(36)
txt('GPGME
Library',(0.552654,0,0,0.552654,404.952,457.853),1,1)
G_()
G()
lw(1)
style('Application Box')
r(197.598,0,0,-42.5187,304.724,566.928,0.0152672,0.0677968)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
txt('GPGME aware Application',(0.98062,0,0,0.937018,334.892,540.985))
G_()
G()
lw(1)
style('Application Box')
r(127.829,0,0,-41.7496,162.992,566.159,0.0152672,0.0677968)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
txt('Legacy Application',(174.688,540.01))
G_()
G()
G()
lp((0.392,0.584,0.929))
lw(4.25197)
b()
bs(749.296,162.296,0)
bs(705.89,162.296,0)
lw(3.25)
ld((1, 1))
la2((( (-4.0, 3.0), (2.0, 0.0), (-4.0,
-3.0), (-4.0, 3.0)], 1))
b()
bs(705.89,100.083,0)
```



```

bs(744.472,100.083,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2((( -4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(705.89,131.189,0)
bs(744.472,131.189,0)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('execute/access',(0.31891,0,0,0.280771,726.951,87.3768),1,1)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('closely linked',(0.31891,0,0,0.280771,724.715,149.589),1,1)
fp((0,0,0))
le()
lw(1)
Fn('Helvetica')
Fs(14)
style('Text')
txt('Assuan protocol',(0.31891,0,0,0.280771,728.535,118.483),1,1)
G_()
lw(1)
r(56.6929,0,0,-92.126,701.575,170.079)
G_()
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2((( -4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()
bs(248.031,325.984,0)
bs(248.031,297.638,0)
bs(538.583,297.638,0)
bs(538.583,340.157,0)
bs(566.929,340.157,0)
lp((0.392,0.584,0.929))
lw(3.25)
ld((1, 1))
la2((( -4.0, 3.0), (2.0, 0.0), (-4.0, -3.0), (-4.0, 3.0)), 1))
b()

```

```

bs(375.591,325.984,0)
bs(375.591,304.724,0)
bs(531.496,304.724,0)
bs(531.496,347.244,0)
bs(566.929,347.244,0)
guidelayer('Guide
  Lines',1,0,0,1,(0,0,1))
grid((0,0,7.08661,7.08661),1,(0,0,1),'Grid')
Just GNU it!
Just GNU it!
Just GNU it!
# -*- mode: org -*-
#+TITLE: GNU Privacy Guard (GnuPG) Made Easy Python Bindings
#+AUTHOR: Ben McGinnes
#+LATEX_COMPILER: xelatex
#+LATEX_CLASS: article
#+LATEX_CLASS_OPTIONS: [12pt]
#+LATEX_HEADER: \usepackage{xltextra}
#+LATEX_HEADER: \usepackage[margin=1in]{geometry}
#+LATEX_HEADER: \setmainfont[Ligatures={Common}]{Times New Roman}
#+LATEX_HEADER: \author{Ben McGinnes <ben@gnupg.org>}

```

* GPGME Python Bindings

```

:PROPERTIES:
:CUSTOM_ID: top
:END:

```

** Contents

```

:PROPERTIES:
:CUSTOM_ID: contents
:END:

```

```

- [[file:short-history][A short history of the project]]
- [[file:what-is-new][What's New]]
- [[file:maintenance-mode][Maintenance Mode]] (from January, 2019)
- [[file:what-was-new][What Was New]]
- [[file:gpgme-python-howto][GPGME Python Bindings HOWTO]]
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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., 59 Temple Place, Suite 330, Boston, MA 02111-1307 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) year 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.

```
\input texinfo @c -*- texinfo -*-
```

```
@c %**start of header
```

```
@setfilename short-history.info
```

```
@settitle A Short History of the GPGME bindings for Python
```

```
@documentencoding utf-8
```

```
@documentlanguage en
```

```
@c %**end of header
```

```
@finalout
```

```
@titlepage
```

```
@title A Short History of the GPGME bindings for Python
```

```
@author Ben McGinnes
```

```
@end titlepage
```

```
@contents
```

```
@ifnottex
```

```
@node Top
```

```
@top A Short History of the GPGME bindings for Python
```

```
@end ifnottex
```

```
@menu
```

```
* Overview::
```

```
* Relics of the past::
```

```
@detailmenu
```

```
--- The Detailed Node Listing ---
```

```
Overview
```

```
* In the beginning::
```

```
* Keeping the flame alive::
```

```
* Passing the torch::
```

* Coming full circle::

Relics of the past

* The Annoyances of Git::

* The Perils of PyPI::

The Perils of PyPI

* GPG 180 - Python bindings for GPGME GnuPG cryptography library::

* PyME 090 - Python support for GPGME GnuPG cryptography library::

@end detailmenu

@end menu

@node Overview

@chapter Overview

@multitable {aaaaaaaaaaaaaaaa} {aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa}

@item Version:

@tab

0.0.1

@item GPGME Version:

@tab 1.13.0

@item Author:

@tab Ben McGinnes <ben@gnupg.org>

@item Author GPG Key:

@tab DB4724E6FA4286C92B4E55C4321E4E2373590E5D

@item Language:

@tab Australian English, British English

@item xml:lang:

@tab en-AU, en-GB, en

@end multitable

The GPGME Python bindings passed through many hands and numerous phases before, after a fifteen year journey, coming full circle to return to the source. This is a short explanation of that journey.

@menu

* In the beginning::

* Keeping the flame alive::

* Passing the torch::

* Coming full circle::

@end menu

@node In the beginning

@section In the beginning

In 2002 John Goerzen released PyME; Python bindings for the GPGME module which utilised the current release of Python of the time and SWIG.^{@footnote{In all likelihood this would have been Python 2.2 or possibly Python 2.3.}} Shortly after creating it and ensuring it worked he stopped supporting it, though he left his work available on his Gopher site.

@node Keeping
the flame alive
@section Keeping the flame alive

A couple of years later the project was picked up by Igor Belyi and actively developed and maintained by him from 2004 to 2008. Igor's whereabouts at the time of this document's creation are unknown, but the current authors do hope he is well. We're assuming (or hoping) that life did what life does and made continuing untenable.

@node Passing the torch
@section Passing the torch

In 2014 Martin Albrecht wanted to patch a bug in the PyME code and discovered the absence of Igor. Following a discussion on the PyME mailing list he became the new maintainer for PyME, releasing version 0.9.0 in May of that year. He remains the maintainer of the original PyME release in Python 2.6 and 2.7 (available via PyPI).

@node Coming full circle
@section Coming full circle

In 2015 Ben McGinnes approached Martin about a Python 3 version, while investigating how complex a task this would be the task ended up being completed. A subsequent discussion with Werner Koch led to the decision to fold the Python 3 port back into the original GPGME release in the languages subdirectory for non-C bindings under the module name of @samp{pyme3}.

In 2016 this PyME module was integrated back into the GPGME project by Justus Winter. During the course of this work Justus adjusted the port to restore limited support for Python 2, but not as many minor point releases as the original PyME package supports. During the course of this integration the package was renamed to more accurately reflect its status as a component of GPGME. The @samp{pyme3} module was renamed to @samp{gpg} and adopted by the upstream GnuPG team.

In 2017 Justus departed G10code and the GnuPG team. Following this Ben returned to maintain of gpgme Python bindings and continue

building them from that point.

@node Relics of the past

@chapter Relics of the past

There are a few things, in addition to code specific factors, such as SWIG itself, which are worth noting here.

@menu

*

The Annoyances of Git::

* The Perils of PyPI::

@end menu

@node The Annoyances of Git

@section The Annoyances of Git

As anyone who has ever worked with git knows, submodules are horrible way to deal with pretty much anything. In the interests of avoiding migraines, that was skipped with addition of the PyME code to GPGME.

Instead the files were added to a subdirectory of the @samp{lang/} directory, along with a copy of the entire git log up to that point as a separate file within the @samp{lang/python/docs/} directory. @footnote{The entire PyME git log and other preceding VCS logs are located in the @samp{gpgme/lang/python/docs/old-commits.log} file.} As the log for PyME is nearly 100KB and the log for GPGME is approximately 1MB, this would cause considerable bloat, as well as some confusion, should the two be merged.

Hence the unfortunate, but necessary, step to simply move the files. A regular repository version has been maintained should it be possible to implement this better in the future.

@node The Perils of PyPI

@section The Perils of PyPI

The early port of the Python 2 @samp{pyme} module as @samp{pyme3} was never added to PyPI while the focus remained on development and testing during 2015 and early 2016. Later in 2016, however, when Justus completed his major integration work and subsequently renamed the module from @samp{pyme3} to @samp{gpg}, some prior releases were also provided through PyPI.

Since these bindings require a matching release of the GPGME libraries in order to function, it was determined that there was

little benefit in also providing a copy through PyPI since anyone obtaining the GPGME source code would obtain the Python bindings source code at the same time. Whereas there was the potential to sew confusion amongst Python users installing the module from PyPI, only to discover that without the relevant C files, header files or SWIG compiled binaries, the Python module did them little good.

There are only two files on PyPI which might turn up in a search for this module or a sample of its content:

```
@enumerate
@item
gpg (1.8.0) - Python bindings for GPGME GnuPG cryptography library
@item
pyme (0.9.0) - Python support for GPGME GnuPG cryptography library
@end enumerate
```

```
@menu
* GPG 180 - Python bindings for GPGME GnuPG cryptography library::
* PyME 090 - Python support for GPGME GnuPG cryptography library::
@end menu
```

```
@node GPG 180 - Python bindings for GPGME GnuPG cryptography library
@subsection GPG 180 - Python bindings for GPGME GnuPG cryptography library
```

This is the most recent version to reach PyPI and is the version of the official Python bindings which shipped with GPGME 1.8.0. If you have GPGME 1.8.0 installed and **only** 1.8.0 installed, then it is probably safe to use this copy from PyPI.

As there have been a lot of changes since the release of GPGME 1.8.0, the GnuPG Project recommends not using this version of the module and instead installing the current version of GPGME along with the Python bindings included with that package.

```
@node PyME 090 - Python support for GPGME GnuPG cryptography library
@subsection PyME 090 - Python support for GPGME GnuPG cryptography library
```

This is the last release of the PyME bindings maintained by Martin Albrecht and is only compatible with Python 2, it will not work with Python 3. This is the version of the software from which the port from Python 2 to Python 3 code was made in 2015.

Users of the more recent Python bindings will recognise numerous points of similarity, but also significant differences. It is likely that the more recent official bindings will feel "more

pythonic."

For those using Python 2, there is essentially no harm in using this module, but it may lack a number of more recent features added to GPGME.

@bye

commit 2145348ec54c6027f2ea20f695de0277e2871405

Merge: 348ba88 2036f1a

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 03:04:19 2015 +1000

Merge pull request #4 from Hasimir/master

history

commit 2036f1a0a670a0561993e195c458059220b36114

Merge: dbabf0c 348ba88

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 02:57:44 2015 +1000

Merge branch 'master' of github:adversary-org/pyme3

commit dbabf0cf1f2985755c2293b619011832e34faa9c

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 02:52:23 2015 +1000

Added a short history

- * A (very) brief summary of the project's history since 2002.
- * Deals with why the commit log in the GPGME repo does not include the history of PyME.
- * Mentions that intact git repos will be maintained, but not where they are (one will be on github, another will be in a user directory on playfair.gnupg.org).

docs/Short_History.rst | 57 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

1 file

changed, 57 insertions(+)

commit 348ba883424778c711c04ae9b66035ccdb36eb8c

Merge: 127d0a5 7c37a27

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 02:21:34 2015 +1000

Merge pull request #3 from Hasimir/master

Version release preparation

commit 7c37a27a6845c58222d4d947c2efbe38e955b612

Merge: f692cff 127d0a5

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 02:17:14 2015 +1000

Merge branch 'master' of github:adversary-org/pyme3

commit f692cff50a89c2c61acdbd3d7dd60f5ce3cd15af

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 02:09:44 2015 +1000

TODO update

* Removed reference to GitHub, replaced with impending new home at gnupg.org.

docs/TODO.rst | 4 +++--

1 file changed, 2 insertions(+), 2 deletions(-)

commit bd5ccf9e3bfe69fa681613757577e87b72ca08ec

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 02:00:44 2015 +1000

Version bump

* Bumped version number to 0.9.1 to keep it somewhat in line with the existing

PyME project, even though there will be some divergence at some point (or even re-merging, depending on how many of the Python 3 modifications can be back-ported to the Python 2 version).

* Updated the author and copyright information to reflect the two current authors (Martin and I).

* Replaced Igor's contact details with mine.

* Replaced project home page with the GnuPG one.

pyme/version.py | 16 ++++++++-----

1 file changed, 9 insertions(+), 7 deletions(-)

commit ec167512f4ca88d8f6e89e2ae831798c8283b4df

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 01:48:01 2015 +1000

README preparation.

* Changes in preparation for impending move of code to the GnuPG git server as a part of GPGME.

README.rst | 14 ++++++-----

1 file changed, 7 insertions(+), 7 deletions(-)

commit 8a48515e884c36b5bdb24a13cb4d2e49f4ee6f17

Author: Ben McGinnes <ben@adversary.org>

Date: Wed May 6 01:43:53 2015 +1000

TODO moved to docs

* As it says.

TODO.rst | 25 -----

docs/TODO.rst | 25 ++++++

2 files changed, 25 insertions(+), 25 deletions(-)

commit f968c777472f01f308f6e57eac1740bf5c76c205

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 16:52:13 2015 +1000

Started another TODO file.

TODO.rst | 25 ++++++

1 file changed, 25 insertions(+)

commit 127d0a56fa9f7ad1d4fb39d0b529b890a8d67365

Merge: db72dea 44837f6

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 14:59:44 2015 +1000

Merge pull request #2 from Hasimir/master

Minor editing.

commit 44837f6e50fc539c86aef1f75a6a3538b02029ea

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 14:56:55 2015 +1000

Minor editing.

* Fixed another URL.

* Changed Py3 version's version number to v0.9.1-beta0.

README.rst | 4 ++--

1 file changed, 2 insertions(+), 2 deletions(-)

commit db72deaae19c3513391df040bc6a66a88d9213af

Merge: db34286 48eb185

Author:

Ben McGinnes <ben@adversary.org>
Date: Sun May 3 14:26:11 2015 +1000

Merge pull request #1 from Hasimir/master

Links

commit 48eb1856cb0739cc9f0b9084da9d965e1fc7fddd
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 14:22:30 2015 +1000

Links

- * Fixed URLs for authors.
- * Updated my entry to point to github location.
- ** I strongly suspect the result of this work will be concurrent projects, so preparing for that eventuality with this repo.

README.rst | 8 ++++----
1 file changed, 4 insertions(+), 4 deletions(-)

commit db3428659783f30b9a76204403daedf9fc4cf7cf
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 11:29:00 2015 +1000

Explicit over Implicit ...

... isn't just for code.

- * Removed the 2to3 working directory and its contents.
- * Made the README.rst file a little more clear that this branch is for Python 3 (set Python 3.2 as a fairly arbitrary requirement for the moment, but will probably raise this to 3.3).

2to3/2to3-output-remaining.log | 60 ---
2to3/2to3-output-setup.log | 35 --
2to3/2to3-output.log | 950 -----
README.rst | 10 +-
4 files changed, 7 insertions(+), 1048 deletions(-)

commit 3edf07a4ba8a86af3a33246234d6e133074862af
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 11:19:41 2015 +1000

Added authors.

- * In alphabetical order.

* Mine will need updating once Martin and I have decided what to do regarding the two main branches.

README.rst | 12 ++++++++
1 file changed, 12 insertions(+)

commit 811eb14b53e8856312d99f46b77215f7f9bd672c
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 10:23:00 2015 +1000

Docs and other things.

- * Now able to import pyme.core without error, indicates port process is successful.
- * Code is **not** compatible with the Python 2 version.
- * Will need to consider making this a parallel project with the master branch.
- * Got rid of the .org TODO file.
- * Changed the README to use the reST file extension since it's full of reST anyway.

2to3/TODO.org | 5 ----
README.rst | 32 ++++++++
README.txt | 32 -----
3 files changed, 32 insertions(+), 37 deletions(-)

commit 79e784bdce1de6f7856921b5431044c62c6f015
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 10:18:40 2015 +1000

Fixed another implicit import by making it explicit. Hopefully this is the last one.

pyme/util.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 2b52b46ccda3e7abcc50eed0745062259d698661
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 10:16:01 2015 +1000

Fixed another implicit import by making it explicit.

pyme/errors.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 409c8fd565e21f23cd41daeffc867e6d23a0863
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 10:08:22

2015 +1000

Bytes vs. Unicode

* Trying PyBytes instead of PyUnicode.

gpgme.i | 14 ++++++-----
helpers.c | 8 +++++---
2 files changed, 11 insertions(+), 11 deletions(-)

commit d8164aa2ae98bf8c807c16e2d9be12c5fba7cfd
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 09:22:58 2015 +1000

String to Unicode

* Replaced all instances of PyString with PyUnicode (and hoping there's no byte data in there).

gpgme.i | 14 ++++++-----
helpers.c | 8 +++++---
2 files changed, 11 insertions(+), 11 deletions(-)

commit bd99b7865656e559b17c419c6b64b412a22c6c44
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 09:17:06 2015 +1000

PyInt_AsLong

* Replaced all instances of PyInt with PyLong, as per C API docs.

gpgme.i | 4 +---
helpers.c | 8 +++++---
2 files changed, 6 insertions(+), 6 deletions(-)

commit 3c91e2ccf8ca788b51e3308e292c6b64888fdb15
Author: Ben McGinnes <ben@adversary.org>
Date: Sun May 3 05:59:36 2015 +1000

Import correction

* Once pygpgme.py is generated and moved, it will be in the right directory for the explicit "from . import pygpgme" to be correct.

pyme/core.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 23a49e7070812ff1ce138d8d4cc46d0b80328897

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 05:38:29 2015 +1000

The -py3 flag.

Makefile | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit b1549587d6db5e33081b9c20f75d1348a1d25938

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 05:01:42 2015 +1000

Fixed indentation - 4.

pyme/core.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit a685142ce46761ee6f5176e90717176e38e0d24f

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 05:00:16 2015 +1000

Fixed indentation - 3.

pyme/core.py | 5 +++-
1 file changed, 2 insertions(+), 3 deletions(-)

commit 488a70b490cc64eb1c47d2483cb2f4079c6767f7

Author: Ben McGinnes <ben@adversary.org>

Date: Sun

May 3 04:53:21 2015 +1000

Pet Peeve

```
def pet_peeve(self):  
    peeve = print("people who don't press return after a colon!")
```

FFS!

pyme/core.py | 5 +++-
1 file changed, 3 insertions(+), 2 deletions(-)

commit a5d38eb47d64bb17bb609fe594dae2aca480bac9

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 04:47:54 2015 +1000

Fixed indentation - 2.

pyme/core.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 476a207f732b8559abb1ea3c23147c0e34804730

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 04:46:01 2015 +1000

Fixed indentation.

pyme/core.py | 4 +++
1 file changed, 2 insertions(+), 2 deletions(-)

commit 0572900eba9bcd9b0283c7d8e022e8972f06f9f8

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 04:43:49 2015 +1000

Replaced all tabs with 4 spaces.

pyme/core.py | 18 ++++++++-----
1 file changed, 9 insertions(+), 9 deletions(-)

commit 78c0b7677e94ce1e11b8cdb833a9064527187330

Author: Ben McGinnes <ben@adversary.org>

Date:

Sun May 3 04:39:07 2015 +1000

SWIG flags in the wrong place.

Makefile | 4 +++
1 file changed, 2 insertions(+), 2 deletions(-)

commit dfa7f2589963494a8f89277560d8c1116604a3c8

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 04:35:09 2015 +1000

Fixed subprocess call for swig (again).

setup.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 249bfd8c714dcda53127b99b6cc8a6c7c4a99f20

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 04:32:40 2015 +1000

Fixed subprocess call for swig.

setup.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 6fd7e719cf4c975f466ceb39835db7007df36fb2

Author: Ben McGinnes <ben@adversary.org>

Date: Sun May 3 03:51:48 2015 +1000

Linking swig to py3

* Changed the swig invocations to run with the -python -py3 flags explicitly.

Makefile | 4 +++-

setup.py | 2 +-
2 files changed, 3 insertions(+), 3 deletions(-)

commit 7a6b584f50ed6ddc8617a642185eea1f24ff791a

Author:

Ben McGinnes <ben@adversary.org>

Date: Sat May 2 11:12:00 2015 +1000

String fun

* streamlined confdata details, including decoding strom binary to string.

setup.py | 4 +---

1 file changed, 1 insertion(+), 3 deletions(-)

commit f7fd3f270592021a95a8f779bfe85ac18f4e390b

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 10:46:59 2015 +1000

Open File

* Removed deprecated file() and replaced with open().

examples/PyGtkGpgKeys.py | 2 +-
examples/pygpa.py | 6 +++---
gpgme-h-clean.py | 2 +-
3 files changed, 5 insertions(+), 5 deletions(-)

commit 4227d486f9558015e7e548d71085e58e1b50ec08

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 10:36:15 2015 +1000

print() fix

* Makefile includes a python print, changed from statement to function.

Makefile | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 406f7f2567b701502186fe0a325dc2a3491ff7f8

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 10:28:42
2015 +1000

Updated Makefile

- * set make to use python3 instead.
- * This will mean a successful port may need to be maintained separately from the original python2 code instead of merged, but ought to be able to share most things. So maybe merge with separated make files or a pre-make script to set python2 or python3 prior to building ... decide later, after it works.

Makefile | 6 +++---

1 file changed, 3 insertions(+), 3 deletions(-)

commit 90b3efa5b193d37e08dc9b4ee766ba9ebc9412af

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 10:15:20 2015 +1000

Env and a little license issue

- * Updated all the /usr/bin/env paths to point to python3.
- * Also fixed the hard coded /usr/bin/python paths.
- * Updated part of setup.py which gave the impression this package was only licensed under the GPL (it's actually licensed under the LGPL as well, essentially the same dual licensing as the GPGME library).

examples/PyGtkGpgKeys.py

| 2 +-
examples/delkey.py

| 2 +-
examples/encrypt-to-all.py

| 2 +-
examples/exportimport.py

| 2 +-
examples/genkey.py

| 2 +-
examples/inter-edit.py

| 2 +-
examples/pygpa.py

| 2 +-
examples/sign.py

| 2 +-
examples/signverify.py

| 2 +-
examples/simple.py

| 2 +-
examples/t-edit.py

| 2 +-
examples/testCMSgetkey.py

| 2 +-
examples/verifydetails.py

| 2 +-
gpgme-h-clean.py

| 2 +-
setup.py

| 4 +++--

15 files changed, 16 insertions(+), 16 deletions(-)

commit 1a4b55dbccd2774344352e579130bf494bc5fa4b

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 08:50:54 2015 +1000

Removed extraneous files.

* The two .bak files.

```
pyme/errors.py.bak | 46 -----
setup.py.bak      | 116 -----
2 files changed, 162 deletions(-)
```

commit 208879d4f2a6d0514c3f8ee2fc0da8bba42350de

Author: Ben McGinnes <ben@adversary.org>

Date:

Sat May 2 08:19:37 2015 +1000

Added TODO.org

* TODO list in Emacs org-mode.

* Will eventually be removed along with this entire directory when the porting process is complete.

```
2to3/TODO.org | 5 +++++
1 file changed, 5 insertions(+)
```

commit 1548bf201059638675c5387c6f124d4b703363a9

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 07:58:40 2015 +1000

2to3 conversion of remaining files

* Ran the extended version against all the unmodified python files.

* Only pyme/errors.py required additional work.

```
2to3/2to3-output-remaining.log | 60 +++++
pyme/errors.py                  | 2 +-
pyme/errors.py.bak              | 46 +++++
3 files changed, 107 insertions(+), 1 deletion(-)
```

commit 1230650bc6bbe4c14d1284f7877aa932f3e86eb4

Author: Ben McGinnes <ben@adversary.org>

Date: Sat May 2 07:50:39 2015 +1000

2to3 conversion of setup.py

* Ran extended 2to3 command to produce

python 3 code for setup.py.

* Effectively testing for what to run against the other originally unmodified py2 files.

```
2to3/2to3-output-setup.log | 35 ++++++
setup.py          | 7 +-
setup.py.bak      | 116 ++++++
3 files changed, 154 insertions(+), 4 deletions(-)
```

commit edad44955f59aa879e95a369591717fb19eec6b7

Author: Ben McGinnes <ben@adversary.org>

Date: Fri May 1 21:50:07 2015 +1000

Removing 2to3 generated .bak files.

* Not really needed with a real VCS, but couldn't hurt to have them for a couple of revisions. ;)

```
examples/PyGtkGpgKeys.py.bak      | 663 -----
examples/encrypt-to-all.py.bak   | 65 --
examples/exportimport.py.bak      | 75 --
examples/genkey.py.bak            | 45 -
examples/inter-edit.py.bak        | 57 --
examples/pygpa.py.bak             | 1457 -----
examples/sign.py.bak              | 31 -
examples/signverify.py.bak        | 78 --
examples/simple.py.bak            | 52 --
examples/t-edit.py.bak            | 59 --
examples/testCMSgetkey.py.bak     | 45 -
examples/verifydetails.py.bak     | 100 ---
gpgme-h-clean.py.bak             | 42 -
pyme/callbacks.py.bak            | 47 --
pyme/constants/data/__init__.py.bak | 4 -
pyme/constants/keylist/__init__.py.bak | 4 -
pyme/constants/sig/__init__.py.bak | 4 -
pyme/core.py.bak                 | 463 -----
pyme/util.py.bak                 | 72 --
pyme/version.py.bak              | 41 -
20 files changed, 3404 deletions(-)
```

commit 1cfc3c969f885ed191610bffb60ac23fdd349e

Author: Ben McGinnes <ben@adversary.org>

Date: Fri May 1 21:45:50 2015 +1000

2to3 conversion log

* The output of the command to convert the code from Python 2 to 3.

* Note: this contains the list of files which were not modified
and

which will or may need to be modified.

2to3/2to3-output.log | 950 ++++++
1 file changed, 950 insertions(+)

commit 078f6cf878aa62d12704fab424198a613a24cc8c

Author: Ben McGinnes <ben@adversary.org>

Date: Fri May 1 21:36:58 2015 +1000

2to3 conversion of pyme master

* Branch from commit 459f3eca659b4949e394c4a032d9ce2053e6c721

* Ran this: or x in `find . | egrep .py\$` ; do 2to3 -w \$x; done ;

* Multiple files not modified, will record elsewhere (see next commit).

```
examples/PyGtkGpgKeys.py      | 10 +-
examples/PyGtkGpgKeys.py.bak  | 663 ++++++
examples/encrypt-to-all.py   | 12 +-
examples/encrypt-to-all.py.bak | 65 ++
examples/exportimport.py      | 20 +-
examples/exportimport.py.bak  | 75 ++
examples/genkey.py            | 2 +-
examples/genkey.py.bak        | 45 +
examples/inter-edit.py
| 8 +-
examples/inter-edit.py.bak    | 57 ++
examples/pygpa.py             | 40 +-
examples/pygpa.py.bak         | 1457 ++++++
examples/sign.py              | 2 +-
examples/sign.py.bak          | 31 +
examples/signverify.py        | 18 +-
examples/signverify.py.bak    | 78 ++
examples/simple.py            | 8 +-
examples/simple.py.bak        | 52 ++
examples/t-edit.py            | 12 +-
examples/t-edit.py.bak        | 59 ++
examples/testCMSgetkey.py     | 8 +-
examples/testCMSgetkey.py.bak | 45 +
examples/verifydetails.py     | 34 +-
examples/verifydetails.py.bak | 100 +++
gpgme-h-clean.py              | 2 +-
gpgme-h-clean.py.bak          | 42 +
pyme/callbacks.py             | 6 +-
pyme/callbacks.py.bak         | 47 ++
pyme/constants/data/__init__.py
```

```
| 2 +-
pyme/constants/data/__init__.py.bak | 4 +
pyme/constants/keylist/__init__.py | 2 +-
pyme/constants/keylist/__init__.py.bak | 4 +
pyme/constants/sig/__init__.py | 2 +-
pyme/constants/sig/__init__.py.bak | 4 +
pyme/core.py | 26 +-
pyme/core.py.bak | 463 ++++++++
pyme/util.py | 6 +-
pyme/util.py.bak | 72 ++
pyme/version.py | 2 +-
pyme/version.py.bak | 41 +
40 files changed, 3515 insertions(+), 111 deletions(-)
```

commit 459f3eca659b4949e394c4a032d9ce2053e6c721

Merge: c5966ab dae7f14

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Wed Jul 9 10:48:33 2014 +0100

Merged in jerrykan/pyme/fix_setup_26 (pull request #1)

Provide support for using setup.py with Python v2.6

commit dae7f14a54e6c2bde0ad4da7308cc7fc0d0c0469

Author: John Kristensen

<john.kristensen@dpipwe.tas.gov.au>

Date: Wed Jul 9 15:54:39 2014 +1000

Provide support for using setup.py with Python v2.6

The setup.py script uses subprocess.check_output() which was introduced in Python v2.7. The equivalent functionality can be achieved without adding much extra code and provide support for Python v2.6.

```
setup.py | 4 +++-
```

1 file changed, 3 insertions(+), 1 deletion(-)

commit c5966abec9d772b3922d32650da288fd50a217be

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Thu May 15 19:43:00 2014 +0100

README.txt in ReST, including headlines

```
README.txt | 8 ++++++--
```

1 file changed, 6 insertions(+), 2 deletions(-)

commit 43ee8c6f34fa9b6d3975aa6ea60b3d4a741fa721

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Thu May 15 19:37:15 2014 +0100

README.txt in ReST

README.txt | 25 ++++++-----
1 file changed, 13 insertions(+), 12 deletions(-)

commit f71a369484cba8801df23ccc5842335fa496c0df

Author:

Martin Albrecht <martinralbrecht@googlemail.com>

Date: Thu May 15 19:28:12 2014 +0100

added MANIFEST.in and README.txt (instead of .md)

MANIFEST.in | 6 ++++++
README.md | 27 -----
README.txt | 27 ++++++-----
3 files changed, 33 insertions(+), 27 deletions(-)

commit d0d6755229f920b0bed043e9c2731de2d57c096c

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Tue May 13 09:52:44 2014 +0100

added mailing list to README

README.md | 19 ++++++-----
1 file changed, 16 insertions(+), 3 deletions(-)

commit 30ca60ddf92df684de261cb24c83c68089be0adc

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sun May 11 13:34:28 2014 +0100

we don't need a separate out of date ChangeLog file

ChangeLog | 802 -----
1 file changed, 802 deletions(-)

commit 8263f1a6d38fdb7f5f3dd5c7e28f83caa7528a08

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date:

Sun May 11 13:32:31 2014 +0100

adding README.md

README.md | 14 ++++++-----
1 file changed, 14 insertions(+)

commit 3fc71b47e9e14b0b984801c28d722723baa4b406

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sat May 10 15:43:06 2014 +0100

ValueError -> RuntimeError

setup.py | 4 +++-

1 file changed, 2 insertions(+), 2 deletions(-)

commit eec432abea56296b9fa36aac0d10926a2335b739

Merge: eea6537 d2738b3

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sat May 10 15:41:02 2014 +0100

Merge branch 'master' of bitbucket.org:malb/pyme

Conflicts:

setup.py

commit eea6537921061b4dcfc54e00a99d3fa110e71433

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sat May 10 15:39:51 2014 +0100

check for swig

setup.py | 8 ++++++++

1 file changed, 8 insertions(+)

commit 53867bf9715ee1b4ea873bf5e2fbb7d9740a2b4a

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sat May 10 15:35:04 2014 +0100

more friendly error message if gpgme is missing

setup.py | 8 ++++++++

1 file changed, 7 insertions(+), 1 deletion(-)

commit d2738b35d63b1492d69641c5466103685f2d3a30

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sat May 10 15:35:04 2014 +0100

more friendly error message if gpgme is missing

setup.py | 8 ++++++++

1 file changed, 7 insertions(+), 1 deletion(-)

commit c0b01240becf8ba6cf1d4c1f64b2cb4c056f5163

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Fri May 9 15:20:24 2014 +0100

version number should have three digits

pyme/version.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 6672bb60b9bec60d38e854016c48658b57774578

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Wed May 7 15:11:08 2014 +0100

bump version number for upcoming release

pyme/version.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 7bd6de700f33ca5d1f27bc16ebbd401f21d2e788

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date:

Sat May 3 19:36:25 2014 +0100

bump version number to indicate changes

pyme/version.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 4fb6bd9b3f47c1a343242ac83b326cacd12a136e

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sat May 3 19:34:07 2014 +0100

pyme instead of pygpgme

setup.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 9548973138d78241a45ccb82333b25f2cf36ce7d

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sat May 3 19:31:10 2014 +0100

dirty hack to make 'python setup.py install' work

setup.py | 7 +++++--
1 file changed, 4 insertions(+), 3 deletions(-)

commit a961d7eab9db478b7e603324bc5d243bd3c84bad

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sat May 3 19:05:44 2014 +0100

moved everything down to the toplevel directory

```

COPYING | 340 ++
COPYING.LESSER | 510 +++
ChangeLog
      | 802 ++++++
INSTALL | 15 +
Makefile | 104 +
debian/README.Debian | 6 +
debian/changelog | 93 +
debian/control | 34 +
debian/copyright | 25 +
debian/docs | 2 +
debian/examples | 2 +
debian/rules | 99 +
examples/PyGtkGpgKeys.glade | 1394 ++++++++
examples/PyGtkGpgKeys.gladep | 8 +
examples/PyGtkGpgKeys.py | 663 ++++
examples/delkey.py | 34 +
examples/encrypt-to-all.py | 65 +
examples/exportimport.py | 75 +
examples/genkey.py | 45 +
examples/inter-edit.py | 57 +
examples/pygpa.glade | 5546 ++++++++
examples/pygpa.py
      | 1457 ++++++++
examples/sign.py | 31 +
examples/signverify.py | 78 +
examples/simple.py | 52 +
examples/t-edit.py | 59 +
examples/testCMSgetkey.py | 45 +
examples/verifydetails.py | 100 +
gpgme-h-clean.py | 42 +
gpgme.i | 267 ++
helpers.c | 154 +
helpers.h | 36 +
pyme/COPYING | 340 --
pyme/COPYING.LESSER | 510 ---
pyme/ChangeLog | 802 -----
pyme/INSTALL | 15 -
pyme/Makefile | 104 -
pyme/__init__.py | 137 +
pyme/callbacks.py | 47 +
pyme/constants/__init__.py | 7 +
pyme/constants/data/__init__.py | 4
+
pyme/constants/data/encoding.py | 20 +
pyme/constants/event.py | 20 +
pyme/constants/import.py | 20 +

```



```

pyme/constants/keylist/__init__.py | 4 +
pyme/constants/keylist/mode.py | 20 +
pyme/constants/md.py | 20 +
pyme/constants/pk.py | 20 +
pyme/constants/protocol.py | 20 +
pyme/constants/sig/__init__.py | 4 +
pyme/constants/sig/mode.py | 20 +
pyme/constants/sigsum.py | 20 +
pyme/constants/status.py | 20 +
pyme/constants/validity.py | 20 +
pyme/core.py | 463 +++
pyme/debian/README.Debian | 6 -
pyme/debian/changelog | 93 -
pyme/debian/control | 34 -
pyme/debian/copyright | 25 -
pyme/debian/docs | 2 -
pyme/debian/examples |
2 -
pyme/debian/rules | 99 -
pyme/errors.py | 46 +
pyme/examples/PyGtkGpgKeys.glade | 1394 -----
pyme/examples/PyGtkGpgKeys.gladep | 8 -
pyme/examples/PyGtkGpgKeys.py | 663 ----
pyme/examples/delkey.py | 34 -
pyme/examples/encrypt-to-all.py | 65 -
pyme/examples/exportimport.py | 75 -
pyme/examples/genkey.py | 45 -
pyme/examples/inter-edit.py | 57 -
pyme/examples/pygpa.glade | 5546 -----
pyme/examples/pygpa.py | 1457 -----
pyme/examples/sign.py | 31 -
pyme/examples/signverify.py | 78 -
pyme/examples/simple.py | 52 -
pyme/examples/t-edit.py | 59 -
pyme/examples/testCMSgetkey.py | 45 -
pyme/examples/verifydetails.py | 100 -
pyme/gpgme-h-clean.py | 42 -
pyme/gpgme.i | 267 --
pyme/helpers.c | 154 -
pyme/helpers.h | 36 -
pyme/pyme/__init__.py | 137 -
pyme/pyme/callbacks.py | 47 -
pyme/pyme/constants/__init__.py | 7 -
pyme/pyme/constants/data/__init__.py | 4 -
pyme/pyme/constants/data/encoding.py | 20 -
pyme/pyme/constants/event.py | 20 -
pyme/pyme/constants/import.py | 20 -
pyme/pyme/constants/keylist/__init__.py | 4 -

```

```

pyme/pyme/constants/keylist/mode.py | 20 -
pyme/pyme/constants/md.py          | 20 -
pyme/pyme/constants/pk.py          | 20 -
pyme/pyme/constants/protocol.py    | 20 -
pyme/pyme/constants/sig/__init__.py | 4 -
pyme/pyme/constants/sig/mode.py    | 20 -
pyme/pyme/constants/sigsum.py      | 20 -
pyme/pyme/constants/status.py      | 20 -
pyme/pyme/constants/validity.py    | 20
-
pyme/pyme/core.py                  | 463 ---
pyme/pyme/errors.py                | 46 -
pyme/pyme/util.py                  | 72 -
pyme/pyme/version.py               | 41 -
pyme/setup.py                      | 99 -
pyme/util.py                       | 72 +
pyme/version.py                    | 41 +
setup.py                           | 99 +
108 files changed, 13384 insertions(+), 13384 deletions(-)

```

commit 8148cdd424c434e833ce427612ea8c89abc6e41c

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Sat May 3 18:58:52 2014 +0100

removing pyme-web

```

pyme-web/Makefile                  | 15 -
pyme-web/default.css               | 37 --
pyme-web/doc/gpgme/ASCII-Armor.html | 57 ---
pyme-web/doc/gpgme/Advanced-Key-Editing.html | 98 ----
pyme-web/doc/gpgme/Algorithms.html | 47 --
pyme-web/doc/gpgme/Building-the-Source.html | 82 ----
.../doc/gpgme/Callback-Based-Data-Buffers.html | 148 -----
pyme-web/doc/gpgme/Cancellation.html | 67 ---
pyme-web/doc/gpgme/Concept-Index.html | 186 -----
pyme-web/doc/gpgme/Context-Attributes.html | 52 --
pyme-web/doc/gpgme/Contexts.html | 61 ---
pyme-web/doc/gpgme/Creating-Contexts.html | 49 --
pyme-web/doc/gpgme/Creating-Data-Buffers.html | 47 --
pyme-web/doc/gpgme/Creating-a-Signature.html | 143 -----
pyme-web/doc/gpgme/Crypto-Engine.html | 79 ---
pyme-web/doc/gpgme/Crypto-Operations.html | 67 ---
.../doc/gpgme/Cryptographic-Message-Syntax.html | 42 --
.../doc/gpgme/Data-Buffer-I_002fO-Operations.html | 104 ----
pyme-web/doc/gpgme/Data-Buffer-Meta_002dData.html | 100 ----
pyme-web/doc/gpgme/Decrypt-and-Verify.html | 79 ---
pyme-web/doc/gpgme/Decrypt.html | 123 -----
pyme-web/doc/gpgme/Deleting-Keys.html | 67

```

pyme-web/doc/gpgme/Destroying-Contexts.html	46 --
pyme-web/doc/gpgme/Destroying-Data-Buffers.html	70 ---
pyme-web/doc/gpgme/Encrypt.html	45 --
pyme-web/doc/gpgme/Encrypting-a-Plaintext.html	147 -----
pyme-web/doc/gpgme/Engine-Configuration.html	65 ---
pyme-web/doc/gpgme/Engine-Information.html	119 -----
pyme-web/doc/gpgme/Engine-Version-Check.html	48 --
pyme-web/doc/gpgme/Error-Codes.html	133 -----
pyme-web/doc/gpgme/Error-Handling.html	72 ---
pyme-web/doc/gpgme/Error-Sources.html	89 ----
pyme-web/doc/gpgme/Error-Strings.html	80 ---
pyme-web/doc/gpgme/Error-Values.html	159 -----
pyme-web/doc/gpgme/Exchanging-Data.html	58 ---
pyme-web/doc/gpgme/Exporting-Keys.html	101 ----
pyme-web/doc/gpgme/Features.html	59 ---
pyme-web/doc/gpgme/File-Based-Data-Buffers.html	74

pyme-web/doc/gpgme/Function-and-Data-Index.html	229 -----
pyme-web/doc/gpgme/Generating-Keys.html	144 -----
pyme-web/doc/gpgme/Getting-Started.html	55 ---
pyme-web/doc/gpgme/Hash-Algorithms.html	59 ---
pyme-web/doc/gpgme/Header.html	53 --
.../doc/gpgme/I_002fO-Callback-Example-GDK.html	85 ----
.../gpgme/I_002fO-Callback-Example-GTK_002b.html	86 ----
.../doc/gpgme/I_002fO-Callback-Example-Qt.html	99 ----
pyme-web/doc/gpgme/I_002fO-Callback-Example.html	259 -----
pyme-web/doc/gpgme/I_002fO-Callback-Interface.html	142 -----
pyme-web/doc/gpgme/Importing-Keys.html	171 -----
pyme-web/doc/gpgme/Included-Certificates.html	70 ---
pyme-web/doc/gpgme/Information-About-Keys.html	207 -----
.../doc/gpgme/Information-About-Trust-Items.html	75 ---
pyme-web/doc/gpgme/Introduction.html	53 --
pyme-web/doc/gpgme/Key-Listing-Mode.html	99 ----
pyme-web/doc/gpgme/Key-Management.html	260 -----
pyme-web/doc/gpgme/Key-Signatures.html	130 -----
.../doc/gpgme/Largefile-Support-_0028LFS_0029.html	110 -----
pyme-web/doc/gpgme/Library-Copying.html	542 -----
pyme-web/doc/gpgme/Library-Version-Check.html	97 ----
pyme-web/doc/gpgme/Listing-Keys.html	204 -----
pyme-web/doc/gpgme/Listing-Trust-Items.html	88 ----
pyme-web/doc/gpgme/Locale.html	69 ---
pyme-web/doc/gpgme/Manipulating-Data-Buffers.html	45 --
pyme-web/doc/gpgme/Manipulating-Keys.html	63 ---
pyme-web/doc/gpgme/Manipulating-Trust-Items.html	62 ---
pyme-web/doc/gpgme/Memory-Based-Data-Buffers.html	107 ----
pyme-web/doc/gpgme/Multi-Threading.html	93 ----

pyme-web/doc/gpgme/OpenPGP.html	44 --
pyme-web/doc/gpgme/Overview.html	57 ---
pyme-web/doc/gpgme/Passphrase-Callback.html	101 ----
pyme-web/doc/gpgme/Preparation.html	54 --
pyme-web/doc/gpgme/Progress-Meter-Callback.html	80 ---
pyme-web/doc/gpgme/Protocol-Selection.html	60 ---
pyme-web/doc/gpgme/Protocols-and-Engines.html	82 ----
pyme-web/doc/gpgme/Public-Key-Algorithms.html	74 ---
.../doc/gpgme/Registering-I_002fO-Callbacks.html	81 ---
pyme-web/doc/gpgme/Run-Control.html	53 --
pyme-web/doc/gpgme/Selecting-Signers.html	64 ---
pyme-web/doc/gpgme/Sign.html	50 --
pyme-web/doc/gpgme/Signal-Handling.html	61 ---
pyme-web/doc/gpgme/Signature-Notation-Data.html	85 ----
pyme-web/doc/gpgme/Text-Mode.html	63 ---
pyme-web/doc/gpgme/Trust-Item-Management.html	68 ---
pyme-web/doc/gpgme/Using-Automake.html	74 ---
pyme-web/doc/gpgme/Using-External-Event-Loops.html	74 ---
pyme-web/doc/gpgme/Using-Libtool.html	44 --
pyme-web/doc/gpgme/Verify.html	492 -----
pyme-web/doc/gpgme/Waiting-For-Completion.html	77 ---
pyme-web/doc/gpgme/index.html	169 -----
pyme-web/doc/pyme/index.html	164 -----
pyme-web/doc/pyme/pyme.callbacks.html	42 --
.../doc/pyme/pyme.constants.data.encoding.html	48 --
pyme-web/doc/pyme/pyme.constants.data.html	29 --
pyme-web/doc/pyme/pyme.constants.event.html	48 --
pyme-web/doc/pyme/pyme.constants.html	39 --
pyme-web/doc/pyme/pyme.constants.import.html	49 --
pyme-web/doc/pyme/pyme.constants.keylist.html	29 --
pyme-web/doc/pyme/pyme.constants.keylist.mode.html	49 --
pyme-web/doc/pyme/pyme.constants.md.html	58 ---
pyme-web/doc/pyme/pyme.constants.pk.html	50 --
pyme-web/doc/pyme/pyme.constants.protocol.html	48 --
pyme-web/doc/pyme/pyme.constants.sig.html	29 --
pyme-web/doc/pyme/pyme.constants.sig.mode.html	47 --
pyme-web/doc/pyme/pyme.constants.sigsum.html	55 ---
pyme-web/doc/pyme/pyme.constants.status.html	126 ----
pyme-web/doc/pyme/pyme.constants.validity.html	50 --
pyme-web/doc/pyme/pyme.core.html	277 -----
pyme-web/doc/pyme/pyme.errors.html	82 ----
pyme-web/doc/pyme/pyme.html	164 -----
pyme-web/doc/pyme/pyme.util.html	81 ---
pyme-web/doc/pyme/pyme.version.html	37 --
pyme-web/index.html	72 ---

112 files changed, 10551 deletions(-)

commit 684d95feb7e10e538a56fb1b27f1456111bacb60

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Mon Jan 6 17:44:20 2014 +0100

fixing op_export_keys()

the conversion of gpgme_key_t [] was restricted to gpgme_key_t [] with the name recv, i.e. only

the use-cases of encryption were covered.

see: http://sourceforge.net/mailarchive/forum.php?forum_name=pyme-help&max_rows=25&style=nested&viewmonth=201309

pyme/gpgme.i | 6 +++---

1 file changed, 3 insertions(+), 3 deletions(-)

commit 658d23b95110d21eeb50abf4e74701a667521a88

Author: Martin Albrecht <martinralbrecht@googlemail.com>

Date: Mon Jan 6 17:41:33 2014 +0100

deleting CVSROOT

CVSROOT/checkoutlist | 13 -----

CVSROOT/commitinfo | 15 -----

CVSROOT/config | 21 -----

CVSROOT/cvswrappers | 19 -----

CVSROOT/editinfo | 21 -----

CVSROOT/loginfo | 26 -----

CVSROOT/modules | 26 -----

CVSROOT/notify | 12 -----

CVSROOT/rcsinfo | 13 -----

CVSROOT/taginfo | 20 -----

CVSROOT/verifymsg | 21 -----

11 files changed, 207 deletions(-)

commit 576b555499c094c4786d42de9e59aa9826009b89

Author:

convert-repo <devnull@localhost>

Date: Mon Jan 6 15:22:44 2014 +0000

update tags

commit 2dcf0c5b702eb5a18c66ff1e42a72eaa7427af1d

Author: belyi <devnull@localhost>

Date: Wed Nov 26 02:38:33 2008 +0000

Move Windows specific fix from helpers.c to helpers.h so that it works for edit callback as well as for the passphrase one.

```
pyme/helpers.c | 5 ----  
pyme/helpers.h | 5 +++++  
2 files changed, 5 insertions(+), 5 deletions(-)
```

```
commit 42a035f2ef62470fea7a7f8ee33a1297fa90a603  
Author: belyi <devnull@localhost>  
Date: Mon Nov 24 21:44:30 2008 +0000
```

Update the way build directives are constructed on MinGW to have a bit more robust. Update PyMe build version to 0.8.1 in version.py

```
pyme/pyme/version.py | 2 +-  
pyme/setup.py | 10 ++++++---  
2 files changed, 9 insertions(+), 3 deletions(-)
```

```
commit 3aaa20fbcba17066c9ffd580f5209946022793a2  
Author: belyi <devnull@localhost>  
Date: Mon Nov 24 06:57:11 2008 +0000
```

Update changelog

```
pyme/debian/changelog  
| 5 ++++-  
1 file changed, 4 insertions(+), 1 deletion(-)
```

```
commit 689ff46b2550547e3883f809a6dc40c22c3e137e  
Author: belyi <devnull@localhost>  
Date: Mon Nov 24 06:50:41 2008 +0000
```

Fix hang problem on Windows when password is written to a filehandle. Fix the way path is constructed on MinGW platform.

```
pyme/helpers.c | 5 +++++  
pyme/setup.py | 4 +++-  
2 files changed, 7 insertions(+), 2 deletions(-)
```

```
commit 852a60d541d66cb56f40378182b976fd87a02c46  
Author: belyi <devnull@localhost>  
Date: Sun Nov 23 04:31:31 2008 +0000
```

Add Bernard's example testCMSgetkey.py and his updates for verifydetails.py

```
pyme/examples/testCMSgetkey.py | 45 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++  
pyme/examples/verifydetails.py | 43 ++++++++++++++++++++++++++++++++++++++-----
```

2 files changed, 77 insertions(+), 11 deletions(-)

commit f080527d9184f3360f0a8ef6136b9a188d8e7d2a
Author: belyi <devnull@localhost>
Date: Thu May 29 18:29:37 2008 +0000

Remove debian packaging for python2.3
since it is removed from both
testing and unstable dists.
Update docs build target to have correct PYTHONPATH set.

pyme/Makefile | 2 +-
pyme/debian/changelog | 4 +++-
pyme/debian/control | 4 +++-
pyme/debian/rules | 2 --
4 files changed, 6 insertions(+), 6 deletions(-)

commit c25d133fcbadf3c7f6e655586b4a05d6e3cf6f0b
Author: belyi <devnull@localhost>
Date: Thu Apr 3 13:37:12 2008 +0000

Forgot to adjust mainText margin. Doing it now.

pyme-web/default.css | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit 897286a54a32336d060cd03305cdec7905f34f1
Author: belyi <devnull@localhost>
Date: Thu Apr 3 13:00:11 2008 +0000

Fix an error in default.css and make index.html "Standards Compliant".

pyme-web/default.css | 2 +-
pyme-web/index.html | 7 ++++---
2 files changed, 5 insertions(+), 4 deletions(-)

commit 4e049212bd214449cc0ba1ce06e00782783f328a
Author: belyi <devnull@localhost>
Date: Thu Apr 3 12:38:42 2008 +0000

Adjust spacing
between links.

pyme-web/default.css | 9 ++++++---
1 file changed, 6 insertions(+), 3 deletions(-)

commit cb2bddfdb77483b1deb14f2eab0715a03dd33fcd
Author: belyi <devnull@localhost>

Date: Wed Apr 2 22:50:21 2008 +0000

Make style a big more IE friendly.

pyme-web/default.css | 15 ++++++++-----
1 file changed, 11 insertions(+), 4 deletions(-)

commit ad66f0a1bb01b46baac328e9fee439b35a60c232

Author: belyi <devnull@localhost>

Date: Wed Apr 2 11:58:32 2008 +0000

Make GPGME documentation a bit more web friendly on the index.html page.

pyme-web/doc/gpgme/Algorithms.html | 2 +-
pyme-web/doc/gpgme/Concept-Index.html | 2 +-
pyme-web/doc/gpgme/Contexts.html | 2 +-
pyme-web/doc/gpgme/Error-Handling.html | 2 +-
pyme-web/doc/gpgme/Exchanging-Data.html | 2 +-
pyme-web/doc/gpgme/Function-and-Data-Index.html | 2 +-
pyme-web/doc/gpgme/Introduction.html | 4 +-
pyme-web/doc/gpgme/Library-Copying.html
| 2 +-
pyme-web/doc/gpgme/Preparation.html | 2 +-
pyme-web/doc/gpgme/Protocols-and-Engines.html | 2 +-
pyme-web/doc/gpgme/index.html | 229 +-----
11 files changed, 12 insertions(+), 239 deletions(-)

commit 4f57c0ccb049d4442e7732e2d1d05dabffd2a21d

Author: belyi <devnull@localhost>

Date: Wed Apr 2 06:12:57 2008 +0000

Add missing core.set_locale() to set default locale for contexts.

pyme/debian/changelog | 2 +-
pyme/pyme/core.py | 4 ++++
2 files changed, 5 insertions(+), 1 deletion(-)

commit acf7ead3dea8590cf9fe86b67bb125837ad6ed4f

Author: belyi <devnull@localhost>

Date: Wed Apr 2 05:50:24 2008 +0000

Avoid leaks caused by keys.

Add set/get methods for engine info.

pyme/debian/changelog | 10 ++++++++
pyme/pyme/core.py | 24 ++++++++
2 files changed, 34 insertions(+)

commit df4a2fb518adbb6420d95ce74af212c87abff7e7

Author: belyi <devnull@localhost>

Date: Wed Apr 2

04:04:41 2008 +0000

Update index.html to reflect new versions on the web.

```
pyme-web/Makefile          | 3 +-  
pyme-web/doc/gpgme/index.html | 4 +---  
pyme-web/index.html        | 4 ++--  
3 files changed, 5 insertions(+), 6 deletions(-)
```

commit bd3ffc9bdf98d6aafde6b689c6c8215fa468612d

Author: belyi <devnull@localhost>

Date: Wed Apr 2 04:01:04 2008 +0000

Update PyMe documentation to match 0.8.0 version of the package.

```
pyme-web/doc/pyme/index.html          | 14 ++++-----  
pyme-web/doc/pyme/pyme.constants.keylist.mode.html | 1 +  
pyme-web/doc/pyme/pyme.constants.protocol.html    | 4 +-  
pyme-web/doc/pyme/pyme.constants.status.html     | 9 ++++++  
pyme-web/doc/pyme/pyme.core.html              | 36 ++++++++-----  
pyme-web/doc/pyme/pyme.errors.html            | 8 +----  
pyme-web/doc/pyme/pyme.html                 | 14 ++++-----  
pyme-web/doc/pyme/pyme.util.html             | 17 ++++++++--  
pyme-web/doc/pyme/pyme.version.html          | 14 ++++-----  
9 files changed, 82 insertions(+), 35 deletions(-)
```

commit 6973a69a317608a0d0661590d701f4e3f3a21b32

Author: belyi <devnull@localhost>

Date: Wed Apr 2 02:35:24 2008 +0000

Have a fix for Contents being put onto 'Function and Data Index' page.

```
pyme-web/doc/gpgme/Concept-Index.html      | 2 +-  
pyme-web/doc/gpgme/Function-and-Data-Index.html | 153 +-----  
pyme-web/doc/gpgme/index.html              | 154 ++++++++-----  
3 files changed, 155 insertions(+), 154 deletions(-)
```

commit 086315964cbc2abad1187f306dcb9c72ac3257f3

Author: belyi <devnull@localhost>

Date: Wed Apr 2 01:00:29 2008 +0000

Update GPGME documentation. It's for v1.1.6 now.

```
pyme-web/doc/gpgme/ASCII-Armor.html        | 57 ++
```

pyme-web/doc/gpgme/Advanced-Key-Editing.html | 98 +++
 pyme-web/doc/gpgme/Algorithms.html | 47 ++
 pyme-web/doc/gpgme/Building-the-Source.html | 82 +++
 .../doc/gpgme/Callback-Based-Data-Buffers.html
 | 148 +++++
 pyme-web/doc/gpgme/Cancellation.html | 67 ++
 pyme-web/doc/gpgme/Concept-Index.html | 186 ++++++
 pyme-web/doc/gpgme/Context-Attributes.html | 52 ++
 pyme-web/doc/gpgme/Contexts.html | 61 ++
 pyme-web/doc/gpgme/Creating-Contexts.html | 49 ++
 pyme-web/doc/gpgme/Creating-Data-Buffers.html | 47 ++
 pyme-web/doc/gpgme/Creating-a-Signature.html | 143 ++++++
 pyme-web/doc/gpgme/Crypto-Engine.html | 79 +++
 pyme-web/doc/gpgme/Crypto-Operations.html | 67 ++
 .../doc/gpgme/Cryptographic-Message-Syntax.html | 42 ++
 .../doc/gpgme/Data-Buffer-I_002fO-Operations.html | 104 +++++
 pyme-web/doc/gpgme/Data-Buffer-Meta_002dData.html | 100 +++
 pyme-web/doc/gpgme/Decrypt-and-Verify.html | 79 +++
 pyme-web/doc/gpgme/Decrypt.html | 123 +++++
 pyme-web/doc/gpgme/Deleting-Keys.html | 67 ++
 pyme-web/doc/gpgme/Destroying-Contexts.html
 | 46 ++
 pyme-web/doc/gpgme/Destroying-Data-Buffers.html | 70 +++
 pyme-web/doc/gpgme/Encrypt.html | 45 ++
 pyme-web/doc/gpgme/Encrypting-a-Plaintext.html | 147 ++++++
 pyme-web/doc/gpgme/Engine-Configuration.html | 65 ++
 pyme-web/doc/gpgme/Engine-Information.html | 119 +++++
 pyme-web/doc/gpgme/Engine-Version-Check.html | 48 ++
 pyme-web/doc/gpgme/Error-Codes.html | 133 +++++
 pyme-web/doc/gpgme/Error-Handling.html | 72 +++
 pyme-web/doc/gpgme/Error-Sources.html | 89 +++
 pyme-web/doc/gpgme/Error-Strings.html | 80 +++
 pyme-web/doc/gpgme/Error-Values.html | 159 ++++++
 pyme-web/doc/gpgme/Exchanging-Data.html | 58 ++
 pyme-web/doc/gpgme/Exporting-Keys.html | 101 +++
 pyme-web/doc/gpgme/Features.html | 59 ++
 pyme-web/doc/gpgme/File-Based-Data-Buffers.html | 74 +++
 pyme-web/doc/gpgme/Function-and-Data-Index.html
 | 380 ++++++
 pyme-web/doc/gpgme/Generating-Keys.html | 144 ++++++
 pyme-web/doc/gpgme/Getting-Started.html | 55 ++
 pyme-web/doc/gpgme/Hash-Algorithms.html | 59 ++
 pyme-web/doc/gpgme/Header.html | 53 ++
 .../doc/gpgme/I_002fO-Callback-Example-GDK.html | 85 +++
 .../gpgme/I_002fO-Callback-Example-GTK_002b.html | 86 +++
 .../doc/gpgme/I_002fO-Callback-Example-Qt.html | 99 +++
 pyme-web/doc/gpgme/I_002fO-Callback-Example.html | 259 ++++++
 pyme-web/doc/gpgme/I_002fO-Callback-Interface.html | 142 ++++++

pyme-web/doc/gpgme/Importing-Keys.html | 171 +++++
 pyme-web/doc/gpgme/Included-Certificates.html | 70 +++
 pyme-web/doc/gpgme/Information-About-Keys.html | 207 +++++++
 ../doc/gpgme/Information-About-Trust-Items.html | 75 +++
 pyme-web/doc/gpgme/Introduction.html | 53 ++
 pyme-web/doc/gpgme/Key-Listing-Mode.html | 99 +++
 pyme-web/doc/gpgme/Key-Management.html
 | 260 ++++++++
 pyme-web/doc/gpgme/Key-Signatures.html | 130 ++++
 ../doc/gpgme/Largefile-Support-_0028LFS_0029.html | 110 ++++
 pyme-web/doc/gpgme/Library-Copying.html | 542 ++++++++
 pyme-web/doc/gpgme/Library-Version-Check.html | 97 +++
 pyme-web/doc/gpgme/Listing-Keys.html | 204 ++++++
 pyme-web/doc/gpgme/Listing-Trust-Items.html | 88 +++
 pyme-web/doc/gpgme/Locale.html | 69 +++
 pyme-web/doc/gpgme/Manipulating-Data-Buffers.html | 45 ++
 pyme-web/doc/gpgme/Manipulating-Keys.html | 63 ++
 pyme-web/doc/gpgme/Manipulating-Trust-Items.html | 62 ++
 pyme-web/doc/gpgme/Memory-Based-Data-Buffers.html | 107 ++++
 pyme-web/doc/gpgme/Multi-Threading.html | 93 +++
 pyme-web/doc/gpgme/OpenPGP.html | 44 ++
 pyme-web/doc/gpgme/Overview.html | 57 ++
 pyme-web/doc/gpgme/Passphrase-Callback.html | 101 +++
 pyme-web/doc/gpgme/Preparation.html
 | 54 ++
 pyme-web/doc/gpgme/Progress-Meter-Callback.html | 80 +++
 pyme-web/doc/gpgme/Protocol-Selection.html | 60 ++
 pyme-web/doc/gpgme/Protocols-and-Engines.html | 82 +++
 pyme-web/doc/gpgme/Public-Key-Algorithms.html | 74 +++
 ../doc/gpgme/Registering-I_002fO-Callbacks.html | 81 +++
 pyme-web/doc/gpgme/Run-Control.html | 53 ++
 pyme-web/doc/gpgme/Selecting-Signers.html | 64 ++
 pyme-web/doc/gpgme/Sign.html | 50 ++
 pyme-web/doc/gpgme/Signal-Handling.html | 61 ++
 pyme-web/doc/gpgme/Signature-Notation-Data.html | 85 +++
 pyme-web/doc/gpgme/Text-Mode.html | 63 ++
 pyme-web/doc/gpgme/Trust-Item-Management.html | 68 ++
 pyme-web/doc/gpgme/Using-Automake.html | 74 +++
 pyme-web/doc/gpgme/Using-External-Event-Loops.html | 74 +++
 pyme-web/doc/gpgme/Using-Libtool.html | 44 ++
 pyme-web/doc/gpgme/Verify.html
 | 492 ++++++++
 pyme-web/doc/gpgme/Waiting-For-Completion.html | 77 +++
 pyme-web/doc/gpgme/gpgme.html | 251 -----
 pyme-web/doc/gpgme/gpgme_1.html | 76 ---
 pyme-web/doc/gpgme/gpgme_10.html | 61 --
 pyme-web/doc/gpgme/gpgme_11.html | 130 ----
 pyme-web/doc/gpgme/gpgme_12.html | 82 ---

pyme-web/doc/gpgme/gpgme_13.html	130 ----
pyme-web/doc/gpgme/gpgme_14.html	108 ----
pyme-web/doc/gpgme/gpgme_15.html	69 ---
pyme-web/doc/gpgme/gpgme_16.html	169 -----
pyme-web/doc/gpgme/gpgme_17.html	63 --
pyme-web/doc/gpgme/gpgme_18.html	63 --
pyme-web/doc/gpgme/gpgme_19.html	66 --
pyme-web/doc/gpgme/gpgme_2.html	79 ---
pyme-web/doc/gpgme/gpgme_20.html	120 ----
pyme-web/doc/gpgme/gpgme_21.html	102 ---
pyme-web/doc/gpgme/gpgme_22.html	108 ----
pyme-web/doc/gpgme/gpgme_23.html	237 -----
pyme-web/doc/gpgme/gpgme_24.html	154 -----
pyme-web/doc/gpgme/gpgme_25.html	248 -----
pyme-web/doc/gpgme/gpgme_26.html	107 ----
pyme-web/doc/gpgme/gpgme_27.html	80 ---
pyme-web/doc/gpgme/gpgme_28.html	67 --
pyme-web/doc/gpgme/gpgme_29.html	164 -----
pyme-web/doc/gpgme/gpgme_3.html	86 ---
pyme-web/doc/gpgme/gpgme_30.html	106 ----
pyme-web/doc/gpgme/gpgme_31.html	232 -----
pyme-web/doc/gpgme/gpgme_32.html	85 ---
pyme-web/doc/gpgme/gpgme_33.html	223 -----
pyme-web/doc/gpgme/gpgme_34.html	83 ---
pyme-web/doc/gpgme/gpgme_35.html	70 ---
pyme-web/doc/gpgme/gpgme_36.html	63 --
pyme-web/doc/gpgme/gpgme_37.html	66 --
pyme-web/doc/gpgme/gpgme_38.html	86 ---
pyme-web/doc/gpgme/gpgme_39.html	79 ---
pyme-web/doc/gpgme/gpgme_4.html	83 ---
pyme-web/doc/gpgme/gpgme_40.html	89 ---
pyme-web/doc/gpgme/gpgme_41.html	99 ---
pyme-web/doc/gpgme/gpgme_42.html	144 -----
pyme-web/doc/gpgme/gpgme_43.html	152 -----
pyme-web/doc/gpgme/gpgme_44.html	112 ----
pyme-web/doc/gpgme/gpgme_45.html	101 ---
pyme-web/doc/gpgme/gpgme_46.html	459 -----
pyme-web/doc/gpgme/gpgme_47.html	292 -----
pyme-web/doc/gpgme/gpgme_48.html	363 -----
pyme-web/doc/gpgme/gpgme_49.html	209 -----
pyme-web/doc/gpgme/gpgme_5.html	74 ---
pyme-web/doc/gpgme/gpgme_50.html	88 ---
pyme-web/doc/gpgme/gpgme_51.html	208 -----
pyme-web/doc/gpgme/gpgme_52.html	154 -----
pyme-web/doc/gpgme/gpgme_53.html	291 -----

```

pyme-web/doc/gpgme/gpgme_54.html      | 91 ---
pyme-web/doc/gpgme/gpgme_55.html      | 107 ----
pyme-web/doc/gpgme/gpgme_56.html      | 140 -----
pyme-web/doc/gpgme/gpgme_57.html      | 106 ----
pyme-web/doc/gpgme/gpgme_58.html      | 89 ---
pyme-web/doc/gpgme/gpgme_59.html      | 97 ---
pyme-web/doc/gpgme/gpgme_6.html       | 77 ---
pyme-web/doc/gpgme/gpgme_60.html      | 142 -----
pyme-web/doc/gpgme/gpgme_61.html      | 626 -----
pyme-web/doc/gpgme/gpgme_62.html      | 107 ----
pyme-web/doc/gpgme/gpgme_63.html      | 67 --
pyme-web/doc/gpgme/gpgme_64.html
    | 95 ---
pyme-web/doc/gpgme/gpgme_65.html      | 233 -----
pyme-web/doc/gpgme/gpgme_66.html      | 65 --
pyme-web/doc/gpgme/gpgme_67.html      | 220 -----
pyme-web/doc/gpgme/gpgme_68.html      | 75 ---
pyme-web/doc/gpgme/gpgme_69.html      | 119 ----
pyme-web/doc/gpgme/gpgme_7.html       | 123 ----
pyme-web/doc/gpgme/gpgme_70.html      | 107 ----
pyme-web/doc/gpgme/gpgme_71.html      | 218 -----
pyme-web/doc/gpgme/gpgme_72.html      | 134 ----
pyme-web/doc/gpgme/gpgme_73.html      | 299 -----
pyme-web/doc/gpgme/gpgme_74.html      | 103 ----
pyme-web/doc/gpgme/gpgme_75.html      | 104 ----
pyme-web/doc/gpgme/gpgme_76.html      | 118 ----
pyme-web/doc/gpgme/gpgme_77.html      | 95 ---
pyme-web/doc/gpgme/gpgme_78.html      | 71 ---
pyme-web/doc/gpgme/gpgme_79.html      | 686 -----
pyme-web/doc/gpgme/gpgme_8.html       | 155 ----
pyme-web/doc/gpgme/gpgme_80.html      | 120 ----
pyme-web/doc/gpgme/gpgme_81.html      | 278 -----
pyme-web/doc/gpgme/gpgme_82.html      | 272 -----
pyme-web/doc/gpgme/gpgme_83.html      | 180 -----
pyme-web/doc/gpgme/gpgme_84.html      | 99 ---
pyme-web/doc/gpgme/gpgme_9.html       | 104 ----
pyme-web/doc/gpgme/gpgme_abt.html      | 206 -----
pyme-web/doc/gpgme/gpgme_fot.html      | 53 --
pyme-web/doc/gpgme/gpgme_ovr.html      | 68 --
pyme-web/doc/gpgme/gpgme_toc.html      | 247 -----
pyme-web/doc/gpgme/index.html          | 497 ++++++++-----

```

176 files changed, 9054 insertions(+), 13378 deletions(-)

commit 163c1053dc761682f5a4231da163bdd0ff7162d7

Author: belyi <devnull@localhost>

Date:

Tue Apr 1 21:14:29 2008 +0000

Update Home page to be a bit more visitor friendly.

```
pyme-web/Makefile | 2 +-
pyme-web/default.css | 27 ++++++
pyme-web/index.html | 70 ++++++-----
3 files changed, 75 insertions(+), 24 deletions(-)
```

```
commit 05db2d17d8fda0ab8c948bbdc0643dfc1466830d
Author: belyi <devnull@localhost>
Date: Sun Mar 30 21:27:38 2008 +0000
```

Add a rule to build binary distribution for Windows.

```
pyme/Makefile | 16 ++++++
1 file changed, 14 insertions(+), 2 deletions(-)
```

```
commit 57acb1089f5f8c24323ee62fc0a7f492a496b9c0
Author: belyi <devnull@localhost>
Date: Sat Mar 29 22:50:11 2008 +0000
```

Switch to using central location for python files (pycentral)
Update docs rule to fix location of the python source files.

```
pyme/Makefile | 5 +++-
pyme/debian/changelog | 4 +-
pyme/debian/control | 74 +++++-----
pyme/debian/dirs
| 2 --
pyme/debian/docs | 1 +
pyme/debian/postinst.ex | 48 -----
pyme/debian/posrm.ex | 38 -----
pyme/debian/preinst.ex | 44 -----
pyme/debian/prerm.ex | 39 -----
pyme/debian/rules | 50 +++++-----
pyme/debian/setup.cfg-2.2 | 8 ----
pyme/debian/setup.cfg-2.3 | 8 ----
pyme/debian/setup.cfg-2.4 | 8 ----
pyme/gpgme-h-clean.py | 2 +-
pyme/pyme/core.py | 2 +-
pyme/pyme/util.py | 2 +-
16 files changed, 28 insertions(+), 307 deletions(-)
```

```
commit 2b56fd10517cfbcffaa4ba98d8ea42f40f0d38a9
Author: belyi <devnull@localhost>
Date: Sun Mar 23 02:01:12 2008 +0000
```

Turn SWIG's autodoc feature on. Ignore 'next' in the types which are lists now.
Use new style for class declarations. Specify None as a default value for

core.check_version() method. Update version.py for 0.8.0 version.

```
pyme/examples/pygpa.py | 2 +-
pyme/gpgme.i          | 5 +++++
pyme/pyme/core.py     | 2 +-
pyme/pyme/util.py     | 5 +++--
pyme/pyme/version.py  | 6 +++---
5 files changed, 13 insertions(+), 7 deletions(-)
```

commit df5e25d7ee4dc0aa0d429f9d009322dd8ac33bb8
Author: belyi <devnull@localhost>
Date: Thu Mar 20 19:07:00 2008 +0000

Improve matching for DEPRECATED typedefs

```
pyme/gpgme-h-clean.py | 4 +++-
1 file changed, 2 insertions(+), 2 deletions(-)
```

commit 78d8fc732848ac267ec65e9069265cd500587cdf
Author: belyi <devnull@localhost>
Date: Wed Mar 19 19:28:40 2008 +0000

Update API to use list when types containing 'next' field are return.
Update examples accordingly
Add verifydetails.py example
Start adding bullets for 0.8.0 version.

```
pyme/Makefile          | 2 +-
pyme/debian/changelog  | 14 +++++++-
pyme/examples/PyGtkGpgKeys.py | 53 ++++++++-----
pyme/examples/delkey.py | 7 +++-
pyme/examples/encrypt-to-all.py | 7 +++-
pyme/examples/exportimport.py | 7 +++-
pyme/examples/pygpa.py | 70 ++++++++-----
pyme/examples/signverify.py | 11 +++---
pyme/examples/verifydetails.py | 79 ++++++++
pyme/gpgme.i          | 19 ++++++++
10 files changed, 180 insertions(+), 89 deletions(-)
```

commit 342d85b07475e7360bcd62804bf5facda039494f
Author: belyi <devnull@localhost>
Date: Mon Mar 10 01:14:16 2008 +0000

Change references to source files so that they point to the WebCVS browse location.

```
pyme-web/doc/pyme/index.html | 2 +-

```

```
pyme-web/doc/pyme/pyme.callbacks.html      | 2 +-
pyme-web/doc/pyme/pyme.constants.data.encoding.html | 2 +-
pyme-web/doc/pyme/pyme.constants.data.html  | 2 +-
pyme-web/doc/pyme/pyme.constants.event.html | 2 +-
pyme-web/doc/pyme/pyme.constants.html      | 2 +-
pyme-web/doc/pyme/pyme.constants.import.html | 2 +-
pyme-web/doc/pyme/pyme.constants.keylist.html
| 2 +-
pyme-web/doc/pyme/pyme.constants.keylist.mode.html | 2 +-
pyme-web/doc/pyme/pyme.constants.md.html    | 2 +-
pyme-web/doc/pyme/pyme.constants.pk.html    | 2 +-
pyme-web/doc/pyme/pyme.constants.protocol.html | 2 +-
pyme-web/doc/pyme/pyme.constants.sig.html   | 2 +-
pyme-web/doc/pyme/pyme.constants.sig.mode.html | 2 +-
pyme-web/doc/pyme/pyme.constants.sigsum.html | 2 +-
pyme-web/doc/pyme/pyme.constants.status.html | 2 +-
pyme-web/doc/pyme/pyme.constants.validity.html | 2 +-
pyme-web/doc/pyme/pyme.core.html           | 2 +-
pyme-web/doc/pyme/pyme.errors.html         | 2 +-
pyme-web/doc/pyme/pyme.html               | 2 +-
pyme-web/doc/pyme/pyme.util.html          | 2 +-
pyme-web/doc/pyme/pyme.version.html       | 2 +-
22 files changed, 22 insertions(+), 22 deletions(-)
```

commit 4139dd1d066c1a6c892d84fe45dc3e6c4aa1b803

Author: belyi

<devnull@localhost>

Date: Sat Mar 8 18:21:08 2008 +0000

Add core.check_version(None) to all examples since this function is used by Gpgme to do internal initialization. Update debian/rules to use dh_pysupport instead of deprecated dh_python.

```
pyme/debian/rules      | 8 +++-----
pyme/examples/PyGtkGpgKeys.py | 7 ++++++-
pyme/examples/delkey.py  | 2 ++
pyme/examples/encrypt-to-all.py | 3 +++
pyme/examples/exportimport.py | 2 ++
pyme/examples/genkey.py  | 1 +
pyme/examples/inter-edit.py | 3 +++
pyme/examples/pygpa.py   | 5 +++++
pyme/examples/sign.py    | 2 ++
pyme/examples/signverify.py | 2 ++
pyme/examples/simple.py  | 2 ++
pyme/examples/t-edit.py  | 3 +++
12 files changed, 34 insertions(+), 6 deletions(-)
```

commit ae76c6176457dd38e0634cbc17d794294a3a81d2

Author: belyi <devnull@localhost>
Date: Wed Apr 12 22:20:38 2006 +0000

Change name of internal package name from 'gpgme' to 'pygpgme' to avoid conflict with gpgme.dll on Windows.
Fix build with SWIG 1.3.28.
Change version to 0.7.1 in a preparation for new release.

```
pyme/Makefile      | 3 +-  
pyme/debian/changelog | 12 +++++  
pyme/gpgme.i      | 19 +++---  
pyme/pyme/callbacks.py | 1 -  
pyme/pyme/core.py  | 153 ++++++-----  
pyme/pyme/errors.py | 12 ++--  
pyme/pyme/util.py  | 10 ++--  
pyme/pyme/version.py | 2 +-  
pyme/setup.py      | 4 +-  
9 files changed, 116 insertions(+), 100 deletions(-)
```

commit d644383a76e9f83bc2d426628319e3c4a989dc2d
Author: belyi <devnull@localhost>
Date: Sat Dec 17 01:34:53 2005 +0000

Put all constants into pyme.constants package to avoid stepping on python reserved words.
Add build rules for Mingw32 and Cygwin on Windows. Rules for Mingw under Debian are still to come.
Fixed a small bug in pygpa.py example.

```
pyme/Makefile      | 11 ++++++---  
pyme/examples/pygpa.py  
  | 3 ++-  
pyme/pyme/__init__.py | 2 +-  
pyme/pyme/constants/__init__.py | 3 +++  
pyme/setup.py      | 42 ++++++-----  
5 files changed, 51 insertions(+), 10 deletions(-)
```

commit 89eb370fcaa8adc9d219eadbaa579dde7bf06329
Author: belyi <devnull@localhost>
Date: Mon Aug 1 03:08:32 2005 +0000

Imported changes provided by Joost van Baal:
Use dh_python in debian/rules and change the Section pyme belongs to from 'libs' to 'python'.

```
pyme/debian/control | 6 +++---  
pyme/debian/rules  | 2 ++  
2 files changed, 5 insertions(+), 3 deletions(-)
```

commit ad76d10c2a77b45b7459c62131279e946b860891

Author: belyi <devnull@localhost>

Date: Fri Jun 10 03:01:22 2005 +0000

Update 'docs' rule in Makefile to build packages first to ensure that documentation is build for the current version of pyme and not for the installed one.

Added 'callbacks' into the list of visible pyme modules (__all__ var.)

Slightly updated INSTALL file.

```
pyme/INSTALL      | 11 ++++++----
pyme/Makefile     | 4 +++-
pyme/pyme/__init__.py | 2 +-
3 files changed, 11 insertions(+), 6 deletions(-)
```

commit 2fe1a81e00721698bfa6850b3db2eb85e43d1724

Author: belyi <devnull@localhost>

Date: Wed Jun 8 16:16:18 2005 +0000

Update pyme documentation to remove dead links to pyme.gpgme.html and pyme._gpgme.html

Added reference to the installed GPGME and PyMe documentation to the head web page.

Updated Makefile to install all *.html files and to clean *~ files in all subdirectories

```
pyme-web/Makefile      | 10 ++++++----
pyme-web/doc/pyme/index.html | 8 +++-----
pyme-web/doc/pyme/pyme.callbacks.html | 8 -----
pyme-web/doc/pyme/pyme.core.html | 1 -
pyme-web/doc/pyme/pyme.errors.html | 8 -----
pyme-web/doc/pyme/pyme.html | 8 +++-----
pyme-web/doc/pyme/pyme.util.html | 8 -----
pyme-web/index.html | 9 ++++++----
8 files
changed, 19 insertions(+), 41 deletions(-)
```

commit 6aa34cce4ea0099e50b4936dfce59778157b8ca8

Author: belyi <devnull@localhost>

Date: Wed Jun 8 15:18:20 2005 +0000

Added pyme and gpgme documentation.

```
pyme-web/doc/gpgme/gpgme.html | 251 ++++++++
```

pyme-web/doc/gpgme/gpgme_1.html	76 +++
pyme-web/doc/gpgme/gpgme_10.html	61 ++
pyme-web/doc/gpgme/gpgme_11.html	130 ++++
pyme-web/doc/gpgme/gpgme_12.html	82 +++
pyme-web/doc/gpgme/gpgme_13.html	130 ++++
pyme-web/doc/gpgme/gpgme_14.html	108 ++++
pyme-web/doc/gpgme/gpgme_15.html	69 +++
pyme-web/doc/gpgme/gpgme_16.html	169 ++++++
pyme-web/doc/gpgme/gpgme_17.html	63 ++
pyme-web/doc/gpgme/gpgme_18.html	63 ++
pyme-web/doc/gpgme/gpgme_19.html	66 ++
pyme-web/doc/gpgme/gpgme_2.html	79 +++
pyme-web/doc/gpgme/gpgme_20.html	120 ++++
pyme-web/doc/gpgme/gpgme_21.html	102 +++
pyme-web/doc/gpgme/gpgme_22.html	108 ++++
pyme-web/doc/gpgme/gpgme_23.html	237 +++++++
pyme-web/doc/gpgme/gpgme_24.html	154 ++++++
pyme-web/doc/gpgme/gpgme_25.html	248 +++++++
pyme-web/doc/gpgme/gpgme_26.html	107 ++++
pyme-web/doc/gpgme/gpgme_27.html	80 +++
pyme-web/doc/gpgme/gpgme_28.html	67 ++
pyme-web/doc/gpgme/gpgme_29.html	164 ++++++
pyme-web/doc/gpgme/gpgme_3.html	86 +++
pyme-web/doc/gpgme/gpgme_30.html	106 ++++
pyme-web/doc/gpgme/gpgme_31.html	232 +++++++
pyme-web/doc/gpgme/gpgme_32.html	85 +++
pyme-web/doc/gpgme/gpgme_33.html	223 +++++++
pyme-web/doc/gpgme/gpgme_34.html	83 +++
pyme-web/doc/gpgme/gpgme_35.html	70 +++
pyme-web/doc/gpgme/gpgme_36.html	63 ++
pyme-web/doc/gpgme/gpgme_37.html	66 ++
pyme-web/doc/gpgme/gpgme_38.html	86 +++
pyme-web/doc/gpgme/gpgme_39.html	79 +++
pyme-web/doc/gpgme/gpgme_4.html	83 +++
pyme-web/doc/gpgme/gpgme_40.html	89 +++
pyme-web/doc/gpgme/gpgme_41.html	99 +++
pyme-web/doc/gpgme/gpgme_42.html	144 ++++++
pyme-web/doc/gpgme/gpgme_43.html	152 ++++++
pyme-web/doc/gpgme/gpgme_44.html	112 ++++
pyme-web/doc/gpgme/gpgme_45.html	101 +++
pyme-web/doc/gpgme/gpgme_46.html	459 ++++++
pyme-web/doc/gpgme/gpgme_47.html	292 +++++++
pyme-web/doc/gpgme/gpgme_48.html	363 +++++++
pyme-web/doc/gpgme/gpgme_49.html	209 +++++++
pyme-web/doc/gpgme/gpgme_5.html	74 +++

pyme-web/doc/gpgme/gpgme_50.html	88 +++
pyme-web/doc/gpgme/gpgme_51.html	208 +++++++
pyme-web/doc/gpgme/gpgme_52.html	154 +++++
pyme-web/doc/gpgme/gpgme_53.html	291 +++++++
pyme-web/doc/gpgme/gpgme_54.html	91 +++
pyme-web/doc/gpgme/gpgme_55.html	107 +++++
pyme-web/doc/gpgme/gpgme_56.html	140 +++++
pyme-web/doc/gpgme/gpgme_57.html	106 +++++
pyme-web/doc/gpgme/gpgme_58.html	89 +++
pyme-web/doc/gpgme/gpgme_59.html	97 +++
pyme-web/doc/gpgme/gpgme_6.html	77 +++
pyme-web/doc/gpgme/gpgme_60.html	142 +++++
pyme-web/doc/gpgme/gpgme_61.html	626 ++++++
pyme-web/doc/gpgme/gpgme_62.html	107 +++++
pyme-web/doc/gpgme/gpgme_63.html	67 ++
pyme-web/doc/gpgme/gpgme_64.html	95 +++
pyme-web/doc/gpgme/gpgme_65.html	233 +++++
pyme-web/doc/gpgme/gpgme_66.html	65 ++
pyme-web/doc/gpgme/gpgme_67.html	220 +++++
pyme-web/doc/gpgme/gpgme_68.html	75 +++
pyme-web/doc/gpgme/gpgme_69.html	119 +++++
pyme-web/doc/gpgme/gpgme_7.html	123 +++++
pyme-web/doc/gpgme/gpgme_70.html	107 +++++
pyme-web/doc/gpgme/gpgme_71.html	218 +++++
pyme-web/doc/gpgme/gpgme_72.html	134 +++++
pyme-web/doc/gpgme/gpgme_73.html	299 +++++
pyme-web/doc/gpgme/gpgme_74.html	103 +++++
pyme-web/doc/gpgme/gpgme_75.html	104 +++++
pyme-web/doc/gpgme/gpgme_76.html	118 +++++
pyme-web/doc/gpgme/gpgme_77.html	95 +++
pyme-web/doc/gpgme/gpgme_78.html	71 +++
pyme-web/doc/gpgme/gpgme_79.html	686 ++++++
pyme-web/doc/gpgme/gpgme_8.html	155 +++++
pyme-web/doc/gpgme/gpgme_80.html	120 +++++
pyme-web/doc/gpgme/gpgme_81.html	278 +++++
pyme-web/doc/gpgme/gpgme_82.html	272 +++++
pyme-web/doc/gpgme/gpgme_83.html	180 +++++
pyme-web/doc/gpgme/gpgme_84.html	99 +++
pyme-web/doc/gpgme/gpgme_9.html	104 +++++
pyme-web/doc/gpgme/gpgme_abt.html	206 +++++
pyme-web/doc/gpgme/gpgme_fot.html	53 ++
pyme-web/doc/gpgme/gpgme_ovr.html	68 ++
pyme-web/doc/gpgme/gpgme_toc.html	247 +++++
pyme-web/doc/gpgme/index.html	251 +++++
pyme-web/doc/pyme/index.html	

```
| 166 +++++
pyme-web/doc/pyme/pyme.callbacks.html      | 50 ++
.../doc/pyme/pyme.constants.data.encoding.html | 48 ++
pyme-web/doc/pyme/pyme.constants.data.html  | 29 +
pyme-web/doc/pyme/pyme.constants.event.html | 48 ++
pyme-web/doc/pyme/pyme.constants.html      | 39 ++
pyme-web/doc/pyme/pyme.constants.import.html | 49 ++
pyme-web/doc/pyme/pyme.constants.keylist.html | 29 +
pyme-web/doc/pyme/pyme.constants.keylist.mode.html | 48 ++
pyme-web/doc/pyme/pyme.constants.md.html   | 58 ++
pyme-web/doc/pyme/pyme.constants.pk.html   | 50 ++
pyme-web/doc/pyme/pyme.constants.protocol.html | 46 ++
pyme-web/doc/pyme/pyme.constants.sig.html   | 29 +
pyme-web/doc/pyme/pyme.constants.sig.mode.html | 47 ++
pyme-web/doc/pyme/pyme.constants.sigsum.html | 55 ++
pyme-web/doc/pyme/pyme.constants.status.html | 117 +++++
pyme-web/doc/pyme/pyme.constants.validity.html | 50 ++
pyme-web/doc/pyme/pyme.core.html
      | 254 ++++++++
pyme-web/doc/pyme/pyme.errors.html         | 90 +++
pyme-web/doc/pyme/pyme.html                | 166 ++++++
pyme-web/doc/pyme/pyme.util.html           | 78 +++
pyme-web/doc/pyme/pyme.version.html        | 37 ++
pyme-web/index.html                       | 6 +-
113 files changed, 14966 insertions(+), 1 deletion(-)
```

commit 2d6fe54479f042644f7b0f3d2fe35877d2056144

Author: belyi <devnull@localhost>

Date: Thu May 19 02:06:09 2005 +0000

Added INSTALL file.

```
pyme/INSTALL | 10 ++++++++
```

1 file changed, 10 insertions(+)

commit d6892fff0c3cedf41dba4c25ab8608e7f2bc039c

Author: belyi <devnull@localhost>

Date: Tue May 17 16:49:28 2005 +0000

Update copyright note on simple.py

```
pyme/examples/simple.py | 4 ++--
```

1 file changed, 2 insertions(+), 2 deletions(-)

commit c2cd9cdf5995843aad7b200b929db2969effc9d2

Author: belyi <devnull@localhost>

Date: Tue May 17 15:03:58 2005

+0000

Update simple.py to catch errors.

pyme/examples/simple.py | 17 ++++++-----
1 file changed, 11 insertions(+), 6 deletions(-)

commit eaedae7c6a0ea993caab067efe781a59b6769c44
Author: belyi <devnull@localhost>
Date: Tue May 17 01:18:23 2005 +0000

Added 'PYTHON = python' into Makefile for bug #1199122

pyme/Makefile | 1 +
pyme/examples/signverify.py | 1 +
2 files changed, 2 insertions(+)

commit 56fd244bb2636a4d58629899ea3cde1d96428198
Author: belyi <devnull@localhost>
Date: Wed Apr 27 21:37:06 2005 +0000

Added pygpa example.

pyme/debian/changelog | 3 +-
pyme/examples/pygpa.glade | 5546 ++++++
pyme/examples/pygpa.py | 1459 ++++++
3 files changed, 7007 insertions(+), 1 deletion(-)

commit 2d9a2a91a59ac3fee5410c953b7e0859e9e7cd35
Author: belyi <devnull@localhost>
Date: Thu Apr 21 15:17:51 2005 +0000

Change version to 0.7.0 due to the change in license.

pyme/debian/changelog
| 2 +-
pyme/pyme/version.py | 2 +-
2 files changed, 2 insertions(+), 2 deletions(-)

commit 94e34e38d742f145385bd235825b6ba1e30d8339
Author: belyi <devnull@localhost>
Date: Thu Apr 21 03:53:12 2005 +0000

Changed license on PyMe from GPL to LGPL.
PyMe examples keep GPL license.

pyme/COPYING.LESSER | 510 ++++++
pyme/Makefile | 20 +-
2 files changed, 530 insertions(+), 1 deletion(-)

```

pyme/debian/changelog      | 4 +-
pyme/debian/copyright     | 22 +-
pyme/gpgme-h-clean.py    | 16 ++
pyme/gpgme.i              | 20 +-
pyme/helpers.c            | 20 +-
pyme/helpers.h            | 20 +-
pyme/pyme/__init__.py     | 20 +-
pyme/pyme/callbacks.py    | 20 +-
pyme/pyme/constants/data/encoding.py | 20 +-
pyme/pyme/constants/event.py | 20 +-
pyme/pyme/constants/import.py | 20 +-
pyme/pyme/constants/keylist/mode.py | 20 +-
pyme/pyme/constants/md.py
    | 20 +-
pyme/pyme/constants/pk.py | 20 +-
pyme/pyme/constants/protocol.py | 20 +-
pyme/pyme/constants/sig/mode.py | 20 +-
pyme/pyme/constants/sigsum.py | 20 +-
pyme/pyme/constants/status.py | 20 +-
pyme/pyme/constants/validity.py | 20 +-
pyme/pyme/core.py         | 20 +-
pyme/pyme/errors.py       | 20 +-
pyme/pyme/util.py         | 20 +-
pyme/pyme/version.py      | 22 +-
pyme/setup.py             | 20 +-
26 files changed, 761 insertions(+), 233 deletions(-)

```

commit 0d8aa0f6335cb1506a37085095ed45173b099a02

Author: belyi <devnull@localhost>

Date: Tue Apr 19 01:46:06 2005 +0000

Added `__hash__` and `__eq__` methods to `GpgmeWrapper` to allow both `Context()` and `Data()` to be used as a dictionary key.

Changed `core.wait()` function to always return a tuple. On timeout now it returns `(0, None)` instead of just `None`. Plus, return context is

now a

`Context()` object instead of a wrapper return by underlying `gpgme`.

```

pyme/helpers.c | 1 -
pyme/pyme/core.py | 25 ++++++-----
pyme/pyme/util.py | 9 ++++++
3 files changed, 24 insertions(+), 11 deletions(-)

```

commit 63ff6d10637be1dcbcd78c939ac1ef1ac30b1024

Author: belyi <devnull@localhost>

Date: Wed Apr 6 04:58:40 2005 +0000

Made hook parameter optional in `passphrase_cb` and `progress_cb`.

Allowed None for callbacks to unset ones set previously.
Removed cleanup of exception in callbacks - now just retrieve the error code.
Added prev_bad parameter in passphrase_cb since it can be used in
change password protocols.
Updated examples to follow new sets of arguments in callbacks
Updated op_edit to check if passed key is None (otherwise gpgme dumps core)
God rid of annoying warning "function declaration isn't a prototype" in
helpers.c and helpers.h by changing from () to (void) list of arguments.

```
pyme/debian/changelog | 10 +++++---
pyme/examples/signverify.py | 2 +-
pyme/examples/t-edit.py | 2 +-
pyme/gpgme.i | 18 ++++++-----
pyme/helpers.c | 60 ++++++-----
pyme/helpers.h | 4 +-
pyme/pyme/callbacks.py | 6 +++-
pyme/pyme/core.py | 47 ++++++-----
pyme/pyme/errors.py | 2 +-
9 files changed, 96 insertions(+), 55 deletions(-)
```

commit 8f0ab8138c7aa190936376ccbbf33bb09c64d6f1

Author: belyi <devnull@localhost>

Date: Thu Mar 31 23:50:59 2005 +0000

Added exception handling in passphrase_cb and edit_cb. If GPGMEEError
exception is thrown in those callbacks it will be converted into its
core representation and return as an error code to the caller.
On all other exceptions error code will be GPG_ERR_GENERAL.

```
pyme/Makefile | 1 +
pyme/debian/changelog | 8 ++++++
pyme/gpgme.i | 20 ++++++-----
pyme/helpers.c | 51
+++++-----
pyme/helpers.h | 3 +++
5 files changed, 71 insertions(+), 12 deletions(-)
```

commit 9903d1fb11231e7e3d920e58d1ecb674c5988b07

Author: belyi <devnull@localhost>

Date: Thu Mar 31 05:12:15 2005 +0000

Remove workaround from Context.wait() method since the bug report and
patch fixing gpgme_wait's behavior is sent to GPMGE developers already.
Added errorcheck into op_edit() so that it can report an error.

```
pyme/pyme/core.py | 10 +++++-----
1 file changed, 5 insertions(+), 5 deletions(-)
```


commit 45e8a5f4e13d3ca797ec3b0037242874a6be5562

Author: belyi <devnull@localhost>

Date: Sat Mar 26 19:44:18 2005 +0000

Updated version number to 0.6.2 in version.py
Added examples/*.glade files into documentation package.

pyme/debian/examples | 1 +
pyme/pyme/version.py | 2 +-
2 files changed, 2 insertions(+), 1 deletion(-)

commit 270b87bb40e180cb6e8f1de9a0e8161525ffa4ab

Author: belyi <devnull@localhost>

Date: Sat Mar

26 19:31:14 2005 +0000

Updated debian/changelog regarding PyGtkGpgKeys example and a fix in errors.

pyme/debian/changelog | 5 ++++-
1 file changed, 4 insertions(+), 1 deletion(-)

commit ea4682009a506db91e5174ffd038fe7e4406b591

Author: belyi <devnull@localhost>

Date: Sat Mar 26 19:25:36 2005 +0000

Added handling of right mouse button click.
Changed reporting a string instead of a number on key generation failure.

pyme/examples/PyGtkGpgKeys.glade | 2 ++
pyme/examples/PyGtkGpgKeys.py | 30 ++++++-----
2 files changed, 29 insertions(+), 3 deletions(-)

commit f65ad1a703d0098a3204fb8527a54d253e5847e7

Author: belyi <devnull@localhost>

Date: Sat Mar 26 18:11:11 2005 +0000

Added another column indicating if a key has a secret part.
Automated generation of the View menu from the view field of the KeyColumn class.

pyme/examples/PyGtkGpgKeys.glade | 93 +-----
pyme/examples/PyGtkGpgKeys.py | 74
+++++-----
2 files changed, 44 insertions(+), 123 deletions(-)

commit b54e83a7a7a5785502f3c7e8b95f15e23b40e65a

Author: belyi <devnull@localhost>

Date: Sat Mar 26 16:45:13 2005 +0000

Small change to the way gtk.TreeModel object is used.

pyme/examples/PyGtkGpgKeys.py | 21 ++++++-----
1 file changed, 10 insertions(+), 11 deletions(-)

commit 7078db75cef4c1fd70cf03e37172bdb4f933fd1b

Author: belyi <devnull@localhost>

Date: Fri Mar 25 23:33:06 2005 +0000

Use more comprehensible error reporting since gpgme_strerror_r returns None all the time.

pyme/pyme/errors.py | 6 +++--
1 file changed, 3 insertions(+), 3 deletions(-)

commit 151213f4344d9984975721440af07de09e3df61c

Author: belyi <devnull@localhost>

Date: Fri Mar 25 04:30:17 2005 +0000

Improved PyGtkGpgKeys example to manage owner_trust on keys.
Added another example inter-edit.py which is just a helper to write scripts for Context.op_edit() command.

pyme/examples/PyGtkGpgKeys.glade
| 78 ++++++
pyme/examples/PyGtkGpgKeys.py | 68 ++++++-----
pyme/examples/inter-edit.py | 54 ++++++
pyme/examples/t-edit.py | 18 ++++++
4 files changed, 212 insertions(+), 6 deletions(-)

commit fc7235af217bcee5231ce7fbd7f234712d5ad3b0

Author: belyi <devnull@localhost>

Date: Fri Mar 25 00:30:39 2005 +0000

Updated PyGtkGpgKeys example to include import, export and reload functionality. Also added ability to remove number of keys simultaneously. Rearranged how KeyColumn is used to avoid unnecessary sorts and duplication of information in different parts of the code.

pyme/examples/PyGtkGpgKeys.glade | 86 ++++++--
pyme/examples/PyGtkGpgKeys.py | 332 ++++++-----
2 files changed, 325 insertions(+), 93 deletions(-)

commit 9f65749ccb1b7cab562e19c03f4371d5f7d94912

Author: belyi <devnull@localhost>

Date: Thu Mar 24 05:51:03

2005 +0000

Added example of PyGTK+ and PyMe integration.
For now it does only simple things - listing, deleting, and generating keys.

```
pyme/examples/PyGtkGpgKeys.glade | 1321 ++++++
pyme/examples/PyGtkGpgKeys.gladep | 8 +
pyme/examples/PyGtkGpgKeys.py | 424 ++++++
3 files changed, 1753 insertions(+)
```

commit 59e23f32c3b46413c9ec09e23e1a385a110fb103

Author: belyi <devnull@localhost>

Date: Thu Mar 24 05:44:58 2005 +0000

Added wait method Context class which handles asynchronous calls a little
bit better than the one generated by SWIG.

```
pyme/debian/changelog | 7 ++++++
pyme/gpgme.i | 1 +
pyme/pyme/core.py | 40 ++++++
3 files changed, 48 insertions(+)
```

commit 4c1b5259e4985df2cba0ae4fc09f12cd94603a75

Author: belyi <devnull@localhost>

Date: Tue Mar 22 18:29:31 2005 +0000

Added correct handling of Context.op_edit() method.
Added example/t-edit.py showing
usage for this method.
Output of this example should match output of the tests/gpg/t-edit
from the GPGME test suite.
Remove unused static function from helpers.c

```
pyme/examples/t-edit.py | 38 ++++++
pyme/gpgme.i | 36 ++++++
pyme/helpers.c | 36 -----
pyme/pyme/core.py | 5 ++++-
4 files changed, 78 insertions(+), 37 deletions(-)
```

commit dc587e215283bfef2dd594f86a7b2945f74f5155

Author: belyi <devnull@localhost>

Date: Sat Mar 19 01:43:59 2005 +0000

Update changelog to include note about deprecated function in 0.6.1 release

```
pyme/debian/changelog | 3 +-
pyme/examples/encrypt-to-all.py | 3 +-
2 files changed, 3 insertions(+), 3 deletions(-)
```

commit 86de4b3ad777f980ccf7ba3462c85bbe1787d1fd
Author: belyi <devnull@localhost>
Date: Sat Mar 19 01:40:07 2005 +0000

Remove deprecated functions from helpers.[ch]
Use gpgme-h-clean.py
to remove deprecated functions and typedefs from
the GPGME header file. This will reduce the number of unused methods.

pyme/Makefile | 4 +++
pyme/gpgme-h-clean.py | 26 +++++
pyme/helpers.c | 8 -----
pyme/helpers.h | 2 --
4 files changed, 28 insertions(+), 12 deletions(-)

commit 2483efcbd0d73c628c4d7717928a766c3b58f0aa
Author: belyi <devnull@localhost>
Date: Fri Mar 18 22:15:52 2005 +0000

Update copyright and author values in pyme/version.py
Create rules to build distribution files - one full and one without
debian bits.

pyme/Makefile | 28 +++++
pyme/pyme/version.py | 12 +++++
2 files changed, 28 insertions(+), 12 deletions(-)

commit 168593285380f5a7805f3dd08657d429a72d3621
Author: belyi <devnull@localhost>
Date: Fri Mar 18 19:09:33 2005 +0000

Added package building for python2.4

Updated copyright notes to include myself and avoid confusion who's the
maintainer.

In John's own words: "I'd prefer to just step out of the picture".

Jonh's copyright notice left intact.

pyme/Makefile | 6 +++
pyme/debian/changelog | 7 +++++
pyme/debian/control | 30 +++++
pyme/debian/copyright | 10 +++++
pyme/debian/rules | 4 +++
pyme/debian/setup.cfg-2.4 | 8 +++++
pyme/examples/genkey.py | 4 +++
pyme/gpgme.i | 4 +++
pyme/helpers.c | 4 +++

```

pyme/helpers.h          | 4 +++-
pyme/pyme/__init__.py   | 4 +++-
pyme/pyme/callbacks.py  | 4 +++-
pyme/pyme/constants/data/encoding.py | 4 +++-
pyme/pyme/constants/event.py | 4 +++-
pyme/pyme/constants/import.py | 4 +++-
pyme/pyme/constants/keylist/mode.py | 4 +++-
pyme/pyme/constants/md.py | 4 +++-
pyme/pyme/constants/pk.py
    | 4 +++-
pyme/pyme/constants/protocol.py | 4 +++-
pyme/pyme/constants/sig/mode.py | 4 +++-
pyme/pyme/constants/sigsum.py | 4 +++-
pyme/pyme/constants/status.py | 4 +++-
pyme/pyme/constants/validity.py | 4 +++-
pyme/pyme/core.py       | 4 +++-
pyme/pyme/errors.py     | 4 +++-
pyme/pyme/util.py       | 4 +++-
pyme/pyme/version.py    | 2 +-
pyme/setup.py          | 3 +-
28 files changed, 96 insertions(+), 54 deletions(-)

```

commit 6dbbb252771133724b2879ed6d767cd708196dae

Author: belyi <devnull@localhost>

Date: Fri Mar 18 18:04:35 2005 +0000

Remove the note about gpgme.i to be generated - it's been the primary source for some time.

```

pyme/gpgme.i | 6 -----
1 file changed, 6 deletions(-)

```

commit 9d449fa4889c6bda6d14583c0625b8d5c4ffe759

Author: belyi <devnull@localhost>

Date: Fri May 7 18:31:22 2004 +0000

Added my copyright in genkey.py since there's enough changes made.

Updated signverify to use only keys generated by genkey.py, to check that keys added to singers are able to sign and to check that the list of signers is not empty. The last check is necessary to prevent signing with the key of the user running signverify.py script.
 Added delkey.py script to delete keys generated by genkey.py
 Added exportimport.py example for key export/import.

```

pyme/examples/delkey.py | 29 ++++++
pyme/examples/exportimport.py | 76 ++++++
pyme/examples/genkey.py | 6 +++-

```

pyme/examples/signverify.py | 18 ++++++----
4 files changed, 119 insertions(+), 10 deletions(-)

commit df98c8d28245ad2c14b0ab50fc8f8932853bec8b
Author: belyi <devnull@localhost>
Date: Tue May 4 17:34:15 2004 +0000

Added examples/signverify.py for unattended sing/verify.
Updated examples/genkey.py to work correctly.
Updated gpgme.i to allow None as a value for gpgme_data_t

pyme/examples/genkey.py | 14 ++-----
pyme/examples/signverify.py | 72 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
pyme/gpgme.i | 21 ++++++-----
3 files changed, 87 insertions(+), 20 deletions(-)

commit ba45931abf530ab89ead46d7233ff1b62b629a18
Author: belyi <devnull@localhost>
Date: Thu Apr 8 16:15:09 2004 +0000

Ensure that we support only python2.2 and up. :-)
Use generators in core.Context class which makes pyme.aux obsolete
Remove importing future nested_scopes since they are standard starting
with python2.2

pyme/pyme/__init__.py | 5 +----
pyme/pyme/aux.py | 56 -----
pyme/pyme/core.py | 15 ++++++-----
pyme/pyme/errors.py | 1 -
pyme/pyme/util.py | 2 +-
5 files changed, 15 insertions(+), 64 deletions(-)

commit 4e9be5a55ecffa4da7ad5c192cc892eddaaa9586
Author: belyi <devnull@localhost>
Date: Sun Mar 21 03:53:30 2004 +0000

Small change to index.html
Added clean: rule to the Makefile

pyme-web/Makefile | 3 +++
pyme-web/index.html | 6 +---
2 files changed, 6 insertions(+), 3 deletions(-)

commit 2efb95176f4edf56ed61c9ac0c3aa09c56534df0
Author: belyi <devnull@localhost>
Date: Sun Mar 21 03:00:32 2004 +0000

Added Makefile rules for pyme module installation.

pyme/Makefile | 5 ++++
1 file changed, 4 insertions(+), 1 deletion(-)

commit 2b83d5d8b513029cc3e54f2fa502ccc85618104b

Author: belyi <devnull@localhost>

Date: Sun Mar 21 02:29:54 2004 +0000

Decorative change.

pyme/pyme/aux.py | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)

commit e3478015d763a036c1d806ae01433fce59712204

Author: belyi <devnull@localhost>

Date: Sun Mar 21 02:25:55 2004 +0000

Added RCS Id: tags

pyme/Makefile | 1 +
pyme/examples/encrypt-to-all.py | 3 +-
pyme/examples/genkey.py | 3 +-
pyme/examples/sign.py | 3 +-
pyme/examples/simple.py
| 3 +-
pyme/gpgme.i | 1 +
pyme/helpers.c | 1 +
pyme/helpers.h | 1 +
pyme/pyme/__init__.py | 1 +
pyme/pyme/aux.py | 1 +
pyme/pyme/callbacks.py | 1 +
pyme/pyme/constants/__init__.py | 2 ++
pyme/pyme/constants/data/__init__.py | 2 ++
pyme/pyme/constants/data/encoding.py | 1 +
pyme/pyme/constants/event.py | 1 +
pyme/pyme/constants/import.py | 1 +
pyme/pyme/constants/keylist/__init__.py | 2 ++
pyme/pyme/constants/keylist/mode.py | 1 +
pyme/pyme/constants/md.py | 1 +
pyme/pyme/constants/pk.py | 1 +
pyme/pyme/constants/protocol.py | 1 +
pyme/pyme/constants/sig/__init__.py | 2 ++
pyme/pyme/constants/sig/mode.py | 1 +
pyme/pyme/constants/sigsum.py | 1 +
pyme/pyme/constants/status.py | 1 +
pyme/pyme/constants/validity.py | 1
+
pyme/pyme/core.py | 1 +

pyme/pyme/errors.py | 1 +
pyme/pyme/util.py | 1 +
pyme/pyme/version.py | 2 ++
30 files changed, 39 insertions(+), 4 deletions(-)

commit b3b3712645332c5bc3e8d9d557aab21d48ff0f86

Author: belyi <devnull@localhost>

Date: Sun Mar 21 02:07:36 2004 +0000

Added Id: RCS tags to all files.

pyme-web/Makefile | 2 ++
pyme-web/index.html | 3 ++-
2 files changed, 4 insertions(+), 1 deletion(-)

commit 6aea2426beaaa8c43e6f2310a37a2737c0c3a1b5

Author: belyi <devnull@localhost>

Date: Sun Mar 21 01:50:55 2004 +0000

Update example on the init pyme.html page to match simple.py example.
Fix core.py to use getcode() instead of getvalue() method of the exception.

pyme/pyme/__init__.py | 22 ++++++-----
pyme/pyme/core.py | 4 +++-
2 files changed, 16 insertions(+), 10 deletions(-)

commit dee337455ffd624d3f83e1c159c4bb2cefc692c9

Author: belyi <devnull@localhost>

Date:

Sat Mar 20 20:32:29 2004 +0000

Added Makefile to simplify publishing web files.

pyme-web/Makefile | 7 ++++++
1 file changed, 7 insertions(+)

commit af7129baa8260697d85c2ddb434562e8a80b62d8

Author: belyi <devnull@localhost>

Date: Sat Mar 20 20:15:53 2004 +0000

Added minimum of formatting and SF icon.

pyme-web/index.html | 18 ++++++-----
1 file changed, 11 insertions(+), 7 deletions(-)

commit 2e64dcfb99cee796b51667b04d8961e390edde87

Author: belyi <devnull@localhost>

Date: Sat Mar 20 18:30:09 2004 +0000

Initial revision

pyme-web/index.html | 33 ++++++
1 file changed, 33 insertions(+)

commit 1c51644b3d0b6611422d971758e35f303d2ad5df

Author: belyi <devnull@localhost>

Date: Sat Mar 20 05:10:46 2004 +0000

Update examples and package information on the initial pyme doc page.

pyme/pyme/__init__.py | 27 ++++++-----
1 file changed, 12 insertions(+), 15 deletions(-)

commit b2d31b0bfbffdf5247d6db4e3c95140cc1b1f19

Author:

belyi <devnull@localhost>

Date: Sat Mar 20 04:47:42 2004 +0000

Deleted unnecessary files.

Updated debian/control to remove dependency on python-xml package since there's none now.

Move example files from 'doc' into separate control file.

Update debian/rules to build documentation from *.py files and to exclude CVS directories from the installation.

pyme/Makefile | 26 ++-----
pyme/debian/control | 8 +--
pyme/debian/docs | 1 -
pyme/debian/ex.package.doc-base | 22 -----
pyme/debian/examples | 1 +
pyme/debian/manpage.1.ex | 60 -----
pyme/debian/manpage.sgml.ex | 152 -----
pyme/debian/rules | 12 +++-
8 files changed, 15 insertions(+), 267 deletions(-)

commit 1b517dd9b82a433499b4696b06d94d756cd36e53

Author: belyi <devnull@localhost>

Date: Sat Mar 20 02:59:15 2004 +0000

Remove doc/gpgme

directory containing GPGME documentation since this belongs to a different project. Need to add reference in our documentation.

pyme/doc/gpgme/fdl.texi | 402 -----
pyme/doc/gpgme/gpgme.texi | 3372 -----
pyme/doc/gpgme/gpl.texi | 397 -----

pyme/doc/gpgme/version.texi | 4 -
4 files changed, 4175 deletions(-)

commit 95d7d171da115a0fedfe2a4a7e5acc8aa408f673

Author: belyi <devnull@localhost>

Date: Sat Mar 20 02:45:03 2004 +0000

Change debian/rules to generate files by swig during build and to cleanup those files on 'clean' rule.

Plus, leave generated gpgme_wrap.c in the root directory instead of moving it into subdirectory 'generated'.

pyme/Makefile | 8 +++-----
pyme/debian/rules | 3 +-
pyme/setup.py | 2 +-
3 files changed, 6 insertions(+), 7 deletions(-)

commit 545b3d90d445c5c78e8d72b2c1780863e02c789a

Author: belyi <devnull@localhost>

Date: Sat Mar 20 02:18:01 2004 +0000

Initial revision

pyme/COPYING | 340 +++++
pyme/ChangeLog | 802 ++++++++
pyme/Makefile | 79 +
pyme/debian/README.Debian | 6 +
pyme/debian/changelog | 19 +
pyme/debian/control | 68 +
pyme/debian/copyright | 27 +
pyme/debian/dirs | 2 +
pyme/debian/docs | 2 +
pyme/debian/ex.package.doc-base | 22 +
pyme/debian/manpage.1.ex | 60 +
pyme/debian/manpage.sgml.ex | 152 ++
pyme/debian/postinst.ex | 48 +
pyme/debian/postrm.ex | 38 +
pyme/debian/preinst.ex | 44 +
pyme/debian/prerm.ex | 39 +
pyme/debian/rules | 130 ++
pyme/debian/setup.cfg-2.2 | 8 +
pyme/debian/setup.cfg-2.3 | 8 +
pyme/doc/gpgme/fdl.texi
| 402 +++++
pyme/doc/gpgme/gpgme.texi | 3372 +++++
pyme/doc/gpgme/gpl.texi | 397 +++++
pyme/doc/gpgme/version.texi | 4 +
pyme/examples/encrypt-to-all.py | 63 +

```

pyme/examples/genkey.py      | 55 +
pyme/examples/sign.py       | 28 +
pyme/examples/simple.py     | 44 +
pyme/gpgme.i                | 191 ++
pyme/helpers.c              | 139 ++
pyme/helpers.h              | 29 +
pyme/pyme/__init__.py       | 134 ++
pyme/pyme/aux.py            | 55 +
pyme/pyme/callbacks.py      | 45 +
pyme/pyme/constants/__init__.py | 2 +
pyme/pyme/constants/data/__init__.py | 2 +
pyme/pyme/constants/data/encoding.py | 19 +
pyme/pyme/constants/event.py | 19 +
pyme/pyme/constants/import.py | 19 +
pyme/pyme/constants/keylist/__init__.py
| 2 +
pyme/pyme/constants/keylist/mode.py | 19 +
pyme/pyme/constants/md.py   | 19 +
pyme/pyme/constants/pk.py   | 19 +
pyme/pyme/constants/protocol.py | 19 +
pyme/pyme/constants/sig/__init__.py | 2 +
pyme/pyme/constants/sig/mode.py | 19 +
pyme/pyme/constants/sigsum.py | 19 +
pyme/pyme/constants/status.py | 19 +
pyme/pyme/constants/validity.py | 19 +
pyme/pyme/core.py           | 367 +++++
pyme/pyme/errors.py         | 46 +
pyme/pyme/util.py           | 61 +
pyme/pyme/version.py        | 39 +
pyme/setup.py               | 60 +
53 files changed, 7642 insertions(+)

```

commit a3d5a442dc713b6c4d6fc4134db5b47e379dc41d

Author: root <devnull@localhost>

Date: Fri Mar 19 14:12:30 2004 +0000

initial checkin

```

CVSROOT/checkoutlist | 13 ++++++
CVSROOT/commitinfo  | 15 ++++++
CVSROOT/config
| 21 ++++++
CVSROOT/cvswrappers | 19 ++++++
CVSROOT/editinfo    | 21 ++++++
CVSROOT/loginfo     | 26 ++++++
CVSROOT/modules     | 26 ++++++
CVSROOT/notify      | 12 ++++++
CVSROOT/rcsinfo     | 13 ++++++

```

CVSROOT/taginfo | 20 ++++++
CVSROOT/verifysmg | 21 ++++++
11 files changed, 207 insertions(+)
-----BEGIN PGP PUBLIC KEY BLOCK-----

```
mQENBFrsKEkBCADKw4Wt8J6M/88qD8PO6lSMCxH1cpwH8iK0uPaFFYsJkkXo7kWf
PTAtrV+REqF/o80dvYcdLvRsV21pvncZz/HXLU1yQ18mC3XObrKokbdgrTTKA5XE
BZkNsqyaMMJauT18H4hYkSg62/tTdO1cu/zWv/LFf7Xyn6+uA74ovXCJIO1s0N2c
PSht98QRzPMf2owgVk37JnDNp4gGVDGHxSZOuUwXgYAZYnA8SFc+c+3ZrQfY870
+O4j3Mz4p7yD13AwP4buQLBsb/icekeQCqRjLH9f7MdEcGXa1x36RcEkHdu+M
yJ392eMgD+dKNfRCtyTPhjZTxvbNELIBYICfABEBAAG0EHRlc3RAZXhhbXBsZS5v
cmeJAVQEEwEIAD4WIQTUFzW5Ejb9uIIEjFojAWNe7/DLBQUCWuwoSQIbAwUJA8Jn
AAULCQgHAgYVCgkICwIEFgIDAQIeAQIXgAAKCRAjAWNe7/DLBf9kB/wOQ/S60HGw
Fq07W9N01HWULyhHKOmmHL6rfZ64oDqLxolPSasz7WAMW1jN4qtWJ0mFzwo83V6
kaBe+wF6Kqir6udFSBW9rPcFg6/VZXPltT0a6uacIHq6DyQ5iMW4YQWbVy9OR2rN
GkYo1JCBR0XdRjYCSX3yB4TWv/eXnZ37/WjmiTOIZh35rjs+NuU/S5JPDfAp2/k7
0DevQeBsv+UjVXjWpNTZmPbvDnd995uSmC6UY4hzyP84ORYMYn9n1QAR0goxDN6U
unOf9Rlp1oMzdxMool/d1MICxg2h3jheuhv7lgUF4KpvHOuEPXQ7UO417E0TYcDZ
1J8Nsv87SZeEuQENBFrsKEkBCADjoEBhG/QPqZHg8VyoD1xYRAWGxyDJkX/GrSs6
yE+x2hk5FoQCajxKa/d4AVxOnJpdwhAfeXeSNaql5Ejgzax+Tdj9BV6vtGVJVv0p
O7bgAiZxkA6RHxtNqhpPnPQoXvUzkzpRgpuL+Nj4yIg7z1ITH6KQH4u5SI9vd+j/
8i9Taz67pdZwuJjac8qBuJHjzAo1bjYctFYUSG5pbmMQyNLySzgiNkFa4DajODlt
3RuqVGP316Fk+Sy2+60tC/HIX8jgMyMONfOGBQx6jk8tvAphS/LAqrrNepnagIyL
UGKU+L8cB2g1PGGp2biBFWqZbudZoyRBet/0yH/zirBdQJw1ABEBAAGJATwEGAEI
ACYWIQTUFzW5Ejb9uIIEjFojAWNe7/DLBQUCWuwoSQIbDAUJA8JnAAAKCRAjAWNe
7/DLBf0pCACPP5hBUUWngu2Hqvg+tNiujsiYzId3MffFxEk3CbXeHcJ5F32NDJ9
PYCnra4L8wSv+Nzt9gIa81FwoFSFQCjzH7KE86XcV3MhfdJTNb/+9CR7Jq3e/4Iy
0N5ip7PNYMCyakcAsxvsNCJKrSaDuYe/OAoTXRBtgRWE2uyT315em02Lkr+2Cc/Q
k6H+vlNOHGRgnpl/OZZjnUuUfBUvMGHr1phW+y7aeymC9PnUGdViRdJe23nntMSD
A+0/I7ESO9JsWvJbyBmuiZpu9JjScOjYH9xpQLqRNyw4WHpZriN69F0t9Mmd7bM1
+UyPgbPEr0iWMeyctYsuOLeUyQKMscDT
=QyY6
```

-----END

PGP PUBLIC KEY BLOCK-----

Using gpgme.js

At first, make sure that the environment you want to use gpgme.js in has access and permissions for nativeMessaging, and gpgme-json installed. For details, see the README.

The library itself is started via the { @link init } method. This will test the nativeMessaging connection, and then resolve into an Object offering the top level API:

- * [encrypt]{ @link GpgME#encrypt }
- * [decrypt]{ @link GpgME#decrypt }
- * [sign]{ @link GpgME#sign }
- * [verify]{ @link GpgME#verify }

```
* [Keyring]{ @link GPGME_Keyring}
```

```
...
```

```
gpgmejs.init()  
  .then(function(GPGME) {  
    // using GPGME  
  }, function(error){  
    // error handling;  
  })  
...
```

All methods that require communication with nativeMessaging are asynchronous, using Promises. Rejections will be instances of { @link GPGME_Error}.

An exception are Keys, which can be initialized in a 'sync' mode, allowing them to be cached and used synchronously until manually refreshed.

Keyring and Keys

The gnupg keys can be accessed via the [Keyring]{ @link GPGME_Keyring}.

The Keyring offers the methods for accessing information on all Keys known to gnupg.

****Due to security constraints, the javascript-binding currently only offers limited support for secret-Key interaction.****

The existence of secret Keys is not secret, and those secret Keys can be used for signing, but Operations that may expose, modify or delete secret Keys are not supported.

```
* [getKeysArmored]{ @link GPGME_Keyring#getKeysArmored }
```

```
* [getKeys]{ @link GPGME_Keyring#getKeys }
```

```
* [getDefaultKey]{ @link GPGME_Keyring#getDefaultKey }
```

```
* [generateKey]{ @link GPGME_Keyring#generateKey }
```

```
* [deleteKey]{ @link GPGME_Keyring#deleteKey }
```

```
\input texinfo @c -*- texinfo -*-
```

```
@c %**start of header
```

```
@setfilename what-is-new.info
```

```
@settitle What's New in the GPGME Python Bindings and Documentation
```

```
@documentencoding utf-8
```

```
@documentlanguage en
```

```
@c %**end of header
```

```
@finalout
```

```
@titlepage
```

```
@title What's New in the GPGME Python Bindings and Documentation
```

@author Ben McGinnes

@end titlepage

@contents

@ifnottex

@node Top

@top What's New in the GPGME Python Bindings and Documentation

@end ifnottex

@menu

* What's New::

@detailmenu

--- The Detailed Node Listing ---

What's New

* New in GPGME 1130::

@end detailmenu

@end menu

@node What's New

@chapter What's New

@multitable {aaaaaaaaaaaaaaaa} {aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa}

@item Version:

@tab 0.0.1

@item GPGME Version:

@tab 1.13.0

@item Author:

@tab Ben McGinnes <ben@gnupg.org>

@item Author GPG Key:

@tab DB4724E6FA4286C92B4E55C4321E4E2373590E5D

@item Language:

@tab Australian English, British English

@item xml:lang:

@tab en-AU, en-GB, en

@end multitable

Last time the most

obviously new thing was adding the @emph{What's New} section to the HOWTO. Now it's moving it out of the HOWTO.

@menu

* New in GPGME 1130::

@end menu

@node New in GPGME 1130
@section New in GPGME 1130

Additions since GPGME 1.12.0 include:

@itemize

@item

Moving the @emph{What's New} section out of the basic @uref{gpgme-python-howto.org, HOWTO} document and

into its own file so as to more readily include other documents

beyond that HOWTO.

@item

Moving the preceding, archival, segments into @uref{what-was-new.org, another file}.

@item

Added @samp{gpg.version.versionintlist} to make it easier for Python developers to check for a specific version number, even with beta versions (it will drop the "-betaN" part).

@item

Added expanded detail on issues pertaining to installing for Windows users.

@item

Bindings enter @uref{maintenance-mode, maintenance mode} from January, 2019.

@item

Added documentation on maintenance mode and what changes can be made to the code when in that status. Essentially

that boils down to bug

fixes only and no feature requests.

@item

The import-keys-hkp.py example script, which uses the @samp{hkp4py} module to search the SKS servers for a key, has been tightened up to search for both hexadecimal key IDs and user ID strings with reduced chance of unnecessary repetition. There may still be some repetition if a key includes a user ID matching the hexadecimal value of a key ID.

@end itemize

@bye

;;; gpgme-grovel.lisp

;;; This file is part of GPGME-CL.

;;;

;;; GPGME-CL 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.

;;;

;;; GPGME-CL 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
;;; Lesser General Public License for more details.
;;;
;;; You should have received a copy of the GNU General Public License
;;; along with GPGME; if not, write to the Free Software Foundation,
;;; Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.
```

```
(in-package :gpgme)
```

```
(include "errno.h" "sys/types.h")
```

```
(constant (+ebadf+ "EBADF"))
```

```
(ctype off-t "off_t")
```

```
(ctype size-t "size_t")
```

```
(ctype ssize-t "ssize_t")
```

```
(cvar ("errno" *errno*) :int)
```

```
(21:protected-private-key(3:elg(1:p129:W#} }l;;m>
```

```
;4YV$Qg
```

```
LoLy~*Tru*+ID8"-9,:17^g*({ #7)(1:g1:)(1:y128:2o62,Tj/
```

```
rRi3sSS iCAYNYbVtAHKi7(UPp)?Od{ 'R^f)(9:protected25:openpgp-s2k3-sha1-aes-
```

```
cbc((4:sha18:fw'E7:5242880)16:aqR)192:5f1a-`{^EV699WoB\,:Rs1*W6Lu iZ
```

```
:=ZqURM47;pA3#DL
```

```
so8O)Th^P@IP0&.DR;"rkN7)(12:protected-at15:20101008T070216)))
```

For a list of the authors of the source code of GPGME, please see the file AUTHORS. The following people supported GPGME development in various ways (for example by finding bugs or giving advice), and we want to thank them for their help. If we forgot you, please let us know.

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This is a template. The dist target uses it to create the real file.

Summary: GPGME - GnuPG Made Easy

Name: gpgme

Version: 1.13.1

Release: 1

URL: <https://gnupg.org/gpgme.html>

Source: <https://www.gnupg.org/ftp/gcrypt/gpgme/{name}-{version}.tar.gz>

Group: Development/Libraries

Copyright: GPL

BuildRoot: % {_tmppath}/% {name}-% {version}

BuildRequires: make

Prereq: /sbin/ldconfig /sbin/install-info

Requires: gnupg

%description

GnuPG Made Easy (GPGME) is a library designed to make access to GnuPG easier for applications. It provides a High-Level Crypto API for encryption, decryption, signing, signature verification and key management.

%prep

%setup -q

%build

CFLAGS="\$RPM_OPT_FLAGS"; export CFLAGS

./configure --prefix=/usr

make

%install

rm -fr \$RPM_BUILD_ROOT

mkdir -p \$RPM_BUILD_ROOT

make install prefix=\$RPM_BUILD_ROOT/usr infodir=\$RPM_BUILD_ROOT% {_infodir}

rm -f \$RPM_BUILD_ROOT% {_infodir}/dir

```

%clean
rm -fr $RPM_BUILD_ROOT
make distclean

%post
/sbin/ldconfig
/sbin/install-info % {_infodir}/gpgme.info.gz
% {_infodir}/dir
/sbin/install-info % {_infodir}/gpgme-python-howto.info.gz % {_infodir}/dir

%preun
if [ "$1" = 0 ]; then
/sbin/install-info --delete % {_infodir}/gpgme.info.gz % {_infodir}/dir
/sbin/install-info --delete % {_infodir}/gpgme-python-howto.info.gz % {_infodir}/dir
fi

%postun
/sbin/ldconfig

%files
%defattr(-,root,root)
%doc COPYING COPYING.LESSER AUTHORS README INSTALL NEWS ChangeLog TODO THANKS
%attr(0755,root,root) % {_bindir}/gpgme-config
%attr(0755,root,root) % {_libdir}/*gpgme.so*
%attr(0755,root,root) % {_libdir}/*gpgme.la
%attr(0644,root,root) % {_libdir}/*gpgme.a
% {_includedir}/gpgme.h
% {_datadir}/aclocal/gpgme.m4
% {_infodir}/gpgme.info*
% {_infodir}/gpgme-python-howto.info*

%changelog
* Sat Aug 30 2003 Robert Schiele <rschiele@uni-mannheim.de>
- % {_infodir}/dir is not packaged, remove to prevent checking failure
* Mon Jul 01 2002 Wojciech Polak <polak@lodz.pdi.net>
- initial specfile release for GPGME.

# EOF

```

1.727 json-c 0.13.1-3.el8

1.727.1 Available under license :

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1.728 mongodb-driver-core 4.0.5

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*/
```

Found in path(s):

```
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/authentication/SaslPrep.java
```

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```
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```

Found in path(s):

```
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/lang/Nullable.java
```

```
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/WriteConcernHelper.java
```

```
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/lang/NonNull.java
```

```
*
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/TransactionOptions.java
```

```
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
```

```
jar/com/mongodb/internal/async/client/AsyncClientSessionImpl.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/lang/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/ReadConcernAwareNoOpSessionContext.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/ReadConcernHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/ServerVersionHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/lang/NonNullApi.java
*
```

```
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/AsyncClientSession.java
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*
* Original Work: MIT License, Copyright (c) [2015-2018] all contributors
* https://github.com/marianobarrios/tls-channel
*/
```

Found in path(s):

```
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/NeedsWriteException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/BufferAllocator.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/TrackingAllocator.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/TlsChannelFlowControlException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferUtil.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
```

```
jar/com/mongodb/internal/connection/tlschannel/TlsChannelBuilder.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannelGroup.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/WouldBlockException.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/impl/ByteBufferSet.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/impl/BufferHolder.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/ExtendedAsynchronousByteChannel.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/ClientTlsChannel.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/util/TlsChannelCallbackException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/util/Util.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/async/AsynchronousTlsChannel.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/impl/TlsChannelImpl.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/NeedsTaskException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/NeedsReadException.java
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```
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
```

jar/com/mongodb/connection/netty/ReadTimeoutHandler.java

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Found in path(s):

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-

jar/com/mongodb/annotations/Beta.java

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* Expert Group and released to the public domain, as explained at

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*/

/**

* Returns an array containing all of the elements in this deque, in

- * proper sequence (from first to last element).
- *
 - * <p>The returned array will be "safe" in that no references to it are
 - * maintained by this deque. (In other words, this method must allocate
 - * a new array). The caller is thus free to modify the returned array.
- *
 - * <p>This method acts as bridge between array-based and collection-based
 - * APIs.
- *
 - * @return an array containing all of the elements in this deque
- */

Found in path(s):

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java
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 *
 * Original Work: MIT License, Copyright (c) [2015-2018] all contributors
 * https://github.com/marianobarrios/tls-channel
 */
/**
 * Writes a sequence of bytesProduced to this channel from a subsequence of the
 * given buffers.
 *
 * <p>
 * See { @link GatheringByteChannel#write(ByteBuffer[], int, int) } for
 more
 * details of the meaning of this signature.
 *
 * <p>
 * This method behaves slightly different than the interface specification,
 * with respect to non-blocking responses, see { @link #write(ByteBuffer) }

```



```

* for more details.
*
* @param srcs The buffers from which bytesProduced are to be retrieved
* @param offset The offset within the buffer array of the first buffer from
*       which bytesProduced are to be retrieved; must be non-negative and no
*       larger than <tt>srcs.length</tt>
* @param length The maximum number of buffers to be accessed; must be
*       non-negative and no larger than <tt>srcs.length</tt>
*       &nbsp;&nbsp;&nbsp;<tt>offset</tt>
* @return The number of bytesProduced written, contrary to the behavior specified
* in { @link ByteChannel}, this method never returns 0, but throws
* { @link WouldBlockException}
* @throws IndexOutOfBoundsException If
the preconditions on the <tt>offset</tt> and
*       <tt>length</tt> parameters do not hold
* @throws WouldBlockException     if the channel is in non-blocking mode and the IO operation
*       cannot be completed immediately
* @throws NeedsTaskException      if the channel is not configured to run tasks automatically
*       and a task needs to be executed to complete the operation
* @throws SSLException            if the { @link SSLEngine} throws a SSLException
* @throws IOException             if the underlying channel throws an IOException
*/
/**
* Reads a sequence of bytesProduced from this channel into a subsequence of the
* given buffers.
*
* <p>
* See { @link ScatteringByteChannel#read(ByteBuffer[], int, int)} for more
* details of the meaning of this signature.
*
* <p>
* This method behaves slightly different
than the interface specification,
* with respect to non-blocking responses, see { @link #read(ByteBuffer)} for
* more details.
*
* @param dsts The buffers into which bytesProduced are to be transferred
* @param offset The offset within the buffer array of the first buffer into
*       which bytesProduced are to be transferred; must be non-negative and no
*       larger than <tt>dsts.length</tt>
* @param length The maximum number of buffers to be accessed; must be
*       non-negative and no larger than <tt>dsts.length</tt>
*       &nbsp;&nbsp;&nbsp;<tt>offset</tt>
* @return The number of bytesProduced read, or <tt>-1</tt> if the channel has
* reached end-of-stream; contrary to the behavior specified in
* { @link ByteChannel}, this method never returns 0, but throws
* { @link WouldBlockException}
* @throws IndexOutOfBoundsException If the preconditions on the <tt>offset</tt> and

```

```
*          <tt>length</tt> parameters do not hold
* @throws WouldBlockException    if the channel is in non-blocking mode and the IO operation
*          cannot be completed immediately
* @throws NeedsTaskException     if the channel is not configured to run tasks automatically
*          and a task needs to be executed to complete the operation
* @throws SSLException           if the { @link SSLEngine } throws a SSLException
* @throws IOException            if the underlying channel throws an IOException
*/
```

Found in path(s):

```
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/tlschannel/TlsChannel.java
```

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```

Found in path(s):

```
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/annotations/NotThreadSafe.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/annotations/Immutable.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/annotations/ThreadSafe.java
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Found in path(s):

- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/gridfs/helpers/package-info.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ConnectionPoolListener.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/GetMoreProtocol.java
- *
- /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/gridfs/AsyncGridFSUploadStream.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/ReadOperation.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/validator/UpdateFieldNameValidator.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncListDatabasesIterableImpl.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/session/ClientSession.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/changestream/ChangeStreamDocument.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/TlsChannelStreamFactoryFactory.java
- *
- /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DefaultServerMonitorFactory.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/CollectionInfoRetriever.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DnsSrvRecordMonitorFactory.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/Cluster.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/BulkWriteOptions.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ElementExtendingBsonWriter.java
- *
- /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncAggregateIterable.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/selector/ServerSelector.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/diagnostics/logging/Loggers.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DeleteProtocol.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/CreateViewOptions.java
- * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-

jar/com/mongodb/internal/connection/ChangeEvent.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/client/model/gejson/Point.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/DefaultConnectionPool.java
 *
 /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/AsynchronousSocketChannelStream.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/ReadPreference.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/AbstractMultiServerCluster.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/validator/CollectibleDocumentFieldNameValidator.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/ChangeListener.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/client/model/Indexes.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/binding/ConnectionSource.java
 *
 /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/AbstractReferenceCounted.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/connection/netty/NettyBufferProvider.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/client/model/gejson/Polygon.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/GSSAPIAuthenticator.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/client/model/DeleteOptions.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/async/client/OperationExecutorImpl.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/client/model/FindOneAndDeleteOptions.java
 *
 /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/LevelCountingBsonWriter.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/MongoInterruptedException.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/BSONTimestampCodec.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/NoOpSessionContext.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/ClusterClockAdvancingSessionContext.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/dns/DefaultDnsResolver.java

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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/DropCollectionOperation.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/changestream/ChangeStreamDocumentCodec.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/AsyncAggregateResponseBatchCursor.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/BulkWriteBatch.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/result/DeleteResult.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/Server.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/management/ConnectionPoolStatisticsMBean.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/geojson/Position.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/selector/PrimaryServerSelector.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/AsyncChangeStreamIterable.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/MapReduceInlineResultsAsyncCursor.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/MapReduceAsyncBatchCursor.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/connection/ConnectionId.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/CommandResultBaseCallback.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/WriteProtocol.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/ClusterFactory.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/CreateCollectionOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/InsertOneOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/FindOneAndReplaceOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/connection/ClusterId.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/event/package-info.java
*

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/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/event/ServerOpeningEvent.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/event/ServerHeartbeatFailedEvent.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/async/client/ClientSessionHelper.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/ConnectionPool.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/client/model/geojson/codecs/GeometryCollectionCodec.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/client/model/changestream/package-info.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/binding/ClusterAwareReadWriteBinding.java
 *
 /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/bulk/package-info.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/MongoExecutionTimeoutException.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/async/client/AsyncDistinctIterable.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/operation/Operations.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/QueryMessage.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/MongoCursorNotFoundException.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/connection/ServerVersion.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/diagnostics/logging/SLF4JLogger.java
 *
 /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/client/result/UpdateResult.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/DeleteMessage.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/Time.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/connection/FieldTrackingBsonWriter.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/operation/FindAndReplaceOperation.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/internal/binding/ReadBinding.java
 * /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
 jar/com/mongodb/connection/SocketStreamFactory.java
 *

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/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/NoOpCommandEventSender.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/gridfs/GridFSIndexCheck.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/event/ServerListener.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/CommandResultDocumentCodec.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/gridfs/AsyncGridFSBuckets.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/DnsSrvRecordMonitor.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/BsonArrayWrapper.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/ServerAddressHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/TaggableReadPreference.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/CreateViewOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/binding/AsyncSingleServerBinding.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/InsertOneModel.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/gridfs/codecs/GridFSFileCodecProvider.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/Authenticator.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/Projections.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/connection/netty/NettyByteBuf.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/InternalConnectionInitializer.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/event/ClusterListenerMulticaster.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/IndexOptionDefaults.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoSocketReadException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-

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jar/com/mongodb/client/model/DeleteOneModel.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/CursorType.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/OpCode.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/management/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/selector/LatencyMinimizingServerSelector.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/AsyncAggregateIterableImpl.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoNodeIsRecoveringException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/AsyncMapReduceIterable.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/DBRefCodecProvider.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/AsyncListCollectionsIterableImpl.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/binding/AsyncClusterBinding.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoDriverInformation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/DistinctOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/event/ClusterListenerAdapter.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/UpdateOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/binding/SingleConnectionReadBinding.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoWriteException.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/CollationAlternate.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/geojson/MultiPoint.java

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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/gridfs/GridFSIndexCheckImpl.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/selector/CompositeServerSelector.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/binding/AsyncClusterAwareReadWriteBinding.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/WriteOperationThenCursorReadOperation.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/PlainAuthenticator.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/AsyncBatchCursor.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ResponseCallback.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/CommandProtocolImpl.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/bulk/BulkWriteResult.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/client/model/changestream/ChangeStreamLevel.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/CommandProtocol.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/SocketStream.java

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/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoServerException.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DefaultServerMonitor.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/codecs/PolygonCodec.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/Updates.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/gridfs/AsyncGridFSFindIterable.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DnsMultiServerCluster.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/ServerAddress.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/BufferProvider.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/vault/AsyncClientEncryptions.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/DBRef.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-

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jar/com/mongodb/event/ConnectionClosedEvent.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/gridfs/AsyncGridFSBucket.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/management/JMXMBeanServer.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/vault/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/InternalStreamConnection.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/connection/SocketSettings.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/ServerMonitor.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/ConnectionString.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/DBObjectFactory.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/Collation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/MultiServerCluster.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/ExponentiallyWeightedMovingAverage.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/IndexModel.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/geojson/codecs/GeometryEncoderHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoSocketException.java

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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/OperationReadConcernHelper.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/SyncOperations.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/AsynchronousSocketChannelStreamFactory.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/binding/AsyncReadBinding.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/AggregateOperationImpl.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/netty/NettyStreamFactoryFactory.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/LoggingCommandEventSender.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/capi/MongoCryptHelper.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/AsyncQueryBatchCursor.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/FindAndModifyHelper.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/WriteConcernResult.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/UpdateManyModel.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/diagnostics/logging/Logger.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/ConnectionDescription.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/KeyManagementService.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/IndexHelper.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/AsyncWritableByteChannel.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/IndexMap.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/DObject.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoIncompatibleDriverException.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/LegacyMessage.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/SimpleExpression.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-

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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/connection/AsyncCompletionHandler.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/BsonWriterHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoChangeStreamException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/connection/Stream.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/MongoCredentialWithCache.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoSocketReadTimeoutException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/geojson/NamedCoordinateReferenceSystem.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*

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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/binding/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/SplittablePayload.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/QueryHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/AggregateExplainOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/binding/AsyncConnectionSource.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoBulkWriteException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/ExplainVerbosity.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/NativeAuthenticator.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/session/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/BasicDBList.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoTimeoutException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/MergeOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/ClusterSettings.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/CommandMessage.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/codecs/MultiLineStringCodec.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/ChangeStreamOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ClusterableServer.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/SingleServerCluster.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ConnectionCheckOutFailedEvent.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ZlibCompressor.java
*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/CountOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/UnwindOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/EstimatedDocumentCountOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/authentication/NativeAuthenticationHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DefaultConnectionFactory.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/assertions/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoSocketClosedException.java
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*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncFindIterable.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/BucketOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/ClusterConnectionMode.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/CompositeByteBuf.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/IdHoldingBsonWriter.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ConnectionCheckedOutEvent.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/MongoWriteConcernWithResponseException.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ResponseBuffers.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/StreamFactoryFactory.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/WriteOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/bulk/DeleteRequest.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/ClusterDescription.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ServerDescriptionChangedEvent.java
*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/Compressor.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/ServerConnectionState.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncListIndexesIterable.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/binding/ReferenceCounted.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/gridfs/AsyncGridFSFindIterableImpl.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoClientException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/QueryProtocol.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/MixedBulkWriteOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/BatchCursor.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/FindAndUpdateOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/SaslAuthenticator.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/MapReduceStatistics.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/bulk/UpdateRequest.java
*
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/result/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/UpdateProtocol.java
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ConnectionReadyEvent.java
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/CoordinateReferenceSystemType.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/MapReduceAction.java
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jar/com/mongodb/DBRefCodec.java
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/DropIndexOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/BulkWriteBatchCombiner.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/result/InsertManyResult.java

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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/CommandResultCodecProvider.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/ServerType.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/DropIndexOptions.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncMongoIterable.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/DBObjectCodec.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ServerMonitorFactory.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/netty/NettyStream.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/MapReduceToCollectionOperation.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/gejson/codecs/package-info.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/CommandEventSender.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/binding/AbstractReferenceCounted.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ProtocolHelper.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ConnectionPoolCreatedEvent.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoCredential.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/bulk/WriteConcernError.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/HexUtils.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ServerHeartbeatSucceededEvent.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/BucketAutoOptions.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/ReadConcernLevel.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/CommitTransactionOperation.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/session/BaseClientSessionImpl.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ScramShaAuthenticator.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-

```

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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/ClientEncryptionSettings.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/FindOneAndUpdateOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/AsyncMapReduceIterableImpl.java

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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/ExplainHelper.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/codecs/GeoJsonCodecProvider.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/BaseQueryMessage.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/netty/package-info.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/InternalStreamConnectionInitializer.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ClusterListener.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/SocketStreamHelper.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/package-info.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/thread/DaemonThreadFactory.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/InsertProtocol.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DefaultAuthenticator.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/OperationExecutor.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/gridfs/AsyncGridFSDownloadStreamImpl.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/InsertManyOptions.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/WriteError.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ClusterDescriptionHelper.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/validator/NoOpFieldNameValidator.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/CommandSucceededEvent.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/CommandWriteOperation.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/management/NullMBeanServer.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/KillCursorProtocol.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ClusterOpeningEvent.java

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jar/com/mongodb/internal/async/client/AsyncMongoClientImpl.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/event/ServerListenerAdapter.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/MessageHeader.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/CompressedMessage.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/Connection.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/FindOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/event/ConnectionPoolListenerAdapter.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/ByteBufBsonDocument.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoConfigurationException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/AsyncMongoCollectionImpl.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/AsyncMongoClient.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/connection/netty/NettyStreamFactory.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/MapReduceInlineResultsCursor.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/gridfs/model/GridFSFile.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoNotPrimaryException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/GetMoreMessage.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/DefaultClusterFactory.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/AsynchronousChannelStream.java

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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/event/ConnectionPoolClosedEvent.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/geojson/codecs/NamedCoordinateReferenceSystemCodec.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoQueryException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/IndexOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/gridfs/codecs/GridFSFileCodec.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/management/ConnectionPoolStatistics.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/MapReduceHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/bulk/BulkWriteUpsert.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoGridFSException.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/Block.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/vault/DataKeyOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/DocumentHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/ClientSessionBinding.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/connection/ConnectionPoolSettings.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/geojson/LineString.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/DeleteManyModel.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/event/ClusterClosedEvent.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/event/CommandEvent.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/event/ServerListenerMulticaster.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/ReplaceOneModel.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/gridfs/AsyncGridFSDownloadStream.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/DefaultClusterableServerFactory.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-

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jar/com/mongodb/client/gridfs/codecs/package-info.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/Tag.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/AsyncDistinctIterableImpl.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/session/SessionContext.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/gejson/codecs/GeometryDecoderHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/Aggregates.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/management/JMXConnectionPoolListener.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/UsageTrackingInternalConnection.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/BucketGranularity.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/vault/EncryptOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/DefaultDnsSrvRecordMonitor.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/Sorts.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/binding/ReadWriteBinding.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/connection/AsynchronousSocketChannelStreamFactoryFactory.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/BsonField.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/FutureAsyncCompletionHandler.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/Crypts.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/Variable.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/DescriptionHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/BasicDBObject.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/binding/WriteBinding.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/CommandResultCallback.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/binding/AsyncWriteBinding.java
*

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/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncMongoClients.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/DocumentToDBRefTransformer.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/bulk/InsertRequest.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/validator/MappedFieldNameValidator.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/InsertOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/CompressedHeader.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/FindAndDeleteOperation.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/KeyRetriever.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/BsonWriterDecorator.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/changestream/FullDocument.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/AsyncWriteOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/MessageSettings.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DnsSrvRecordInitializer.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/MultiLineString.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/InsertMessage.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ConnectionPoolClearedEvent.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/AggregateToCollectionOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/CreateIndexOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/ValidationAction.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/ChangeStreamBatchCursorHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/BaseFindAndModifyOperation.java
*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/GeometryCollection.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/MappingAsyncBatchCursor.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/ServerCursor.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncCryptBinding.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/event/CommandListenerMulticaster.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/diagnostics/logging/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/binding/AsyncReadWriteBinding.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/ListCollectionsOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/ChangeStreamBatchCursor.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/TagSet.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/ValidationLevel.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ConnectionRemovedEvent.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoClientSettings.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ConcurrentPool.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/OrderBy.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/TransactionOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/bulk/BulkWriteError.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/DefaultServerConnection.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ClusterDescriptionChangedEvent.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/Function.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/codecs/MultiPolygonCodec.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/ListIndexesOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-

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jar/com/mongodb/client/gridfs/model/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/event/CommandListener.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/AsyncMongoDatabase.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/ErrorCode.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/AsyncMongoDatabaseImpl.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/gejson/codecs/PointCodec.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/X509Authenticator.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/connection/StreamFactory.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/Pool.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/ByteBufferBsonOutput.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/ReplyHeader.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/ReadConcern.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/DuplicateKeyException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/event/ConnectionAddedEvent.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/connection/SslSettings.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/binding/AsyncSingleConnectionReadBinding.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/event/ConnectionCheckedInEvent.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/AsyncOperations.java

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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/operation/RenameCollectionOperation.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ClientMetadataHelper.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/result/InsertOneResult.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/Field.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/connection/ClusterType.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/event/EventListenerHelper.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/codecs/GeometryCodec.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/event/ServerClosedEvent.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ProtocolExecutor.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/AuthenticationMechanism.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/TextSearchOptions.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/bulk/WriteRequest.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/ConnectionFactory.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/UpdateMessage.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/DBObjectCodecProvider.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/AsyncChangeStreamIterableImpl.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/MongoSecurityException.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/async/client/vault/AsyncClientEncryption.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/selector/ServerAddressSelector.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/changestream/OperationTypeCodec.java

*

/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/internal/connection/RequestMessage.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-jar/com/mongodb/client/model/geojson/PolygonCoordinates.java

* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-

```

jar/com/mongodb/internal/async/client/AsyncFindIterableImpl.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/CommandReadOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/gridfs/AsyncGridFSBucketImpl.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/changestream/OperationType.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/QueryResult.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoInternalException.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/UpdateOneModel.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/event/CommandStartedEvent.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/client/model/AggregationLevel.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
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* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/KillCursorsMessage.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoNamespace.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/session/ClientSessionContext.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/AggregateOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/CommandHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/vault/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/AutoEncryptionSettings.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/dns/DnsResolver.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/RenameCollectionOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoWriteConcernException.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/OperationHelper.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/async/client/AsyncListDatabasesIterable.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/connection/ServerId.java

```

```
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/SplittablePayloadBsonWriter.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/model/Filters.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/DropDatabaseOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/event/ServerMonitorListenerAdapter.java
*
/opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/selector/package-info.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/client/gridfs/model/GridFSDownloadOptions.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/connection/ServerSettings.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/operation/DeleteOperation.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/internal/connection/ClusterableServerFactory.java
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/MongoSocketOpenException.java
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```

Found in path(s):

```
* /opt/cola/permits/1322233803_1651784959.94/0/mongodb-driver-core-4-0-5-sources-2-
jar/com/mongodb/assertions/Assertions.java
```

1.729 x-crypto 0.0.0-20220411220226-7b82a4e95df4

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1.731 glibc 2.31-0ubuntu9.9

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```

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Ty Coon, President of Vice
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1.740 cast 1.5.0

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1.741 mitchellh-mapstructure 1.5.0

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1.742 e2fsprogs 1.45.5-2ubuntu1.1

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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)
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```


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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Fri Dec 14 22:24:35 EST 2007

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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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Gadi Oxman, August 1995

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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

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Theodore Ts'o
23-June-2007

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Version 2, June 1991

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- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

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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 Program.

In addition, mere aggregation of another work not based on the Program with

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3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) 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; or,

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.

If distribution of executable or 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 counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

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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) <year> <name  
of author>
```

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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) year 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
```

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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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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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.

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"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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- 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.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then

relink to produce a modified

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.

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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:

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1.744 libcom-err 1.45.5-2ubuntu1.1

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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:

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1.745 logsave 1.45.5-2ubuntu1.1

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1.750 apt 2.0.9

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1.751 libc-utils 0.7.2-r3

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Written by: Philip Hazel
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A. HISTORY OF THE SOFTWARE

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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

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Release	Derived from	Year	Owner	GPL-compatible? (1)
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

2.2 and above 2.1.1 2001-now
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```

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when it starts in an interactive mode:

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1.759 audit 3.0.7-4.el8

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Version 2.1, February 1999

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1.760 python-certifi 2019.03.09

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This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

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1.762 psl 1.9.0

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1.763 go-restful 3.8.0

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1.764 ignite-core 2.13.0

1.764.1 Available under license :

```
// -----  
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// -----
```

```
=====
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For JSR107 API and SPI (<https://github.com/jsr107/jsr107spec>) javax.cache:cache-api:jar:1.0.0

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#+STARTUP: showall
```

```
* DNS resolver (dirmngr/dns.c)
```

```
dns.c - Recursive, Reentrant DNS Resolver.  
-----
```

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1.767 x-sync 0.0.0-20220722155255-886fb9371eb4

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1.768 pcre 10.32-3.el8_6

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Written by: Philip Hazel
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1.769 netty-transport-native-unix-common

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*

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* /opt/cola/permits/1381525578_1659660693.717194/0/netty-transport-native-unix-common-4-1-35-final-sources-2-jar/io/netty/channel/unix/PreferredDirectByteBufferAllocator.java
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1.770 netty-transport-native-epoll 4.1.35.Final

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jar/io/netty/channel/epoll/EpollEventArray.java
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/opt/cola/permits/1381525585_1659660564.485279/0/netty-transport-native-epoll-4-1-35-final-sources-2-
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* Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
* Keys can only be set on, not read to prevent a potential leak, as they are confidential.
* Allowing them being read would mean anyone with access to the channel could get them.
*/
/**
* Set the {@code TCP_QUICKACK} option on the socket. See <a
```

href="http://linux.die.net/man/7/tcp">TCP_QUICKACK

* for more details.

*/

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/**

* Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.

* Keys can only be set on, not read to prevent a potential leak, as they are confidential.

* Allowing them being read would mean anyone with access to the channel could get them.

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* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/Source.kt

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* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-
jar/commonMain/okio/SegmentedByteString.kt
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-
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```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-
jar/jvmMain/okio/RealBufferedSource.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/GzipSource.kt
```

```
*
```

```
/opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/InflaterSource.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/GzipSink.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/SegmentPool.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/ForwardingSink.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/BufferedSource.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/BufferedSink.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/Timeout.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-
jar/jvmMain/okio/RealBufferedSink.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-
jar/commonMain/okio/SegmentPool.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/DeflaterSink.kt
```

```
*
```

```
/opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/JvmOkio.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/AsyncTimeout.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-
jar/jvmMain/okio/ForwardingSource.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/Segment.kt
```

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 */
```

Found in path(s):

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/ByteString.kt
```

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 */
```

Found in path(s):

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/internal/Path.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/HashingSink.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/NioSystemFileSystem.kt
```

```
*
 * /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/Path.kt
```

```
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-
```

jar/jvmMain/okio/JvmSystemFileSystem.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-

jar/commonMain/okio/ExperimentalFileSystem.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-

jar/commonMain/okio/ForwardingFileSystem.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-

jar/commonMain/okio/HashingSource.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/FileSystem.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/Path.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-

jar/commonMain/okio/FileMetadata.kt

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* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/CipherSource.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/CipherSink.kt

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Found in path(s):

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/internal/RealBufferedSink.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/internal/SegmentedByteString.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/internal/RealBufferedSource.kt

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* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/HashingSource.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/Pipe.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/Options.kt

*

/opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/HashingSink.kt

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* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/-

DeprecatedUtf8.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/-

DeprecatedUpgrade.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-

jar/commonMain/okio/PeekSource.kt

*

/opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/-DeprecatedOkio.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/Throttler.kt

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Found in path(s):

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/internal/-

ByteString.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/-Util.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/-

CommonPlatform.kt

*

/opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/-JvmPlatform.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/ByteString.kt

* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/internal/-

Utf8.kt

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* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-
jar/jvmMain/okio/internal/ZipEntry.kt
*
/opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/internal/zip.kt
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/ZipFileSystem.kt
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* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-
jar/jvmMain/okio/internal/ResourceFileSystem.kt
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-
jar/jvmMain/okio/internal/FixedLengthSource.kt
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/FileHandle.kt
*
/opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/JvmFileHandle.kt
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/commonMain/okio/internal/-
FileSystem.kt
* /opt/cola/permits/1387809635_1660200733.4071565/0/okio-3-0-0-sources-1-jar/jvmMain/okio/FileSystem.kt

1.774 validator v10.11.0

1.774.1 Available under license :

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1.775 webencodings 0.5.1

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python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard`
<<http://encoding.spec.whatwg.org/>>` _.

- * Latest documentation: <http://packages.python.org/webencodings/>
- * Source code and issue tracker:
<https://github.com/gsnedders/python-webencodings>
- * PyPI releases: <http://pypi.python.org/pypi/webencodings>
- * License: BSD
- * Python 2.6+ and 3.3+

In order to be compatible with legacy web content

when interpreting something like ``Content-Type: text/html; charset=latin1``,

tools need to use a particular set of aliases for encoding labels

as well as some overriding rules.

For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration.

The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has

encoding labels and BOM detection,

but the actual implementation for encoders and decoders is Python's.

Found in path(s):

```
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/README.rst
```

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```
from setuptools import setup, find_packages
```

```
import io
```

```
from os import path
```

```
import re
```

```
VERSION = re.search("VERSION = '([^\s]+)'", io.open(
    path.join(path.dirname(__file__), 'webencodings', '__init__.py'),
    encoding='utf-8'
).read().strip()).group(1)
```

```
LONG_DESCRIPTION = io.open(
    path.join(path.dirname(__file__), 'README.rst'),
    encoding='utf-8'
).read()
```

```
setup(
    name='webencodings',
    version=VERSION,
    url='https://github.com/SimonSapin/python-webencodings',
    license='BSD',
    author='Simon Sapin',
    author_email='simon.sapin@exyr.org',
    maintainer='Geoffrey Sneddon',
    maintainer_email='me@gsnedders.com',
    description='Character encoding aliases for legacy web content',
    long_description=LONG_DESCRIPTION,
    classifiers=[
        'Development Status :: 4 - Beta',
```

```

'Intended Audience :: Developers',
'License :: OSI Approved :: BSD License',
'Programming Language
:: Python',
'Programming Language :: Python :: 2',
'Programming Language :: Python :: 2.6',
'Programming Language :: Python :: 2.7',
'Programming Language :: Python :: 3',
'Programming Language :: Python :: 3.3',
'Programming Language :: Python :: 3.4',
'Programming Language :: Python :: 3.5',
'Programming Language :: Python :: 3.6',
'Programming Language :: Python :: Implementation :: CPython',
'Programming Language :: Python :: Implementation :: PyPy',
'Topic :: Internet :: WWW/HTTP',
],
packages=find_packages(),
)

```

Found in path(s):

```
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/setup.py
```

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```
"""
```

```
webencodings.mklabels
```

```
~~~~~
```

Regenerate the webencodings.labels module.

```
:copyright: Copyright 2012 by Simon Sapin
```

```
:license: BSD, see LICENSE for details.
```

```
"""
```

```
import json
```

```
try:
```

```
    from urllib import urlopen
```

```
except ImportError:
```

```
    from urllib.request import urlopen
```

```
def assert_lower(string):
```

```
    assert string == string.lower()
```

```
    return string
```

```

def generate(url):
    parts = ["\
    """

    webencodings.labels
    ~~~~~

    Map encoding labels to their name.

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    :license: BSD, see LICENSE for details.

    """

    # XXX Do not edit!
    # This file is automatically generated by mklabels.py

    LABELS = {
    ""
    labels = [
        (repr(assert_lower(label)).lstrip('u'),
         repr(encoding['name']).lstrip('u'))
        for category in json.loads(urlopen(url).read().decode('ascii'))
        for encoding in category['encodings']
        for label in encoding['labels']]
    max_len = max(len(label) for label, name in labels)
    parts.extend(
        ' %s:%s %s,\n' % (label, ' ' * (max_len - len(label)), name)
        for label, name in labels)
    parts.append('}')
    return ".join(parts)

if __name__ == '__main__':
    print(generate('http://encoding.spec.whatwg.org/encodings.json'))

Found in path(s):
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/mklabels.py
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Found in path(s):
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/labels.py
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/__init__.py

```

```
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/tests.py
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings/x_user_defined.py
```

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Metadata-Version: 1.1

Name: webencodings

Version: 0.5.1

Summary: Character encoding aliases for legacy web content

Home-page: <https://github.com/SimonSapin/python-webencodings>

Author: Geoffrey Sneddon

Author-email: me@gsnedders.com

License: BSD

Description: python-webencodings

=====

This is a Python implementation of the `WHATWG Encoding standard` <<http://encoding.spec.whatwg.org/>>` _.

- * Latest documentation: <http://packages.python.org/webencodings/>
- * Source code and issue tracker:
<https://github.com/gsnedders/python-webencodings>
- * PyPI releases: <http://pypi.python.org/pypi/webencodings>
- * License: BSD
- * Python 2.6+ and 3.3+

In order to be compatible with legacy web content when interpreting something like ``Content-Type: text/html; charset=latin1``, tools need to use a particular set of aliases for encoding labels as well as some overriding rules. For example, ``US-ASCII`` and ``iso-8859-1`` on the web are actually aliases for ``windows-1252``, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration. The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Python's.

Platform: UNKNOWN

Classifier: Development Status :: 4 - Beta

Classifier: Intended Audience :: Developers

Classifier: License :: OSI Approved :: BSD License

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

Classifier: Programming Language :: Python :: 2.6

Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python
:: 3.3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: 3.5
Classifier: Programming Language :: Python :: 3.6
Classifier: Programming Language :: Python :: Implementation :: CPython
Classifier: Programming Language :: Python :: Implementation :: PyPy
Classifier: Topic :: Internet :: WWW/HTTP

Found in path(s):

* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/webencodings.egg-info/PKG-INFO
* /opt/cola/permits/1401468445_1661617535.3616152/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/PKG-INFO

1.776 go-toml 1.9.4

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localtime.go, localtime_test.go:

Originals:

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Changes:

- * Renamed files from civil* to localtime*.
- * Package changed from civil to toml.
- * 'Local' prefix added to all structs.

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Name: wsgiref

Version: 0.1.2

Summary: WSGI (PEP 333) Reference Library

Home-page: <http://cheeseshop.python.org/pypi/wsgiref>

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mgo - MongoDB driver for Go

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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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1.789 gotenv v1.4.1

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1.790 github.com/pelletier/go-toml/v2 v2.0.5

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1.792 pcre 8.39-12ubuntu0.1

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1.793 audit 2.8.5-2ubuntu6

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1.796 go-restful v3.8.0

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1.811 protobuf-java 2.5.32

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- * Small patch to handle trailing slashes in --proto_path flag.

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- * Small patch to fix Python CallMethod().

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- * Small optimizations to Python serialization.

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- * VI syntax highlighting tweaks.
- * Fix compiler to not make output executable.

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- * Heuristic detection of sub-messages when printing unknown fields in text format.

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- * Added @Override annotation to generated Java code where appropriate.

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- * Tru64 support.

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- * Slicing support for repeated scalar fields for the Python API.

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- * MS Visual Studio error format option.
- * Detect unordered_map in stl_hash.m4.

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- * gzip/zlib I/O support.

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- * Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
- * Added generation of field number constants.

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- * Fixed initialization ordering problem in logging code.

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- * Small patch improving performance of in Python serialization.

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- * Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

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- * Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

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- * HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>

- * Detect whether zlib is new enough in configure script.
- * Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>

- * Optimize Java serialization code when writing a small message to a stream.
- * Optimize Java serialization of strings so that UTF-8 encoding happens only

once per string per serialization call.
* Clean up some Java warnings.
* Fix bug with permanent callbacks that delete themselves when run.
Michael Kucharski <m.kucharski@gmail.com>
* Added CodedInputStream.getTotalBytesRead().
Kacper Kowalik <xarthisius.kk@gmail.com>
* Fixed m4/acx_pthread.m4 problem for some Linux distributions.
William Orr <will@worrbase.com>
* Fixed detection of sched_yield on Solaris.
* Added atomicops for Solaris
Andrew Paprocki <andrew@ishiboo.com>
* Fixed minor IBM xLC compiler build issues
* Added atomicops for AIX (POWER)
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who commit code to the project are encouraged to add their names
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Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.

1.812 zlib 1.2.11.dfsg-2ubuntu1.5

1.812.1 Available under license :

No license file was found, but licenses were detected in source scan.

```
/* gun.c -- simple gunzip to give an example of the use of inflateBack()
 * Copyright (C) 2003, 2005, 2008, 2010, 2012 Mark Adler
 * For conditions of distribution and use, see copyright notice in zlib.h
 * Version 1.7 12 August 2012 Mark Adler */
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gun.c
```

No license file was found, but licenses were detected in source scan.

```
/* gzclose.c -- zlib gzclose() function
```

```
* Copyright (C) 2004, 2010 Mark Adler
```

```
* For conditions of distribution and use, see copyright notice in zlib.h
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzclose.c
```

No license file was found, but licenses were detected in source scan.

MiniZip - Copyright (c) 1998-2010 - by Gilles Vollant - version 1.1 64 bits from Mathias Svensson

Introduction

MiniZip 1.1 is built from MiniZip 1.0 by Gilles Vollant (<http://www.winimage.com/zLibDll/minizip.html>)

When adding ZIP64 support into minizip it would result into risk of breaking compatibility with minizip 1.0. All possible work was done for compatibility.

Background

When adding ZIP64 support Mathias Svensson found that Even Rouault have added ZIP64 support for unzip.c into minizip for a open source project called gdal (<http://www.gdal.org/>)

That was used as a starting point. And after that ZIP64 support was added to zip.c some refactoring and code cleanup was also done.

Changed from MiniZip 1.0 to MiniZip 1.1

```
* Added ZIP64 support for unzip ( by Even Rouault )
```

```
* Added ZIP64 support for zip ( by Mathias Svensson
```

```
)
```

```
* Reverted some changed that Even Rouault did.
```

```
* Bunch of patches received from Guller Vollant that he received for MiniZip from various users.
```

```
* Added unzip patch for BZIP Compression method (patch create by Daniel Borca)
```

```
* Added BZIP Compress method for zip
```

```
* Did some refactoring and code cleanup
```

Credits

Gilles Vollant - Original MiniZip author

Even Rouault - ZIP64 unzip Support
Daniel Borca - BZip Compression method support in unzip
Mathias Svensson - ZIP64 zip support
Mathias Svensson - BZip Compression method support in zip

Resources

ZipLayout <http://result42.com/projects/ZipFileLayout>

Command line tool for Windows that shows the layout and information of the headers in a zip archive.
Used when debugging and validating the creation of zip files using MiniZip64

ZIP App Note <http://www.pkware.com/documents/casestudies/APPNOTE.TXT>
Zip File specification

Notes.

* To be able to use BZip compression method in
zip64.c or unzip64.c the BZIP2 lib is needed and HAVE_BZIP2 need to be defined.

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2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/MiniZip64_info.txt

No license file was found, but licenses were detected in source scan.

```
/* compress.c -- compress a memory buffer
* Copyright (C) 1995-2005, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
*/opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/compress.c
```

No license file was found, but licenses were detected in source scan.

```
/* zconf.h -- configuration of the zlib compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
*/opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h
*/opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.in
*/opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zconf.h.cmakein
```

No license file was found, but licenses were detected in source scan.

```
/*
* gzlog.c
* Copyright (C) 2004, 2008, 2012, 2016 Mark Adler, all rights reserved
* For conditions of distribution and use, see copyright notice in gzlog.h
* version 2.2, 14 Aug 2012
*/
```

Found in path(s):

```
*/opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.c
```

No license file was found, but licenses were detected in source scan.

```
/* deflate.c -- compress data using the deflation algorithm
* Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
*/opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.c
```

No license file was found, but licenses were detected in source scan.

Not copyrighted -- provided to the public domain

Found in path(s):

```
*/opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/zlib_how.html
```

No license file was found, but licenses were detected in source scan.

```
/* zutil.h -- internal interface and configuration of the compression library
* Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.h
```

No license file was found, but licenses were detected in source scan.

```
/* uncompr.c -- decompress a memory buffer
* Copyright (C) 1995-2003, 2010, 2014, 2016 Jean-loup Gailly, Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/uncompr.c
```

No license file was found, but licenses were detected in source scan.

For conditions of distribution and use, see copyright notice in zlib.h

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.emx
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/Makefile.emx
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/msdos/Makefile.dj2
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/old/os2/Makefile.os2
```

No license file was found, but licenses were detected in source scan.

```
/* trees.c -- output deflated data using Huffman coding
* Copyright (C) 1995-2017 Jean-loup Gailly
* detect_data_type() function provided freely by Cosmin Truta, 2006
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/trees.c
```

No license file was found, but licenses were detected in source scan.

```
/* gzread.c -- zlib functions for reading gzip files
* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzread.c

No license file was found, but licenses were detected in source scan.

/* unzip.c -- IO for uncompress .zip files using zlib

Version 1.1, February 14h, 2010

part of the MiniZip project - (<http://www.winimage.com/zLibDll/minizip.html>)

Copyright (C) 1998-2010 Gilles Vollant (minizip) (<http://www.winimage.com/zLibDll/minizip.html>)

Modifications of Unzip for Zip64

Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip

Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)

For more info read MiniZip_info.txt

Decryption code comes from crypt.c by Info-ZIP but has been greatly reduced in terms of compatibility with older software. The following is from the original crypt.c.

Code woven in by Terry Thorsen 1/2003.

Copyright (c) 1990-2000 Info-ZIP. All rights reserved.

See the accompanying

file LICENSE, version 2000-Apr-09 or later

(the contents of which are also included in zip.h) for terms of use.

If, for some reason, all these files are missing, the Info-ZIP license also may be found at: <ftp://ftp.info-zip.org/pub/infozip/license.html>

crypt.c (full version) by Info-ZIP. Last revised: [see crypt.h]

The encryption/decryption parts of this source code (as opposed to the non-echoing password parts) were originally written in Europe. The whole source package can be freely distributed, including from the USA. (Prior to January 2000, re-export from the US was a violation of US law.)

This encryption code is a direct transcription of the algorithm from Roger Schlafly, described by Phil Katz in the file appnote.txt. This file (appnote.txt) is distributed with the PKZIP program (even in the version without encryption capabilities).

Changes in unzip.c

2007-2008 - Even Rouault - Addition of cpl_unzGetCurrentFileZStreamPos
2007-2008 - Even Rouault - Decoration of symbol names unz* -> cpl_unz*
2007-2008 - Even Rouault - Remove old C style function prototypes
2007-2008 - Even Rouault - Add unzip support for ZIP64

Copyright (C) 2007-2008 Even Rouault

Oct-2009 - Mathias Svensson - Removed cpl_* from symbol names (Even Rouault added them but since this is now moved to a new project (minizip64) I renamed them again).

Oct-2009 - Mathias Svensson - Fixed problem if uncompressed size was > 4G and compressed size was <4G
should only read the compressed/uncompressed size from the Zip64 format if
the size from normal header was 0xFFFFFFFF

Oct-2009 - Mathias Svensson - Applied some bug fixes from patches received from Gilles Vollant

Oct-2009 - Mathias Svensson - Applied support to unzip files with compression method
BZIP2 (bzip2 lib is required)

Patch created by Daniel Borca

Jan-2010 - back to unzip and minizip 1.0 name scheme, with compatibility layer

Copyright (C) 1998 - 2010 Gilles Vollant, Even Rouault, Mathias Svensson

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-
1.2.11.dfsg/contrib/minizip/unzip.c

No license file was found, but licenses were detected in source scan.

/* example.c -- usage example of the zlib compression library

* Copyright (C) 1995-2006, 2011, 2016 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-
1.2.11.dfsg/test/example.c

/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

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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://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/

No license file was found, but licenses were detected in source scan.

```
/* gzwrite.c -- zlib functions for writing gzip files
 * Copyright (C) 2004-2017 Mark Adler
 * For conditions of distribution and use, see copyright notice in zlib.h
 */
```

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzwrite.c

No license file was found, but licenses were detected in source scan.

```
/* Adler32.c -- compute the Adler-32 checksum of a data stream
 * Copyright (C) 1995-2011, 2016 Mark Adler
 * For conditions of distribution and use, see copyright notice in zlib.h
 */
```

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/adler32.c

No license file was found, but licenses were detected in source scan.

Frequently Asked Questions about zlib

If your question is not there, please check the zlib home page <http://zlib.net/> which may have more recent information. The latest zlib FAQ is at http://zlib.net/zlib_faq.html

1. Is zlib Y2K-compliant?

Yes. zlib doesn't handle dates.

2. Where can I get a Windows DLL version?

The zlib sources can be compiled without change to produce a DLL. See the file win32/DLL_FAQ.txt in the zlib distribution. Pointers to the precompiled DLL are found in the zlib web site at <http://zlib.net/>.

3. Where can I get a Visual Basic interface to zlib?

See

* <http://marknelson.us/1997/01/01/zlib-engine/>

* win32/DLL_FAQ.txt in the zlib distribution

4. compress() returns Z_BUF_ERROR.

Make sure that before the call of compress(), the length of the compressed buffer is equal to the available size of the compressed buffer and not zero. For Visual

Basic, check that this parameter is passed by reference

("as any"), not by value ("as long").

5. deflate() or inflate() returns Z_BUF_ERROR.

Before making the call, make sure that avail_in and avail_out are not zero. When setting the parameter flush equal to Z_FINISH, also make sure that avail_out is big enough to allow processing all pending input. Note that a Z_BUF_ERROR is not fatal--another call to deflate() or inflate() can be made with more input or output space. A Z_BUF_ERROR may in fact be unavoidable depending on how the functions are used, since it is not possible to tell whether or not there is more output pending when strm.avail_out returns with zero. See http://zlib.net/zlib_how.html for a heavily annotated example.

6. Where's the zlib documentation (man pages, etc.)?

It's in zlib.h. Examples of zlib usage are in the files test/example.c and test/minigzip.c, with more in examples/.

7. Why don't you use GNU

autoconf or libtool or ...?

Because we would like to keep zlib as a very small and simple package. zlib is rather portable and doesn't need much configuration.

8. I found a bug in zlib.

Most of the time, such problems are due to an incorrect usage of zlib.
Please try to reproduce the problem with a small program and send the
corresponding source to us at zlib@gzip.org . Do not send multi-megabyte
data files without prior agreement.

9. Why do I get "undefined reference to gzputc"?

If "make test" produces something like

```
example.o(.text+0x154): undefined reference to `gzputc'
```

check that you don't have old files libz.* in /usr/lib, /usr/local/lib or
/usr/X11R6/lib. Remove any old versions, then do "make install".

10. I need a Delphi interface to zlib.

See the contrib/delphi directory in the zlib distribution.

11. Can zlib handle .zip archives?

Not by itself, no. See the directory contrib/minizip in the zlib
distribution.

12.

Can zlib handle .Z files?

No, sorry. You have to spawn an uncompress or gunzip subprocess, or adapt
the code of uncompress on your own.

13. How can I make a Unix shared library?

By default a shared (and a static) library is built for Unix. So:

```
make distclean  
./configure  
make
```

14. How do I install a shared zlib library on Unix?

After the above, then:

```
make install
```

However, many flavors of Unix come with a shared zlib already installed.

Before going to the trouble of compiling a shared version of zlib and
trying to install it, you may want to check if it's already there! If you
can `#include <zlib.h>`, it's there. The `-lz` option will probably link to

it. You can check the version at the top of zlib.h or with the ZLIB_VERSION symbol defined in zlib.h .

15. I have a question about OttoPDF.

We are not the authors of OttoPDF. The real author is on the OttoPDF web site: Joel Hainley, jhainley@myndkryme.com.

16.

Can zlib decode Flate data in an Adobe PDF file?

Yes. See <http://www.pdflib.com/> . To modify PDF forms, see <http://sourceforge.net/projects/acroformtool/> .

17. Why am I getting this "register_frame_info not found" error on Solaris?

After installing zlib 1.1.4 on Solaris 2.6, running applications using zlib generates an error such as:

```
ld.so.1: rpm: fatal: relocation error: file /usr/local/lib/libz.so:
symbol __register_frame_info: referenced symbol not found
```

The symbol `__register_frame_info` is not part of zlib, it is generated by the C compiler (cc or gcc). You must recompile applications using zlib which have this problem. This problem is specific to Solaris. See <http://www.sunfreeware.com> for Solaris versions of zlib and applications using zlib.

18. Why does gzip give an error on a file I make with compress/deflate?

The compress and deflate functions produce data in the zlib format, which is different and incompatible with the gzip format. The `gz*` functions in zlib on the other hand use the gzip format. Both the zlib and gzip formats use the same compressed data format internally, but have different headers and trailers around the compressed data.

19. Ok, so why are there two different formats?

The gzip format was designed to retain the directory information about a single file, such as the name and last modification date. The zlib format on the other hand was designed for in-memory and communication channel applications, and has a much more compact header and trailer and uses a faster integrity check than gzip.

20. Well that's nice, but how do I make a gzip file in memory?

You can request that deflate write the gzip format instead of the zlib

format using `deflateInit2()`. You can also request that inflate decode the gzip format using `inflateInit2()`. Read `zlib.h` for more details.

21. Is zlib thread-safe?

Yes. However any library routines that zlib uses and any application-provided memory allocation routines must also be thread-safe. zlib's `gz*` functions use `stdio` library routines, and most of zlib's functions use the library memory allocation routines by default. zlib's `*Init*` functions allow for the application to provide custom memory allocation routines.

Of course, you should only operate on any given zlib or gzip stream from a single thread at a time.

22. Can I use zlib in my commercial application?

Yes. Please read the license in `zlib.h`.

23. Is zlib under the GNU license?

No. Please read the license in `zlib.h`.

24. The license says that altered source versions must be "plainly marked". So what exactly do I need to do to meet that requirement?

You need to change the `ZLIB_VERSION` and `ZLIB_VERNUM` #defines in `zlib.h`. In particular, the final version number needs to be changed to "f", and an identification string should be appended to `ZLIB_VERSION`. Version numbers `x.x.x.f` are reserved for modifications to zlib by others than the zlib maintainers. For example, if the version of the base zlib you are altering is "1.2.3.4", then in `zlib.h` you should change `ZLIB_VERNUM` to `0x123f`, and `ZLIB_VERSION` to something like "1.2.3.f-zachary-mods-v3". You can also update the version strings in `deflate.c` and `inftrees.c`.

For altered source distributions, you should also note the origin and nature of the changes in `zlib.h`, as well as in `ChangeLog` and `README`, along with the dates of the alterations. The origin should include at least your name (or your company's name), and an email address to contact for help or issues with the library.

Note that distributing a compiled zlib library along with `zlib.h` and `zconf.h` is also a source distribution, and so you should change `ZLIB_VERSION` and `ZLIB_VERNUM` and note the origin and nature of the changes in `zlib.h` as you would for a full source distribution.

25.

Will zlib work on a big-endian or little-endian architecture, and can I exchange compressed data between them?

Yes and yes.

26. Will zlib work on a 64-bit machine?

Yes. It has been tested on 64-bit machines, and has no dependence on any data types being limited to 32-bits in length. If you have any difficulties, please provide a complete problem report to zlib@gzip.org

27. Will zlib decompress data from the PKWare Data Compression Library?

No. The PKWare DCL uses a completely different compressed data format than does PKZIP and zlib. However, you can look in zlib's contrib/blast directory for a possible solution to your problem.

28. Can I access data randomly in a compressed stream?

No, not without some preparation. If when compressing you periodically use `Z_FULL_FLUSH`, carefully write all the pending data at those points, and keep an index of those locations, then you can start decompression at those points. You have to be careful to not use `Z_FULL_FLUSH` too often, since it can significantly degrade compression. Alternatively, you can scan a deflate stream once to generate an index, and then use that index for random access. See `examples/zran.c`.

29. Does zlib work on MVS, OS/390, CICS, etc.?

It has in the past, but we have not heard of any recent evidence. There were working ports of zlib 1.1.4 to MVS, but those links no longer work. If you know of recent, successful applications of zlib on these operating systems, please let us know. Thanks.

30. Is there some simpler, easier to read version of inflate I can look at to understand the deflate format?

First off, you should read RFC 1951. Second, yes. Look in zlib's contrib/puff directory.

31. Does zlib infringe on any patents?

As far as we know, no. In fact, that was originally the whole point behind zlib. Look here for some more information:

<http://www.gzip.org/#faq11>

32. Can zlib work with greater than 4 GB of data?

Yes. `inflate()` and `deflate()` will process any amount of data correctly. Each call of `inflate()` or `deflate()` is limited to input and output chunks of the maximum value that can be stored in the compiler's "unsigned int" type, but there is no limit to the number of chunks. Note however that the `strm.total_in` and `strm_total_out` counters may be limited to 4 GB. These counters are provided as a convenience and are not used internally by `inflate()` or `deflate()`. The application can easily set up its own counters updated after each call of `inflate()` or `deflate()` to count beyond 4 GB. `compress()` and `uncompress()` may be limited to 4 GB, since they operate in a single call. `gzseek()` and `gztell()` may be limited to 4 GB depending on how zlib is compiled. See the `zlibCompileFlags()` function in `zlib.h`.

The word "may" appears several times above since there is a 4 GB limit only if the compiler's "long" type is 32 bits. If the compiler's "long" type is 64 bits, then the limit is 16 exabytes.

33. Does zlib have any security vulnerabilities?

The only one that we are aware of is potentially in `gzprintf()`. If zlib is compiled to use `sprintf()` or `vsprintf()`, then there is no protection against a buffer overflow of an 8K string space (or other value as set by `gzbuffer()`), other than the caller of `gzprintf()` assuring that the output will not exceed 8K. On the other hand, if zlib is compiled to use `snprintf()` or `vsnprintf()`, which should normally be the case, then there is no vulnerability. The `./configure` script will display warnings if an insecure variation of `sprintf()` will be used by `gzprintf()`. Also the `zlibCompileFlags()` function will return information on what variant of `sprintf()` is used by `gzprintf()`.

If you don't have `snprintf()` or `vsnprintf()` and would like one, you can find a portable implementation here:

<http://www.ijs.si/software/snprintf/>

Note that you should be using the most recent version of zlib. Versions 1.1.3 and before were subject to a double-free vulnerability, and versions 1.2.1 and 1.2.2 were subject to an access exception when decompressing invalid compressed data.

34. Is there a Java version of zlib?

Probably what you want is to use zlib in Java. zlib is already included as part of the Java SDK in the `java.util.zip` package. If you really want a version of zlib written in the Java language, look on the zlib home

page for links: <http://zlib.net/> .

35. I get this or that compiler or source-code scanner warning when I crank it up to maximally-pedantic. Can't you guys write proper code?

Many years ago, we gave up attempting to avoid warnings on every compiler in the universe. It just got to be a waste of time, and some compilers were downright silly as well as contradicted each other. So now, we simply make sure that the code always works.

36. Valgrind (or some similar memory access checker) says that deflate is performing a conditional jump that depends on an uninitialized value. Isn't that a bug?

No. That is intentional for performance reasons, and the output of deflate is not affected. This only started showing up recently since zlib 1.2.x uses malloc() by default for allocations, whereas earlier versions used calloc(), which zeros out the allocated memory. Even though the code was correct, versions 1.2.4 and later was changed to not stimulate these checkers.

37. Will zlib read the (insert any ancient or arcane format here) compressed data format?

Probably not. Look in the comp.compression FAQ for pointers to various formats and associated software.

38. How can I encrypt/decrypt zip files with zlib?

zlib doesn't support encryption. The original PKZIP encryption is very weak and can be broken with freely available programs. To get strong encryption, use GnuPG, <http://www.gnupg.org/> , which already includes zlib compression. For PKZIP compatible "encryption", look at <http://www.info-zip.org/>

39. What's the difference between the "gzip" and "deflate" HTTP 1.1 encodings?

"gzip" is the gzip format, and "deflate" is the zlib format. They should probably have called the second one "zlib" instead to avoid confusion with the raw deflate compressed data format. While the HTTP 1.1 RFC 2616 correctly points to the zlib specification in RFC 1950 for the "deflate" transfer encoding, there have been reports of servers and browsers that incorrectly produce or expect raw deflate data per the deflate specification in RFC 1951, most notably Microsoft. So even though the "deflate" transfer encoding using the zlib format would be the more efficient approach (and in fact exactly what the zlib format was designed

for), using the "gzip" transfer encoding is probably more reliable due to an unfortunate choice of name on the part of the HTTP 1.1 authors.

Bottom line: use the gzip format for HTTP 1.1 encoding.

40. Does zlib support the new "Deflate64" format introduced by PKWare?

No. PKWare has apparently decided to keep that format proprietary, since they have not documented it as they have previous compression formats. In any case, the compression improvements are so modest compared to other more modern approaches, that it's not worth the effort to implement.

41. I'm having a problem with the zip functions in zlib, can you help?

There are no zip functions in zlib. You are probably using minizip by Giles Vollant, which is found in the contrib directory of zlib. It is not part of zlib. In fact none of the stuff in contrib is part of zlib. The files in there are not supported by the zlib authors. You need to contact the authors of the respective contribution for help.

42. The match.asm code in contrib is under the GNU General Public License.

Since it's part of zlib, doesn't that mean that all of zlib falls under the GNU GPL?

No. The files in contrib are not part of zlib. They were contributed by other authors and are provided as a convenience to the user within the zlib distribution. Each item in contrib has its own license.

43. Is zlib subject to export controls? What is its ECCN?

zlib is not subject to export controls, and so is classified as EAR99.

44. Can you please sign these lengthy legal documents and fax them back to us so that we can use your software in our product?

No. Go away. Shoo.

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/FAQ

No license file was found, but licenses were detected in source scan.

```
/* inftrees.h -- header to use inftrees.c
```

```
* Copyright (C) 1995-2005, 2010 Mark Adler
```

```
* For conditions of distribution and use, see copyright notice in zlib.h
```

```
*/
```

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.h

No license file was found, but licenses were detected in source scan.

/* gzappend -- command to append to a gzip file

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version 1.2, 11 Oct 2012

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Mark Adler madler@alumni.caltech.edu

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzappend.c

No license file was found, but licenses were detected in source scan.

/* deflate.h -- internal compression state

* Copyright (C) 1995-2016 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/deflate.h

No license file was found, but licenses were detected in source scan.

/*

Additional tools for Minizip

Code: Xavier Roche '2004

License: Same as ZLIB (www.gzip.org)

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.h

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/mztools.c

No license file was found, but licenses were detected in source scan.

/* unzip.h -- IO for uncompress .zip files using zlib

Version 1.1, February 14h, 2010

part of the MiniZip project - (<http://www.winimage.com/zLibDll/minizip.html>)

Copyright (C) 1998-2010 Gilles Vollant (minizip) (<http://www.winimage.com/zLibDll/minizip.html>)

Modifications of Unzip for Zip64

Copyright (C) 2007-2008 Even Rouault

Modifications for Zip64 support on both zip and unzip

Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)

For more info read MiniZip_info.txt

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Changes

See header of unzip64.c

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/unzip.h

No license file was found, but licenses were detected in source scan.

/* gzjoin -- command to join gzip files into one gzip file

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version 1.2, 14 Aug 2012

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Mark Adler madler@alumni.caltech.edu

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzjoin.c

No license file was found, but licenses were detected in source scan.

/* crc32.c -- compute the CRC-32 of a data stream

* Copyright (C) 1995-2006, 2010, 2011, 2012, 2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*

* Thanks to Rodney Brown <rbrown64@csc.com.au> for his contribution of faster

* CRC methods: exclusive-oring 32 bits of data at a time, and pre-computing

* tables for updating the shift register in one step with three exclusive-ors

* instead of four steps with four exclusive-ors. This results in about a

* factor of two increase in speed on a Power PC G4 (PPC7455) using gcc -O3.

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/crc32.c

No license file was found, but licenses were detected in source scan.

/* inffast.c -- fast decoding

* Copyright (C) 1995-2017 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.c

No license file was found, but licenses were detected in source scan.

/* zutil.c -- target dependent utility functions for the compression library

* Copyright (C) 1995-2017 Jean-loup Gailly

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zutil.c

No license file was found, but licenses were detected in source scan.

/* inflate.h -- internal inflate state definition

* Copyright (C) 1995-2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.h

No license file was found, but licenses were detected in source scan.

/* 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).

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.h
No license file was found, but licenses were detected in source scan.

/* gzguts.h -- zlib internal header definitions for gz* operations
* Copyright (C) 2004, 2005, 2010, 2011, 2012, 2013, 2016 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzguts.h
No license file was found, but licenses were detected in source scan.

/* zip.h -- IO on .zip files using zlib
Version 1.1, February 14h, 2010
part of the MiniZip project - (<http://www.winimage.com/zLibDll/minizip.html>)

Copyright (C) 1998-2010 Gilles Vollant (<http://www.winimage.com/zLibDll/minizip.html>)

Modifications for Zip64 support
Copyright (C) 2009-2010 Mathias Svensson (<http://result42.com>)

For more info read MiniZip_info.txt

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Changes

See header of zip.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/contrib/minizip/zip.h

No license file was found, but licenses were detected in source scan.

/* inftrees.c -- generate Huffman trees for efficient decoding

* Copyright (C) 1995-2017 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inftrees.c

No license file was found, but licenses were detected in source scan.

/* inflate.c -- zlib decompression

* Copyright (C) 1995-2016 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inflate.c

No license file was found, but licenses were detected in source scan.

/* zpipe.c: example of proper use of zlib's inflate() and deflate()

Not copyrighted -- provided to the public domain

Version 1.4 11 December 2005 Mark Adler */

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-

1.2.11.dfs/examples/zpipe.c

No license file was found, but licenses were detected in source scan.

ZLIB DATA COMPRESSION LIBRARY

zlib 1.2.11 is a general purpose data compression library. All the code is thread safe. 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](http://tools.ietf.org/html/rfc1951) (deflate format) and [rfc1952](http://tools.ietf.org/html/rfc1952) (gzip format).

All functions of the compression library are documented in the file `zlib.h` (volunteer to write man pages welcome, contact zlib@gzip.org). A usage example of the library is given in the file `test/example.c` which also tests that the library is working correctly. Another example is given in the file `test/minigzip.c`. The compression library itself is composed of all source files in the root directory.

To compile all files and run the test program, follow the instructions given at the top of `Makefile.in`. In short `./configure; make test`, and if that goes well, `make install` should work for most flavors of Unix. For Windows, use one of the special makefiles in `win32/` or `contrib/vstudio/`. For VMS, use `make_vms.com`.

Questions about zlib should be sent to [<zlib@gzip.org>](mailto:zlib@gzip.org), or to Gilles Vollant [<info@winimage.com>](mailto:info@winimage.com) for the Windows DLL version. The zlib home page is <http://zlib.net/>. Before reporting a problem, please check this site to verify that you have the latest version of zlib; otherwise get the latest version and check whether the problem still exists or not.

PLEASE read the zlib FAQ http://zlib.net/zlib_faq.html before asking for help.

Mark Nelson [<markn@ieee.org>](mailto:markn@ieee.org) wrote an article about zlib for the Jan. 1997 issue of Dr. Dobbs's Journal; a copy of the article is available at <http://marknelson.us/1997/01/01/zlib-engine/>.

The changes made in version 1.2.11 are documented in the file `ChangeLog`.

Unsupported third party contributions are provided in directory `contrib/`.

zlib is available in Java using the `java.util.zip` package, documented at <http://java.sun.com/developer/technicalArticles/Programming/compression/>.

A Perl interface to zlib written by Paul Marquess [<pmqs@cpan.org>](mailto:pmqs@cpan.org) is available at CPAN (Comprehensive Perl Archive Network) sites, including <http://search.cpan.org/~pmqs/IO-Compress-Zlib/>.

A Python interface to zlib written by A.M. Kuchling <amk@amk.ca> is available in Python 1.5 and later versions, see <http://docs.python.org/library/zlib.html> .

zlib is built into tcl: <http://wiki.tcl.tk/4610> .

An experimental package to read and write files in .zip format, written on top of zlib by Gilles Vollant <info@winimage.com>, is available in the contrib/minizip directory of zlib.

Notes for some targets:

- For Windows DLL versions, please see win32/DLL_FAQ.txt
- For 64-bit Irix, deflate.c must be compiled without any optimization. With -O, one libpng test fails. The test works in 32 bit mode (with the -n32 compiler flag). The compiler bug has been reported to SGI.
- zlib doesn't work with gcc 2.6.3 on a DEC 3000/300LX under OSF/1 2.1 it works when compiled with cc.
- On Digital Unix 4.0D (formely OSF/1) on AlphaServer, the cc option -std1 is necessary to get gzprintf working correctly. This is done by configure.
- zlib doesn't work on HP-UX 9.05 with some versions of /bin/cc. It works with other compilers. Use "make test" to check your compiler.
- gzdopen is not supported on RISCOS or BEOS.
- For PalmOs, see <http://palmzlib.sourceforge.net/>

Acknowledgments:

The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by L. Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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jloup@gzip.org madler@alumni.caltech.edu

If you use the zlib library in a product, we would appreciate *not* receiving lengthy legal documents to sign. The sources are provided for free but without warranty of any kind. The library has been entirely written by Jean-loup Gailly and Mark Adler; it does not include third-party code.

If you redistribute modified sources, we would appreciate that you include in the file ChangeLog history information documenting your changes. Please read the FAQ for more information on the distribution of modified source versions.

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/README
No license file was found, but licenses were detected in source scan.
```

```
/* minigzip.c -- simulate gzip using the zlib compression library
* Copyright (C) 1995-2006, 2010, 2011, 2016 Jean-loup Gailly
* For conditions of distribution and use, see copyright notice in zlib.h
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/minigzip.c
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```

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Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/zlib.3
```

No license file was found, but licenses were detected in source scan.

```
/* inffast.h -- header to use inffast.c
```

```
* Copyright (C) 1995-2003, 2010 Mark Adler
```

```
* For conditions of distribution and use, see copyright notice in zlib.h
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffast.h
```

No license file was found, but licenses were detected in source scan.

```
/* zran.c -- example of zlib/gzip stream indexing and random access
```

```
* Copyright (C) 2005, 2012 Mark Adler
```

```
* For conditions of distribution and use, see copyright notice in zlib.h
```

```
Version 1.1 29 Sep 2012 Mark Adler */
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-
```

```
1.2.11.dfsg/examples/zran.c
```

No license file was found, but licenses were detected in source scan.

```
/* inffback.c -- inflate using a call-back interface
```

```
* Copyright (C) 1995-2016 Mark Adler
```

```
* For conditions of distribution and use, see copyright notice in zlib.h
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/inffback.c
```

No license file was found, but licenses were detected in source scan.

```
/* gzlog.h
```

```
Copyright (C) 2004, 2008, 2012 Mark Adler, all rights reserved
```

```
version 2.2, 14 Aug 2012
```

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Mark Adler madler@alumni.caltech.edu

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/gzlog.h

No license file was found, but licenses were detected in source scan.

/* fitblk.c: example of fitting compressed output to a specified size

Not copyrighted -- provided to the public domain

Version 1.1 25 November 2004 Mark Adler */

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/examples/fitblk.c

No license file was found, but licenses were detected in source scan.

/* gzlib.c -- zlib functions common to reading and writing gzip files

* Copyright (C) 2004-2017 Mark Adler

* For conditions of distribution and use, see copyright notice in zlib.h

*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/gzlib.c

No license file was found, but licenses were detected in source scan.

/* infcover.c -- test zlib's inflate routines with full code coverage

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*/

Found in path(s):

* /opt/cola/permits/1445162814_1666092919.423293/0/zlib-1-2-11-dfsg-orig-2-tar-gz/zlib-1.2.11.dfsg/test/infcover.c

1.813 apache-commons-text 1.2

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1.814 zlib1g 1:1.2.11.dfsg-2ubuntu1.5

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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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://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

*/

1.815 perl 5.30.0-9ubuntu0.3

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1.819 jackson-databind 2.14.0

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1.820 jackson-annotations 2.14.0

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1.821 jackson-datatype-jsr310 2.14.0

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1.823 jackson-dataformat-yaml 2.14.0

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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) $(LD_FLAGS_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)
```

```
@-$(LD_CONFIG)
```

```
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)
```

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This is the Debian GNU/Linux prepackaged version of the translation files of the EXT2 file system utilities. The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

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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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Gadi Oxman, August 1995

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```
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```

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```
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```

```
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Theodore Ts'o
23-June-2007

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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:

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1.825 libverto 0.3.2-2.el8

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1.829 expat 2.2.9-1ubuntu0.6

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1.830 aptible-supercronic 0.2.1

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Version 3, 29 June 2007

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```

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Found in path(s):

* /opt/cola/permits/1501104832_1670436771.3136754/0/akka-actor-2-11-2-5-32-sources-2-jar/akka/dispatch/forkjoin/RecursiveAction.java

* /opt/cola/permits/1501104832_1670436771.3136754/0/akka-actor-2-11-2-5-32-sources-2-jar/akka/dispatch/forkjoin/RecursiveTask.java

* /opt/cola/permits/1501104832_1670436771.3136754/0/akka-actor-2-11-2-5-32-sources-2-jar/akka/dispatch/forkjoin/ForkJoinWorkerThread.java

* /opt/cola/permits/1501104832_1670436771.3136754/0/akka-actor-2-11-2-5-32-sources-2-jar/akka/dispatch/forkjoin/package-info.java


```
* /opt/cola/permits/1501104832_1670436771.3136754/0/akka-actor-2-11-2-5-32-sources-2-
jar/akka/dispatch/forkjoin/ForkJoinPool.java
* /opt/cola/permits/1501104832_1670436771.3136754/0/akka-actor-2-11-2-5-32-sources-2-
jar/akka/dispatch/forkjoin/ThreadLocalRandom.java
*
/opt/cola/permits/1501104832_1670436771.3136754/0/akka-actor-2-11-2-5-32-sources-2-
jar/akka/dispatch/forkjoin/TransferQueue.java
* /opt/cola/permits/1501104832_1670436771.3136754/0/akka-actor-2-11-2-5-32-sources-2-
jar/akka/dispatch/forkjoin/LinkedTransferQueue.java
* /opt/cola/permits/1501104832_1670436771.3136754/0/akka-actor-2-11-2-5-32-sources-2-
jar/akka/dispatch/forkjoin/ForkJoinTask.java
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1.846 akka-slf4j 2.5.32

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* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/CodedInputStream.java  
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* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/LazyStringList.java  
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* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/LazyStringArrayList.java  
*
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* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/Internal.java
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* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/UnmodifiableLazyStringList.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/LiteralByteString.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/UnknownFieldSet.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/GeneratedMessage.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/GeneratedMessageLite.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/AbstractMessage.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/RpcUtil.java
*
/opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/BlockingRpcChannel.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/ExtensionRegistryLite.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/BoundedByteString.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/Descriptors.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/MessageOrBuilder.java
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/opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/Message.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/DynamicMessage.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/MessageLiteOrBuilder.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/InvalidProtocolBufferException.java
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* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/SmallSortedMap.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/RpcChannel.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/RopeByteString.java
*
/opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/BlockingService.java
* /opt/cola/permits/1501104824_1670436634.3504736/0/akka-protobuf-2-13-2-5-32-sources-1-jar/akka/protobuf/AbstractMessageLite.java

1.848 scala-parser-combinators 1.1.1

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1.849 scala-java8-compat_2.12 0.7.0

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=====

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1.852 libsemanage-common 2.9-9.el8_6

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Version 2.1, February 1999

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Ty Coon, President of Vice

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1.853 slf4j 1.7.35

1.853.1 Available under license :

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Found in path(s):

* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/impl/StaticLoggerBinder.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/Marker.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/helpers/MarkerIgnoringBase.java
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* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/helpers/SubstituteLoggerFactory.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/helpers/Util.java
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* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/impl/StaticMarkerBinder.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/MDC.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/Logger.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/impl/StaticMDCBinder.java
*
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* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/LoggerFactory.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/helpers/BasicMarkerFactory.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/helpers/MessageFormatter.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/MarkerFactory.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-jar/org/slf4j/spi/MDCAdapter.java

```
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-
jar/org/slf4j/helpers/SubstituteLogger.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-
jar/org/slf4j/helpers/BasicMDCAdapter.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-
jar/org/slf4j/helpers/NOPLoggerFactory.java
*
/opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-
jar/org/slf4j/helpers/FormattingTuple.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-
jar/org/slf4j/helpers/BasicMarker.java
* /opt/cola/permits/1512193871_1671324865.003455/0/slf4j-api-1-7-35-sources-
jar/org/slf4j/helpers/NOPLogger.java
```

1.854 swagger-core 2.2.7

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1.855 akkahttpjackson211 10.1.15

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1.856 akka-parsing 10.1.15

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```
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/support/package.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/CharPredicate.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/ParserInput.scala
*
/opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/Parser.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/support/Lifter.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-
```


jar/akka/parboiled2/Rule.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/RuleDSLBasics.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/support/HListable.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/ValueStack.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/support/OpTreeContext.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/support/Unpack.scala
*
/opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/RuleDSLActions.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/support/RunResult.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/support/ActionOpsSupport.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/package.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/ParseError.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/RuleDSLCombinators.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/CharUtils.scala
*
/opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/support/TailSwitch.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/ErrorFormatter.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/support/ActionOps.scala
* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/parboiled2/DynamicRuleDispatch.scala
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- * /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/shapeless/ops/hlists.scala
- * /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/shapeless/syntax/hlists.scala
- * /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-jar/akka/shapeless/hlists.scala

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/**

- * A very fast and memory efficient class to encode and decode to and from BASE64 in full accordance
- * with RFC 2045.

- * On Windows XP sp1 with 1.4.2_04 and later ;), this encoder and decoder is about 10 times faster
- * on small arrays (10 - 1000 bytes) and 2-3 times as fast on larger arrays (10000 - 1000000 bytes)
- * compared to <code>sun.misc.Encoder()/Decoder()</code>.

- *
- * On byte arrays the encoder is about 20% faster than Jakarta Commons Base64 Codec for encode and
- * about 50% faster for decoding large arrays. This implementation is about twice as fast on very small
- * arrays (< 30 bytes). If source/destination is a <code>String</code> this
- * version is about three times as fast due to the fact that the Commons Codec result has to be recoded
- * to a <code>String</code> from <code>byte[]</code>, which is very expensive.

- *
- * This encode/decode algorithm doesn't create any temporary
- arrays as many other codecs do, it only
- * allocates the resulting array. This produces less garbage and it is possible to handle arrays twice
- * as large as algorithms that create a temporary array. (E.g. Jakarta Commons Codec). It is unknown
- * whether Sun's <code>sun.misc.Encoder()/Decoder()</code> produce temporary arrays but since performance
- * is quite low it probably does.

- *
- * The encoder produces the same output as the Sun one except that the Sun's encoder appends
- * a trailing line separator if the last character isn't a pad. Unclear why but it only adds to the
- * length and is probably a side effect. Both are in conformance with RFC 2045 though.

- * Commons codec seem to always add a trailing line separator.

- *
- * Note!
- * The encode/decode method pairs (types) come in three versions with the exact same algorithm and
- * thus a lot of code redundancy. This is to not create any temporary arrays for transcoding to/from different
- * format
- types. The methods not used can simply be commented out.

- *
- * There is also a "fast" version of all decode methods that works the same way as the normal ones, but
- * has a few demands on the decoded input. Normally though, these fast versions should be used if the source if
- * the input is known and it hasn't been tampered with.

*
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* @author Mikael Grev
* Date: 2004-aug-02
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* /opt/cola/permits/1518790907_1677261921.5472739/0/akka-parsing-2-11-10-1-15-sources-1-
jar/akka/parboiled2/util/Base64.java

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```
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jar/akka/shapeless/package.scala
```

1.857 akka-http-core 10.1.15

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```
/**
 * A Utf8 -> Utf16 (= Java char) decoder.
 *
 * This decoder is based on the one of Bjoern Hoehrmann from
 *
 * http://bjoern.hoehrmann.de/utf-8/decoder/dfa/
 *
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*
* INTERNAL API
*/

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* /opt/cola/permits/1518782271_1677344176.9518132/0/akka-http-core-2-11-10-1-15-sources-1-jar/akka/http/impl/engine/ws/Utf8Decoder.scala

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// Public domain algorithm: <http://graphics.stanford.edu/~seander/bithacks.html#RoundUpPowerOf2>.

Found in path(s):

* /opt/cola/permits/1518782271_1677344176.9518132/0/akka-http-core-2-11-10-1-15-sources-1-jar/akka/http/scaladsl/model/sse/ServerSentEvent.scala

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* /opt/cola/permits/1518782271_1677344176.9518132/0/akka-http-core-2-11-10-1-15-sources-1-jar/akka/http/impl/model/parser/Base64Parsing.scala

* /opt/cola/permits/1518782271_1677344176.9518132/0/akka-http-core-2-11-10-1-15-sources-1-jar/akka/http/impl/model/parser/StringBuilding.scala

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```
* /opt/cola/permits/1518782271_1677344176.9518132/0/akka-http-core-2-11-10-1-15-sources-1-
jar/akka/http/javadsl/model/sse/ServerSentEvent.java
* /opt/cola/permits/1518782271_1677344176.9518132/0/akka-http-core-2-11-10-1-15-sources-1-
jar/akka/http/javadsl/model/headers/LastEventId.java
```

1.858 akkahttp211 10.1.15

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1.859 golang 1.18.10

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#
# Names should be added to this file like so:
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# Individual's name <submission email address> <email2> <emailN>
#
# An entry with multiple email addresses specifies that the
# first address should be used in the submit logs and
# that the other addresses should be recognized
# as the
# same person when interacting with Gerrit.
#
# Please keep the list sorted.
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1.860 zlib 1.2.11-21.el8_7

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- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/JsonDeserializationContext.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/Primitives.java
- *
- /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/annotations/Expose.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/GsonBuilder.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/JsonNull.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/JsonSerializationContext.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/InstanceCreator.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/JsonParseException.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/JsonObject.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/FieldNamingStrategy.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/JsonArray.java
- *
- /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/\$Gson\$Preconditions.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/annotations/Since.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/ObjectConstructor.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/JsonElement.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/Excluder.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/ExclusionStrategy.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/JsonSerializer.java
- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/annotations/Until.java

```
*
/opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/FieldNamingPolicy.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/reflect/TypeToken.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/Gson.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/annotations/SerializedName.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/internal/bind/DefaultDateTypeAdapter.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/JsonIOException.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/JsonDeserializer.java
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jar/com/google/gson/ToNumberPolicy.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
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- * /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/LinkedHashMap.java

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jar/com/google/gson/internal/sql/SqlTimeTypeAdapter.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/internal/UnsafeAllocator.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/internal/bind/DateTypeAdapter.java
*

/opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/internal/bind/TreeTypeAdapter.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/internal/ConstructorConstructor.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/internal/sql/SqlDateTypeAdapter.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/internal/LazilyParsedNumber.java

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* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/LongSerializationPolicy.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/JsonParser.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/FieldAttributes.java
*
/opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/JsonStreamParser.java

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* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/bind/JsonTreeReader.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/bind/CollectionTypeAdapterFactory.java
*
/opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/TypeAdapter.java

* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/bind/TypeAdapters.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/bind/ObjectTypeAdapter.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/bind/ArrayTypeAdapter.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/bind/MapTypeAdapterFactory.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/bind/JsonTreeWriter.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/TypeAdapterFactory.java
*

/opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java
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* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/Streams.java

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* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/stream/JsonScope.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/stream/JsonWriter.java
*
/opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/stream/JsonReader.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/stream/MalformedJsonException.java
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* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-jar/com/google/gson/internal/bind/JsonAdapterAnnotationTypeAdapterFactory.java
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jar/com/google/gson/internal/JavaVersion.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/internal/reflect/UnsafeReflectionAccessor.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/internal/reflect/ReflectionAccessor.java
*
/opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
jar/com/google/gson/internal/reflect/PreJava9ReflectionAccessor.java
* /opt/cola/permits/1550776944_1675301335.8363905/0/gson-2-8-9-sources-4-
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```

```
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1.867 fdisk 2.32.1

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```
7zXZF!t/5]oK3&K6Y^
CP#vMOoYL?6]2z({CLYj0
LFIU<>Q& }7!C}e6]]e`M,J}.dE,4hVmp
RsTk!|r!Quo1OE|FfP+A}XBT9 \<
0<P9{>s\36R)m.S(bCb7S<DP(`ka")^oy`r)7I%tU6@AS.SMoOfF3whA!!WIMcK')e/eJ1F
g\B|'W|j>jf_{JPp}oMd3rfQ+}_3<%<6jx{)11D5eg;NtD+~R]w[xiue@F#Em0hu,,x{R7V2!Vq~AG{EX -
"0h*5x)*x\n)#l$*w!:499X1il:"P+=22cmr3J}/0o9nlB?N&(q=$pPc!ab,6f&v/RS>O./OW[INy(BM~]-uf$Ng|"_W[0;
OXy[aB*"/_U~fQHO(3[b%o )+lq#+_d<QdLd=$1p!h0h6nfN=I+GNRk gKOL3\N3"uGxfIC
zCTJtjSN:$gE11QQ$7*5++V=4Xt9V?r3_Vd2o8h"F8~qM,ZI6=Qgtw|11np#_(+?)zp(;H!E2Nz'WW_WmA,
FSYzE*-exTWFt#|
rd>k\R>aXrvXS~"9=U$puaqQb;|k,RD5(fu&#
?)wlnz>SbvY[R+t[ BS=)d ;*!;._>KfBqxY(F|0.Ve%S61opMG
1%QsS|11np#_(~*'uM%S61opMG`YfRXvY[R+t[ BS=)d ;*!;._>KfBqxY(F|0.Ve%S61opMG`YfRXvY[R+t[
BS=)d ;*!;._>KfB }&ea)F~H#@|DExb
Fw=|
;}8SPT"_p;27 *,D-sS|11np#_(~*'uM%S61opMG`B=gD7-`rFTvDY(F|0.Ve%S61opMG`YfRXvY[R+t[ BS=)d
;*!;._>KfBqxY(F|0.Ve%S61opMG`YfRXx+sS|11np#_(~*'uM%S61opMG`YfRXvY[R+t[ BS=)d
;*!;._>KfBqxY(F|0.Ve%S61opMG`YfRXvY[R+t[ BS=)d ;*!;._>KfBqxY(F|0.Ve%Q?f_{+T@Uo)2fgYZ
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```

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```

*/
7zXZF!t/]o."w[7gp<G
H:Oed 18uyMQ9]FO6
87I8.mhGl^eb_X/UQKuB
)Cdk!B_M/tw|11np#_(~*uM%S61opMG`YfRXvY[R+t[ BS=)d
;*!;_>KfBqxY(F|0.Ve%S61opMG`YfRXvY[R+t[ BS=)d
;*!;_>KfBqxYm+sS|11np#_(~*uM%S61opMG`YfRXvY[R+t[ BS=)d
;*!;_>KfBqxY(F|0.Ve%S61opMG`YfRXvY[R+t[ BS=)d;*!;_>KfBqxY(F|0.Ve%Q?
*sS|11np#_(~*u7gi}[IgYZ

```

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1.868 libksba 1.3.5-9.el8_7

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Version 3, 29 June 2007

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1.870 libpamg 1.3.1-5ubuntu4.6

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1.871 libpammodulesbin 1.3.1-5ubuntu4.6

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1.872 qw 1.0.2

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1.873 @iarna/cli 2.1.0

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1.874 lock-verify 2.2.2

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1.875 npm 6.14.18

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// Original can be found at:

// <https://bitbucket.org/lindenlab/llsd>

// Modifications by Joshua Bell inexorabletaash@gmail.com

// <https://github.com/inexorabletaash/polyfill>

// ES3/ES5 implementation of the Khronos Typed Array Specification

// Ref: <http://www.khronos.org/registry/typedarray/specs/latest/>

// Date: 2011-02-01

//

// Variations:

```
// * Allows typed_array.get/set() as alias for subscripts (typed_array[])  
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```

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wcwidth.js: JavaScript Porting of Markus Kuhn's wcwidth() Implementation

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validate-npm-package-license

=====

Give me a string and I'll tell you if it's a valid npm package license string.

```
```javascript
var valid = require('validate-npm-package-license');
```
```

SPDX license identifiers are valid license strings:

```
```javascript

var assert = require('assert');
var validSPDXExpression = {
 validForNewPackages: true,
 validForOldPackages: true,
 spdx: true
};

assert.deepEqual(valid('MIT'), validSPDXExpression);
assert.deepEqual(valid('BSD-2-Clause'), validSPDXExpression);
assert.deepEqual(valid('Apache-2.0'), validSPDXExpression);
assert.deepEqual(valid('ISC'), validSPDXExpression);
```
```

The function will return a warning and suggestion for nearly-correct license identifiers:

```
```javascript
assert.deepEqual(
 valid('Apache 2.0'),
 {
 validForOldPackages: false,
 validForNewPackages: false,
 warnings: [
 'license should be ' +
 'a valid SPDX license expression (without "LicenseRef"), ' +
 '"UNLICENSED", or ' +

```

```

 ""SEE LICENSE IN <filename>"",
 'license is similar to the valid expression "Apache-2.0"'
]
}
);
```

```

SPDX expressions are valid, too ...

```

```javascript
// Simple SPDX license expression for dual licensing
assert.deepEqual(
 valid('(GPL-3.0-only OR BSD-2-Clause)'),
 validSPDXExpression
);
```

```

... except if they contain `LicenseRef`:

```

```javascript
var warningAboutLicenseRef = {
 validForOldPackages: false,
 validForNewPackages: false,
 spdx: true,
 warnings: [
 'license should be ' +
 'a valid SPDX license expression (without "LicenseRef")', ' +
 "'UNLICENSED', or ' +
 "'SEE LICENSE IN <filename>'",
]
};

```

```

assert.deepEqual(
 valid('LicenseRef-Made-Up'),
 warningAboutLicenseRef
);

```

```

assert.deepEqual(
 valid('(MIT OR LicenseRef-Made-Up)'),
 warningAboutLicenseRef
);
```

```

If you can't describe your licensing terms with standardized SPDX identifiers, put the terms in a file in the package and point users there:

```

```javascript
assert.deepEqual(

```

```

valid('SEE
LICENSE IN LICENSE.txt'),
{
 validForNewPackages: true,
 validForOldPackages: true,
 inFile: 'LICENSE.txt'
}
);

assert.deepEqual(
valid('SEE LICENSE IN license.md'),
{
 validForNewPackages: true,
 validForOldPackages: true,
 inFile: 'license.md'
}
);
```

```

If there aren't any licensing terms, use `UNLICENSED`:

```

```javascript
var unlicensed = {
 validForNewPackages: true,
 validForOldPackages: true,
 unlicensed: true
};
assert.deepEqual(valid('UNLICENSED'), unlicensed);
assert.deepEqual(valid('UNLICENSED'), unlicensed);
```

```

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""

spdx-license-ids

![npm version](https://img.shields.io/npm/v/spdx-license-ids.svg)(https://www.npmjs.com/package/spdx-license-ids)

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Installation

[Download JSON directly](https://raw.githubusercontent.com/shinnn/spdx-license-ids/master/index.json), or [use](https://docs.npmjs.com/cli/install) [npm](https://docs.npmjs.com/about-npm/):

...

```
npm install spdx-license-ids
```

...

[Node.js](https://nodejs.org/) API

```
### require('spdx-license-ids')
```

Type: `string[]`

All license IDs except for the currently deprecated ones.

```
```javascript
```

```
const ids = require('spdx-license-ids');
```

```
//=> ['0BSD', 'AAL', 'ADSL', 'AFL-1.1', 'AFL-1.2', 'AFL-2.0', 'AFL-2.1', 'AFL-3.0', 'AGPL-1.0-only', ...]
```

```
ids.includes('BSD-3-Clause'); //=> true
```

```
ids.includes('CC-BY-1.0'); //=>
```

```
 true
```

```
ids.includes('GPL-3.0'); //=> false
```

...

```
require('spdx-license-ids/deprecated')
```

```
Type: `string[]`
```

Deprecated license IDs.

```
``javascript
```

```
const deprecatedIds = require('spdx-license-ids/deprecated');
```

```
//=> ['AGPL-1.0', 'AGPL-3.0', 'GFDL-1.1', 'GFDL-1.2', 'GFDL-1.3', 'GPL-1.0', 'GPL-2.0', ...]
```

```
deprecatedIds.includes('BSD-3-Clause'); //=> false
```

```
deprecatedIds.includes('CC-BY-1.0'); //=> false
```

```
deprecatedIds.includes('GPL-3.0'); //=> true
```

...

```
License
```

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## Constant-time SSSE3 AES core implementation.

## version 0.1

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## By Mike Hamburg (Stanford University), 2009

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

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## 1.884 libassuan 2.5.1-3.el8

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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, whereas the latter must be combined with the library in order to



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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.

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(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.)

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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.)

Otherwise, if the work is a derivative of the Library, you may distribute the object

code for the work under the terms of Section 6.

Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine 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.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified 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

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- c) 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.
- d) 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.
- e) 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 materials to be 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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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:

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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.

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine 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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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified 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) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

^L

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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(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.)

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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.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.  
^L

6. As an exception to the Sections above, you may also combine 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.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever

changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified 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) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2)

will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) 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.

d) 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.

e) 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 materials to be 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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

^L

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Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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<one line to give the library's name and a brief idea of what it does.>

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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 school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990  
Ty Coon, President of Vice

That's all there is to it!  
This package was debianized by Jean Pierre LeJacq <jplejacq@quoininc.com> on Wed, 25 Feb 1998. Martin Pitt <martin@piware.de> was the package's maintainer up to version 2.7.19-1. The current maintainer is Jan Dittberner <jandd@debian.org>.

It was downloaded from <http://sourceforge.net/projects/cracklib>

Copyright (c) 1993 Alec Muffett <alecm@crypto.dircon.co.uk>,  
Copyright (c) 2005-2009 Nathan Neulinger <nneul@umr.edu>,  
Copyright (c) 2008-2009 Jan Dittberner <jan@dittberner.info>

Modifications: Added cronjob, configuration file, and man pages.

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Copyright information:

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett. Cracklib's license was changed from the GPL to the LGPL after consensus of all previous developers in October 2008, effective with release 2.8.15 released on 2009-11-19. See the email discussion below for both license changes.

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EFFECTIVE

OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)

-----

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=  
r=20

GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists  
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL... but at this point, it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.=20

-- Nathan

=20

-----  
Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:15 PM

> To: cracklib-devel@li...

> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing

> libraries under

> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists

> -mike

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan wrote:

> I understand that, and you're welcome to bring it up with Alec directly  
> and see if he wants to relicense his code as LGPL... but at this point,  
> it was enough to just get it consistent and documented as to what it was  
> released under. This wasn't actually a license change, just a  
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20  
GPL-2 ... it was a modified artistic license ... i didnt notice the license=  
=20  
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=  
eir=20  
applications are also GPL-2 which imo is just wrong. it isnt the place of =  
a=20  
library to dictact to application writes what license they should be using.=  
=20  
thus LGPL-2.1 enters to fill this void.  
=20  
=20mike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

Seems like the ideal thing here would be for you and the other distro  
maintainers to get together with Alec in a conversation and come to a  
decision as to what licensing scheme y'all want. I haven't really done  
much other than cleaning up the packaging and patches and a small bit of  
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan  
=20

-----  
Nathan Neulinger EMail: nneul@um...  
University of Missouri - Rolla Phone: (573) 341-6679  
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----  
> From: cracklib-devel-bounces@li...  
> [mailto:cracklib-devel-bounces@li...] On Behalf Of  
> Mike Frysinger  
> Sent: Monday, October 01, 2007 8:33 PM  
> To: Neulinger, Nathan  
>

Cc: cracklib-devel@li...; Alec Muffett

> Subject: Re: [Cracklib-devel] cracklib license  
>=>20  
> On Monday 01 October 2007, Neulinger, Nathan wrote:  
>> I understand that, and you're welcome to bring it up with Alec  
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>> and see if he wants to relicense his code as LGPL... but at this  
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the  
> place of a  
> library to dictact to application writes what license they should  
> be using.  
> thus LGPL-2.1 enters to fill this void.  
> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro  
> maintainers to get together with Alec in a conversation and come to a  
> decision as to what licensing scheme y'all want. I haven't really done  
> much other than cleaning up the packaging and patches and a small  
> bit of  
> additional code, so whatever licensing y'all come up with is fine  
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be  
linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would

like to see it under LGPL as well. I think it is in everyone's best interests to have as secure systems as possible, and I think tainting it via GPL will just make it less likely that the library gets used, and will not usually cause companies/developers to GPL the dependent code (where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>> Seems like the ideal thing here would be for you and the other distro  
>> maintainers to get together with Alec in a conversation and come to a  
>> decision as to what licensing scheme y'all want. I haven't really done  
>> much other than cleaning up the packaging and patches

and a small

>> bit of  
>> additional code, so whatever licensing y'all come up with is fine  
>> by me.

>

> I am sympathetic. Guys, what do you reckon?

>

> What I am hearing so far is that LGPL makes sense, since it can be  
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin



Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

On Monday 28 January 2008, Nalin Dahyabhai wrote:

> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>>> Seems like the ideal thing here would be for you and the other distro  
>>> maintainers to get together with Alec in a conversation and come to a  
>>> decision as to what licensing scheme y'all want. I haven't really done  
>>> much other than cleaning up the packaging and patches and a small  
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> GPL to use the library, too, which would be sufficient for the packages  
> which are included in Fedora. FWIW, I'd personally lean toward LGPL.

>

> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make  
the change now ?

-mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18

>> In any case, I thank you both for working on sorting this out.

>

> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make  
> the change now ?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license  
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message  
as HTML

On Sunday 05 October 2008, Alec Muffett wrote:

>>> In any case, I thank you both for working on sorting this out.  
>>  
>> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we  
>> make the change now ?  
>  
> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...  
-mike

-----  
BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.  
-----

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use  
nneul@neulinger.org.

-----  
From alecm@crypticide.com Mon Oct 1 12:26:03 2007  
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:03 -0500  
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:02 -0500  
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000  
Received: from smtp1.srv.mst.edu (131.151.1.43)

by scanin-ipv6.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000  
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])  
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtpr020623  
for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500  
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])  
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311  
for <nneul@neulinger.org>; Mon, 1 Oct  
2007 09:59:50 -0700 (PDT)  
Received: from [82.68.43.14] (helo=[192.168.1.3])  
by rutherford.zen.co.uk with esmtp (Exim 4.50)  
id 1IcOcX-0004Qt-6L  
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000  
Mime-Version: 1.0 (Apple Message framework v752.2)  
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
References: <1190922867.3457.147.camel@localhost.localdomain>  
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>  
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed  
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>  
Content-Transfer-Encoding: 7bit  
From: Alec Muffett <alecm@crypticide.com>  
Subject: Re: cracklib license  
Date: Mon, 1 Oct 2007 17:59:46 +0100  
To: Nathan Neulinger <nneul@neulinger.org>  
X-Mailer: Apple Mail (2.752.2)  
X-Originating-Rutherford-IP: [82.68.43.14]  
Return-Path: alecm@crypticide.com  
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]  
Status:  
RO  
Content-Length: 585  
Lines: 21

>  
> ----- Forwarded message -----  
> From: Neulinger, Nathan <nneul@umr.edu>  
> Date: Sep 27, 2007 2:58 PM  
> Subject: RE: cracklib license  
> To: alecm@crypto.dircon.co.uk  
>  
> Any chance you could write me a self-contained email stating clearly  
> that the license is being changed to GPL, so I could include that  
> email  
> in the repository and clean up the repository/tarballs? I have all the  
> original discussion, but something succinct and self contained  
> would be  
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

-----  
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected  
in released code until Nov 2009 - slow release cycle...)  
-----

Discussion thread from mailing list archive, with approval from everyone actively  
involved or holding original licensing rights included.

[Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde=  
r=20

GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists  
=2Dmike

Re: [Cracklib-devel] cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18

I understand that, and you're welcome to bring it up with Alec directly  
and see if he wants to relicense his code as LGPL... but at this point,  
it was enough to just get it consistent and documented as to what it was  
released under. This wasn't actually a license change, just a  
clarification of the licensing that was already in place.=20

-- Nathan

=20

-----  
Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----

> From: cracklib-devel-bounces@li...

> [mailto:cracklib-devel-bounces@li...] On Behalf Of

> Mike Frysinger

> Sent: Monday, October 01, 2007 8:15 PM

> To: cracklib-devel@li...

> Subject: [Cracklib-devel] cracklib license

>=20

> looks like 2.8.11 is out and marked as "GPL-2" ... releasing  
> libraries under  
> GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists  
> -mike

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML

On Monday 01 October 2007, Neulinger, Nathan

wrote:

> I understand that, and you're welcome to bring it up with Alec directly  
> and see if he wants to relicense his code as LGPL... but at this point,  
> it was enough to just get it consistent and documented as to what it was  
> released under. This wasn't actually a license change, just a  
> clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20  
GPL-2 ... it was a modified artistic license ... i didnt notice the license=  
=20  
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless th=  
eir=20  
applications are also GPL-2 which imo is just wrong. it isnt the place of =  
a=20  
library to dictact to application writes what license they should be using.=  
=20  
thus LGPL-2.1 enters to fill this void.  
=2Dmike

Re: [Cracklib-devel]

cracklib license

From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46

Seems like the ideal thing here would be for you and the other distro  
maintainers to get together with Alec in a conversation and come to a  
decision as to what licensing scheme y'all want. I haven't really done  
much other than cleaning up the packaging and patches and a small bit of  
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan  
=20

-----  
Nathan Neulinger EMail: nneul@um...

University of Missouri - Rolla Phone: (573) 341-6679

UMR Information Technology Fax: (573) 341-4216

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> From: cracklib-devel-bounces@li...  
> [mailto:cracklib-devel-bounces@li...] On Behalf Of  
> Mike Frysinger  
> Sent: Monday, October 01, 2007 8:33 PM  
> To: Neulinger, Nathan  
> Cc: cracklib-devel@li...; Alec Muffett  
> Subject: Re: [Cracklib-devel] cracklib license  
>=20  
> On Monday 01 October 2007, Neulinger, Nathan wrote:  
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>=20  
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> place of a  
> library  
to dictact to application writes what license they should  
> be using.  
> thus LGPL-2.1 enters to fill this void.  
> -mike

Re: [Cracklib-devel] cracklib license

From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57

> Seems like the ideal thing here would be for you and the other distro  
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> decision as to what licensing scheme y'all want. I haven't really done  
> much other than cleaning up the packaging and patches and a small  
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> additional code, so whatever licensing y'all come up with is fine  
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be linked with any code, not just GPL...

-a

Re: [Cracklib-devel] cracklib license

From: Devin Reade <gdr@gn...> - 2007-10-02 15:04

I would like to see it under LGPL as well. I think it is in everyone's

best interests to have as secure systems as possible, and I think tainting it via GPL will just make it less likely that the library gets used, and will not usually cause companies/developers to GPL the dependent code (where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct license in this situation.

Devin

--

If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license

From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32

On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:

>> Seems like the ideal thing here would be for you and the other distro  
>> maintainers to get together with Alec in a conversation and come to a  
>> decision as to what licensing scheme y'all want. I haven't really done  
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>> by me.

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> I am sympathetic. Guys, what do you reckon?

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> What I am hearing so far is that LGPL makes sense, since it can be  
> linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages

which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license

From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML

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Attachments: Message as HTML

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The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-----  
From

alecm@crypticide.com Mon Oct 1 12:26:03 2007  
Received: from umr-exproto2.cc.umn.edu ([131.151.0.192]) by UMR-CMAIL1.umn.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:03 -0500  
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umn.edu with Microsoft SMTPSVC(6.0.3790.3959);  
Mon, 1 Oct 2007 12:26:02 -0500  
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000  
Received: from smtp1.srv.mst.edu (131.151.1.43)  
by scanin-ipvs.cc.umn.edu with SMTP; 1 Oct 2007 16:59:55 -0000  
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])  
by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id 191Gxtpr020623  
for <nneul@umn.edu>; Mon, 1 Oct 2007 11:59:55 -0500  
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])  
by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311  
for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)  
Received: from  
[82.68.43.14] (helo=[192.168.1.3])  
by rutherford.zen.co.uk with esmtp (Exim 4.50)  
id 1IcOcX-0004Qt-6L  
for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000  
Mime-Version: 1.0 (Apple Message framework v752.2)  
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
References: <1190922867.3457.147.camel@localhost.localdomain>  
<EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umn.edu>  
<1b1b3fd80710010908k11dac0afp1f2dd471059ff9a4@mail.gmail.com>  
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed  
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFE6E9F@crypticide.com>  
Content-Transfer-Encoding: 7bit  
From: Alec Muffett <alecm@crypticide.com>  
Subject: Re: cracklib license  
Date: Mon, 1 Oct 2007 17:59:46 +0100  
To: Nathan Neulinger <nneul@neulinger.org>  
X-Mailer: Apple Mail (2.752.2)  
X-Originating-Rutherford-IP: [82.68.43.14]  
Return-Path: alecm@crypticide.com  
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]  
Status: RO  
Content-Length:  
585  
Lines: 21

>

> ----- Forwarded message -----

> From: Neulinger, Nathan <nneul@umn.edu>

> Date: Sep 27, 2007 2:58 PM

> Subject: RE: cracklib license

> To: alecm@crypto.dircon.co.uk

>  
> Any chance you could write me a self-contained email stating clearly  
> that the license is being changed to GPL, so I could include that  
> email  
> in the repository and clean up the repository/tarballs? I have all the  
> original discussion, but something succinct and self contained  
> would be  
> ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

# 1.890 mpfr 3.1.6-1.el8

## 1.890.1 Available under license :

@c MPFR tweak: Have this in mpfr.texi to help texinfo-mode

@c @node GNU Free Documentation License

@c @appendixsec GNU Free Documentation License

@cindex GNU Free Documentation License

@center Version 1.2, November 2002

@display

Copyright @copyright{ } 2000,2001,2002 Free Software Foundation, Inc.

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@end display

@enumerate 0

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## 1.891 libyaml 0.1.7-5.el8

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# 1.893 libpeas 1.22.0-6.el8

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```
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```

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# 1.896 nghttp2 1.33.0-3.el8\_2.1

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```
set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
set style fill solid border -1
```

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## 1.897 libpkit 0.23.20-1ubuntu0.1

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```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) 19yy <name of author>
```

```
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the Free Software Foundation; either version 1, or (at your option)
any later version.
```

```
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```

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```
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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.

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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
```

That's all there is to it!

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The

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# 1.899 websocket-servlet 9.4.18.v20190429

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# 1.904 kotlin 1.5.31-release-548

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zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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  - License: Apache 2 ([license/third\_party/closure-compiler\_LICENSE.txt][closure-compiler])
  - Origin: Google Closure Library, Copyright 2009 The Closure Library Authors
  
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- Path: compiler/tests-common/tests/org/jetbrains/kotlin/codegen/ir/ComposeLikeGenerationExtension.kt
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- Path: libraries/stdlib/wasm/src/kotlin/text/FloatingPointConverter.kt
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# 1.906 icu 70

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---

layout: default

title: Legalities

parent: Release & Milestone Tasks

grand\_parent: Contributors

nav\_order: 70

---

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`-nosvn -novc -noeclipse | xargs grep -i -L Copyright`

(See the `find_textfiles`

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See [svn changeset r39632](<https://github.com/unicode-org/icu/commit/0001f6c5e92f6f3a8d66c7dbc47cc24df7633a71>) for

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```
-makefile-
```

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```

```
Commands to generate dependency files
```

```
GEN_DEPS.c= $(CC) -E -MM $(DEFS) $(CPPFLAGS)
```

```
GEN_DEPS.cc= $(CXX) -E -MM $(DEFS) $(CPPFLAGS)
```

```
Flags for position independent code
```

```
SHAREDLIBCFLAGS = -fPIC
```

```
SHAREDLIBCXXFLAGS = -fPIC
```

```
SHAREDLIBCPPFLAGS = -DPIC
```

```
Additional flags when building libraries and with threads
```

```
THREADSCPPFLAGS = -D_REENTRANT
```

```
LIBCPPFLAGS =
```

```
Compiler switch to embed a runtime search path
```

```
LD_RPATH=
```

```
LD_RPATH_PRE= -Wl,-rpath,
```

```
Compiler switch to embed a library name
```

```
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))
```

```
Shared library options
```

```
LD_SOOPTIONS= -Wl,-Bsymbolic
```

```
Shared object suffix
```

```
SO = so
```

```
Non-shared intermediate object suffix
```

```
STATIC_O = ao
```

```

Compilation
rules
%. $(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%. $(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s^\($*\)\.o[:]*^1.o $@ : /g\" > $@; \
[-s $@] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s^\($*\)\.o[:]*^1.o $@ : /g\" > $@; \
[-s $@] || rm -f $@'

Versioned libraries rules

%. $(SO).$(SO_TARGET_VERSION)_MAJOR): %. $(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%. $(SO): %. $(SO).$(SO_TARGET_VERSION)_MAJOR
$(RM) $@ && ln -s ${*F}. $(SO).$(SO_TARGET_VERSION) $@

Bind internal references

LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

Dependencies [i.e. map files] for the final library
BIR_DEPS=

Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

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```

```

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jar/org/jetbrains/annotations/Nls.java

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- \* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/service/LabelService.java
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- \* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/client/GitHubRequest.java
- \* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/service/GitHubService.java
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- \* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/PullRequestMarker.java
- \* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/util/LabelComparator.java
- \* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/client/DateFormatter.java

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* /opt/cola/permits/1618784064_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-
jar/org/eclipse/egit/github/core/IResourceProvider.java
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\* 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 2.1, stripped to minimum feature set used by JGit.  
\*/

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\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/DownloadResource.java  
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\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-

jar/org/eclipse/egit/github/core/RepositoryHookResponse.java  
\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
jar/org/eclipse/egit/github/core/util/EncodingUtils.java  
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jar/org/eclipse/egit/github/core/Application.java  
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jar/org/eclipse/egit/github/core/client/GsonUtils.java  
\*  
/opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
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jar/org/eclipse/egit/github/core/Reference.java  
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jar/org/eclipse/egit/github/core/client/PageIterator.java  
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jar/org/eclipse/egit/github/core/Repository.java  
\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
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\*  
/opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
jar/org/eclipse/egit/github/core/Contributor.java  
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jar/org/eclipse/egit/github/core/service/TeamService.java  
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jar/org/eclipse/egit/github/core/RepositoryId.java  
\*  
/opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
jar/org/eclipse/egit/github/core/CommitFile.java  
\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
jar/org/eclipse/egit/github/core/Language.java  
\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
jar/org/eclipse/egit/github/core/service/WatcherService.java  
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/opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/event/DeletePayload.java

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\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/event/CreatePayload.java

\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/event/WatchPayload.java

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/opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/event/DownloadPayload.java

\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/event/GistPayload.java

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\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/event/PushPayload.java

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\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/event/MemberPayload.java

\*

/opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-jar/org/eclipse/egit/github/core/event/ForkApplyPayload.java

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jar/org/eclipse/egit/github/core/event/PullRequestPayload.java  
\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
jar/org/eclipse/egit/github/core/event/IssueCommentPayload.java  
\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
jar/org/eclipse/egit/github/core/event/ForkPayload.java  
\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
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jar/org/eclipse/egit/github/core/RepositoryContents.java  
\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
jar/org/eclipse/egit/github/core/RepositoryIssue.java  
\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
jar/org/eclipse/egit/github/core/SearchIssue.java  
\*  
/opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
jar/org/eclipse/egit/github/core/event/PullRequestReviewCommentPayload.java  
\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
jar/org/eclipse/egit/github/core/CommitStatus.java  
\* /opt/cola/permits/1618784064\_1686438027.9060879/0/org-eclipse-egit-github-core-2-1-5-sources-1-  
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## Constant-time SSSE3 AES core implementation.

## version 0.1

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## By Mike Hamburg (Stanford University), 2009

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

The following list of people, sorted by last name, have contributed code or patches to this implementation of sudo since I began maintaining it in 1993. This list is known to be incomplete--if you believe you should be listed, please send a note to [sudo@sudo.ws](mailto:sudo@sudo.ws).

Ackeret, Matt  
Adler, Mark  
Allbery, Russ  
Anderson, Jamie  
Andrew, Nick  
Andric, Dimitry  
Barron, Danny  
Bates, Tom  
Behan, Zdenk  
Bellis, Ray  
Benali, Elias  
Beverly, Jamie  
Boardman, Spider  
Bos, Sander  
Bostley, P.J.  
Bowes, Keith  
Boyce, Keith Garry  
Brantley, Michael  
Braun, Rob  
Bezina, Pavel  
Brooks, Piete  
Brown, Jerry  
Burr, Michael E  
Burton, Ross  
Bussjaeger, Andreas  
Calvin, Gary  
Campbell, Aaron  
Chazelas, Stephane  
Cheloha, Scott  
ek, Vtislav

Coleman, Chris  
Corzine, Deven T.  
Cusack, Frank  
Dai, Wei  
Dill, David  
Earickson, Jeff  
Eckhardt, Drew  
Edgington, Ben  
Esipovich, Marc  
Espie, Marc  
Faigon, Ariel  
Farrell, Brian  
Fobes, Steve  
Frysinger, Mike  
G., Daniel Richard  
Gailly, Jean-loup  
Gelman, Stephen  
Gerraty, Simon J.  
Graber, Stephane  
Guillory, B.  
Hayman, Randy M.  
Henke, Joachim  
Hideaki, Yoshifuji  
Hieb, Dave  
Holloway, Nick  
Hoover, Adam  
Hunter, Michael T.  
Hutchings, Ben  
Irrgang, Eric  
Jackson, Brian  
Jackson, John R.  
Jackson, Richard L., Jr.  
Janssen, Mark  
Jepeway, Chris  
Jorge, Joel Pele  
Jover, Guillem  
Juhani, Timo  
Kikuchi, Ayamura  
Kadow, Kevin  
Kasal, Stepan  
Kienenberger, Mike  
King, Dale  
King, Michael  
Klyachkin, Andrey  
Knoble, Jim  
Knox, Tim  
Komarnitsky, Alek O.  
Kondrashov, Nikolai

Kopeek, Daniel  
Kranenburg, Paul  
Krause, David  
Lakin, Eric  
Larsen, Case  
Levin, Dmitry V.  
Libby, Kendall  
Lobbes, Phillip E.  
McIntyre, Jason  
MacKenzie, David J.  
McLaughlin, Tom  
Makey, Jeff  
Mallayya, Sangamesh  
Marchionna, Michael D.  
Markham, Paul  
Martinian, Emin  
Meskes, Michael  
Michael, David  
Miller, Todd C.  
Minier, Loc  
Moffat, Darren  
Moldung, Jan Thomas  
Morris, Charles  
Mueller, Andreas  
Mller, Dworkin  
Nieuwsma, Jeff  
Nikitser, Peter A.  
Nussel, Ludwig  
Ouellet, Jean-Philippe  
Paquet, Eric  
Paradis, Chantal  
Pasteleurs, Frederic  
Percival, Ted  
Perera, Andres  
Peron, Christian S.J.  
Peschel, Aaron  
Peslyak, Alexander  
Peterson, Toby  
Petten, Diego Elio  
Pickett, Joel  
Plotnick, Alex  
de Raadt, Theo  
Rasch, Gudleik  
Reid, Steve  
Richards, Matt  
Rossum, Guido van  
Rouillard, John P.  
Rowe, William A., Jr.

Roy, Alain  
Ruusame, Elan  
Ryabinkin, Eygene  
Sato, Yuichi  
Snchez, Wilfredo  
Sanders, Miguel  
Sasaki, Kan  
Saucier, Jean-Francois  
Schoenfeld, Patrick  
Schuring, Arno  
Schwarze, Ingo  
Scott, Dougal  
Sieger, Nick  
Simon, Thor Lancelot  
Slemko, Marc  
Smith, Andy  
Sobrado, Igor  
Soulen, Steven  
Spangler, Aaron  
Spradling, Cloyce D.  
Spradling, Michael  
Stier, Matthew  
Stoeckmann, Tobias  
Street, Russell  
Stritzky, Tilo  
Stroucken, Michael  
Tarrall, Robert  
Thomas, Matthew  
Todd, Giles  
Toft, Martin  
Torek, Chris  
Tucker, Darren  
Uhl, Robert  
Uzel, Petr  
Valery, Reznic  
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Venckus, Martynas  
de Vries, Maarten  
Wagner, Klaus  
Walsh, Dan  
Warburton, John  
Webb, Kirk  
Wetzel, Timm  
Wieringen, Marco van  
Wilk, Jakub  
Winiger, Gary  
Wood, David  
Zacarias, Gustavo

Zolnowsky, John

The following people have worked to translate sudo into other languages as part of the Translation Project, see <https://translationproject.org> for more details.

Albuquerque, Pedro  
Blttermann, Mario  
Bogusz, Jakub  
Buo-ren, Lin  
Casagrande, Milo  
Castro, Felipe  
Cho, Seong-ho  
Chornoivan, Yuri  
Diguez,  
Francisco  
Fontenelle, Rafael  
Garca-Fontes, Walter  
Gezer, Volkan  
Hamasaki, Takeshi  
Hamming, Peter  
Hansen, Joe  
Hantrais, Frdric  
Hein, Jochen  
Hufthammer, Karl Ove  
Jerovek, Damir  
Karvonen, Jorma  
Kazik, Duan  
Kelemen, Gbor  
Keeci, Mehmet  
Koir, Klemen  
Kozlov, Yuri  
Kramer, Jakob  
Krznar, Tomislav  
Marchal, Frdric  
Margeviius, Algimantas  
Maryanov, Pavel  
Nikoli, Miroslav  
Nylander, Daniel  
Psa, Petr  
Puente, Enol  
Putanec, Boidar  
Qun, Trn Ngc  
Rasmussen, Sebastian  
Regueiro, Leandro  
Sarar, zgr  
Sendn, Abel  
Sikrom, ka

Spingos, Dimitris  
Taniguchi, Yasuaki  
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|                | GL/ glxext.h          | Khronos        |
|                | GL/ wglxext.h         | Khronos        |
|                | KHR/ khrplatform.h    | Khronos        |

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include/GL/gl.h :

Mesa 3-D  
graphics library

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```
include/GL/glext.h
include/GL/glxext.h
include/GL/wglxext.h :
```

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```
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```



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## The Unicode Standard, Unicode Character Database, Version 10.0.0

### Unicode Character Database

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xwd v1.0.7

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Mesa 3-D  
graphics library

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include/GL/glxext.h  
include/GL/wglxext.h :

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```
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## 1.920 jsr305 3.0.2

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```
/*
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Found in path(s):

```
* /opt/cola/permits/1656638364_1682593601.2844107/0/jsr305-3-0-2-sources-9-
jar/javax/annotation/concurrent/ThreadSafe.java
* /opt/cola/permits/1656638364_1682593601.2844107/0/jsr305-3-0-2-sources-9-
jar/javax/annotation/concurrent/NotThreadSafe.java
* /opt/cola/permits/1656638364_1682593601.2844107/0/jsr305-3-0-2-sources-9-
jar/javax/annotation/concurrent/Immutable.java
* /opt/cola/permits/1656638364_1682593601.2844107/0/jsr305-3-0-2-sources-9-
jar/javax/annotation/concurrent/GuardedBy.java
```

# 1.921 free-type 2.10.1-2ubuntu0.3

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2006-Jan-27

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#

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#

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/gzip/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/ftandom/ftandom.c
#
#
EOF
```

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# 1.923 tar 1.30-9.el8

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```
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## 1.924 rpm 4.14.3-26.el8

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(Executables containing this object code plus portions of the Library will still fall under Section 6.)

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It may happen that this requirement contradicts the license



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That's all there is to it!

## 1.925 coreutils 8.30-15.el8

### 1.925.1 Available under license :

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The

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"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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(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.)

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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.

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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.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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- b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
- c) 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.
- d) 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.
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@c Set file name and title for man page.

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@settitle GNU General Public License

@c man begin SEEALSO

gfdl(7), fsf-funding(7).

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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

@heading TERMS AND CONDITIONS

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``Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

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@item Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A

``Major Component'', in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

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You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

@enumerate a

@item

The work must carry prominent notices stating that you modified it, and giving a relevant date.

@item

The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to ``keep intact all notices".

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You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

@enumerate

a

@item

Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

@item

Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

@item

Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

@item

Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

@item

Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

@end enumerate

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A ``User Product'' is either (1) a ``consumer product'', which means any tangible personal property which is normally used for personal,



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Version 3.1, 31 March 2009

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```
winsup\testsuite\winsup.api\msgtest.c
winsup\testsuite\winsup.api\semtest.c
winsup\testsuite\winsup.api\shmttest.c
```

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```
winsup\cygserver\sysv_shm.cc
```

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@page

@appendixsubsec How to Apply These Terms to Your New Libraries

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@smallexample

@var{one line to give the library's name and an idea of what it does.}

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@end smallexample

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 school, if any, to sign a ``copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

@smallexample

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

@var{signature of Ty Coon}, 1 April 1990

Ty Coon, President of Vice

@end smallexample

That's all there is to it!

## 1.928 curl 7.61.1-30.el8\_8.2

## 1.928.1 Available under license :

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License Mixing

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libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](<https://www.gnu.org/licenses/gpl.html>) licensed code is not allowed to be linked with code licensed under the [Original BSD license](<https://spdx.org/licenses/BSD-4-Clause.html>) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](<https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs>). This particular problem was addressed when the [Modified BSD license](<https://opensource.org/licenses/BSD-3-Clause>) was created, which does not have the announcement clause that collides with GPL.



## ## libcurl

Uses an [MIT style license](<https://curl.haxx.se/docs/copyright.html>) that is very liberal.

## ## OpenSSL

(May be used for SSL/TLS support) Uses an Original BSD-style license with an announcement clause that makes it "incompatible" with GPL. You are not allowed to ship binaries that link with OpenSSL that includes GPL code (unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using another TLS library.

## ## GnuTLS

(May be used for SSL/TLS support) Uses the [LGPL](<https://www.gnu.org/licenses/lgpl.html>) license. If this is a problem for you, consider using another TLS library. Also note that GnuTLS itself depends on and uses other libs (libgcrypt and libgpg-error) and they too are LGPL- or GPL-licensed.

## ## WolfSSL

(May be used for SSL/TLS support) Uses the GPL license or a proprietary license. If this is a problem for you, consider using another TLS library.

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## ## mbedTLS

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##  
BoringSSL

(May be used for SSL/TLS support) As an OpenSSL fork, it has the same license as that.

## libressl

(May be used for SSL/TLS support) As an OpenSSL fork, it has the same license as that.

## c-ares

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

## zlib

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

## MIT Kerberos

(May be used for GSS support) MIT licensed, that shouldn't collide with any other parts.

## Heimdal

(May be used for GSS support) Heimdal is Original BSD licensed with the announcement clause.

## GNU GSS

(May be used for GSS support) GNU GSS is GPL licensed. Note that you may not distribute binary curl packages that uses this if you build curl to also link and use any Original BSD licensed libraries!

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addresses.

## OpenLDAP

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

## libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

## 1.929 pam 1.3.1-25.el8

### 1.929.1 Available under license :

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```
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```

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\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/events/DocumentEndEvent.java

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\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/parser/ParserException.java

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\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/composer/Composer.java

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jar/org/yaml/snakeyaml/events/AliasEvent.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/reader/StreamReader.java

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\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/composer/ComposerException.java

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\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/scanner/Constant.java

\*

/opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/emitter/EmitterException.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/events/CollectionEndEvent.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/tokens/ScalarToken.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/introspector/BeanAccess.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/tokens/TagToken.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/events/DocumentStartEvent.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/TypeDescription.java

\*

/opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/serializer/Serializer.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-

```

jar/org/yaml/snakeyaml/extensions/compactnotation/PackageCompactConstructor.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/scanner/ScannerException.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/tokens/StreamEndToken.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/introspector/FieldProperty.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/tokens/KeyToken.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/events/MappingStartEvent.java
*
/opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/resolver/ResolverTuple.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/introspector/MissingProperty.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/tokens/BlockSequenceStartToken.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/tokens/FlowEntryToken.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/scanner/ScannerImpl.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/tokens/FlowSequenceStartToken.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/comments/CommentLine.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/tokens/TagTuple.java
*
/opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/tokens/FlowSequenceEndToken.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/nodes/NodeId.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/tokens/BlockMappingStartToken.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/introspector/GenericProperty.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/nodes/Tag.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/reader/ReaderException.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/constructor/AbstractConstruct.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/tokens/AnchorToken.java
*
/opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/constructor/CustomClassLoaderConstructor.java

```

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/tokens/FlowMappingStartToken.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/introspector/MethodProperty.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/tokens/ValueToken.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/Yaml.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/resolver/Resolver.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/constructor/SafeConstructor.java

\*

/opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/util/ArrayStack.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/util/EnumUtils.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/LoaderOptions.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/representer/Represent.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/constructor/Constructor.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/nodes/Node.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/reader/UnicodeReader.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/error/MarkedYAMLException.java

\*

/opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/scanner/SimpleKey.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/events/CommentEvent.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/tokens/AliasToken.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/events/MappingEndEvent.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/serializer/SerializerException.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactConstructor.java

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/tokens/CommentToken.java

\*

```
/opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/parser/Parser.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/error/Mark.java
No license file was found, but licenses were detected in source scan.
```

```
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express
* or implied. See the License for the specific language governing permissions and limitations under
* the License.
*/
```

Found in path(s):

```
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/Escaper.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java
* /opt/cola/permits/1680024956_1684399717.1985579/0/snakeyaml-1-33-sources-6-
jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java
No license file was found, but licenses were detected in source scan.
```

```
// This module is multi-licensed and may be used under the terms
// EPL, Eclipse Public License, V1.0 or later, http://www.eclipse.org/legal
// LGPL, GNU Lesser General Public License, V2.1 or later, http://www.gnu.org/licenses/lgpl.html
// GPL, GNU General Public License, V2 or later, http://www.gnu.org/licenses/gpl.html
// AL, Apache License, V2.0 or later, http://www.apache.org/licenses
// BSD, BSD License, http://www.opensource.org/licenses/bsd-license.php
/**
* A Base64 encoder/decoder.
*
* <p>
* This class is used to encode and decode data in Base64 format as described in RFC 1521.
*
* <p>
* Project home page: www.
* source-code.biz/base64coder/java

* Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland

* Multi-licensed: EPL / LGPL / GPL / AL / BSD.
*/
```

Found in path(s):

\* /opt/cola/permits/1680024956\_1684399717.1985579/0/snakeyaml-1-33-sources-6-jar/org/yaml/snakeyaml/external/biz/base64Coder/Base64Coder.java

## 1.931 libxml2 2.9.7-16.el8

### 1.931.1 Available under license :

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## 1.932 libncurses 6.2-0ubuntu2.1

### 1.932.1 Available under license :

Upstream source <https://invisible-island.net/ncurses/ncurses-examples.html>

Current ncurses maintainer: Thomas Dickey <[dickey@invisible-island.net](mailto:dickey@invisible-island.net)>

-----  
Files: \*

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Files: aclocal.m4 package

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-----  
Files: install-sh

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This script is compatible with the BSD install script, but was written from scratch. It can only install one file at a time, a restriction shared with many OS's install programs.

On Debian systems, the complete text of the GNU General Public License can be found in '/usr/share/common-licenses/GPL-2'

-- vile: txtmode file-encoding=utf-8  
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-- vile:txtmode fc=72

-- \$Id: COPYING,v 1.9 2020/02/08 13:34:12 tom Exp \$

# 1.933 util-linux 2.32.1-42.el8\_8

## 1.933.1 Available under license :

```
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;*!;_>KfBqxY(F|0.Ve%S61opMG`YfRXx+sS|11np#_(~*'uM%S61opMG`YfRXvY[R+t[BS=)d
;*!;_>KfBqxY(F|0.Ve%S61opMG`YfRXvY[R+t[BS=)d ;*!;_>KfBqxY(F|0.Ve%Q?f_{+T@Uo)2fgYZ
```

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Version 2, June 1991

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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.

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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.)

Otherwise, if the work is a derivative of the Library, you may distribute the

object code for the work under the terms of Section 6.

Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine 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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a) Accompany

the work with the complete corresponding

machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified 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) Use a suitable shared library mechanism for linking with the

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properly with a modified version of the library, if

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specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) 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.

e) 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 materials to be 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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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(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.)

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These requirements apply to the modified work as a whole. If identifiable sections

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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.

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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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# 1.944 librasm 0.0.3-5.el8

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# 1.945 elfutils 0.188-3.el8

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\paperw11900\paperh16840\margl1440\margr1440\vieww10800\viewh8400\viewkind0
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```

```

-->\
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-
v4_0_0.xsd">\
<modelVersion>4.0.0</modelVersion>\
<parent>\
<groupId>org.glassfish.hk2</groupId>\
<artifactId>external</artifactId>\
<version>2.6.1</version>\
</parent>\
<groupId>org.glassfish.hk2.external</groupId>\
<artifactId>aopalliance-repackaged</artifactId>\
<name>\
aopalliance version ${aopalliance.version} repackaged as a module\
</name>\
<build>\
<plugins>\
<plugin>\
<groupId>org.apache.maven.plugins</groupId>\
<artifactId>maven-dependency-plugin</artifactId>\
<executions>\
<execution>\
<id>step1-unpack-sources</id>\
<phase>process-sources</phase>\
<goals>\
<goal>unpack</goal>\
</goals>\
<configuration>\
<artifactItems>\
<artifactItem>\
<groupId>aopalliance</groupId>\
<artifactId>aopalliance</artifactId>\
<version>${aopalliance.version}</version>\
<classifier>sources</classifier>\
<overwrite>>false</overwrite>\
<outputDirectory>${project.build.directory}/alternateLocation</outputDirectory>\
</artifactItem>\
</artifactItems>\
</configuration>\
</execution>\
</executions>\
</plugin>\
<plugin>\
<groupId>org.codehaus.mojo</groupId>\
<artifactId>build-helper-maven-plugin</artifactId>\
<executions>\
<execution>\
<id>step2-add-sources</id>\

```

```

<phase>process-sources</phase>
<goals>
<goal>add-source</goal>
</goals>
<configuration>
<sources>
<source>${project.build.directory}/alternateLocation</source>
</sources>
</configuration>
</execution>
</executions>
</plugin>
<plugin>
<groupId>org.apache.felix</groupId>
<artifactId>maven-bundle-plugin</artifactId>
<configuration>
<instructions>
<Embed-Dependency>'a0*;scope=compile;inline=true'a0</Embed-Dependency>
<!--

```

We set a mandatory attribute for these packages, because we don't want them to be visible to just anyone. An importer must specify the mandatory attribute for it to be able to import. See section #3.6.5 of OSGi R4 spec.

Why is this required?

See [https://glassfish.dev.java.net/issues/show\\_bug.cgi?id=5385](https://glassfish.dev.java.net/issues/show_bug.cgi?id=5385)

By doing this, we allow user have any version of apache-commons lib in their application class loader hierarchy. They don't even have to set delegation=false in sun-web.xml! This is the true advantage of using OSGi.

Sahoo.

```

-->
<Export-Package>org.aopalliance.*;version=${aopalliance.version}</Export-Package>
<Private-Package>!*</Private-Package>
</instructions>
</configuration>
<executions>
<execution>
<id>osgi-manifest</id>
<phase>process-classes</phase>
<goals>
<goal>manifest</goal>
</goals>
</execution>
</executions>
</plugin>
</plugins>
</build>

```



```
<dependencies>\
<dependency>\
<groupId>aopalliance</groupId>\
<artifactId>aopalliance</artifactId>\
<version>${aopalliance.version}</version>\
<optional>>true</optional>\
</dependency>\
</dependencies>\
</project>\
}
```

Found in path(s):

\* /opt/cola/permits/1688041658\_1684928894.4895442/0/aopalliance-2-6-1-zip/aopalliance-2.6.1.rtf

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## 1.951 libssl 1.1.1f-1ubuntu2.19

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?MAKE:d\_trunc: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_trunc:

?S: This variable conditionally defines the HAS\_TRUNC symbol, which

?S: indicates to the C program that the trunc() routine is available

?S: to round doubles towards zero.

?S:.

?C:HAS\_TRUNC:

?C: This symbol, if defined, indicates that the trunc routine is

?C: available to round doubles towards zero.

?C:.

?H:#\$d\_trunc HAS\_TRUNC /\*\*/

?H:.

?LINT:set d\_trunc

: see if trunc exists

set trunc d\_trunc

eval \$inlibc

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?MAKE:d\_towlower: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_towlower:

?S: This variable conditionally defines the HAS\_TOWLOWER symbol, which

?S: indicates to the C program that the towlower() routine is available.

?S:.

?C:HAS\_TOWLOWER:

?C: This symbol, if defined, indicates that the towlower () routine is

?C: available to do case conversion.

?C:.

?H:#\$d\_towlower HAS\_TOWLOWER /\*\*/

?H:.

?LINT:set d\_towlower

: see if towlower exists

set towlower d\_towlower

eval \$inlibc

Found in path(s):

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?MAKE:d\_aintl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_aintl:

?S: This variable conditionally defines the HAS\_AINTL symbol, which

?S: indicates to the C program that the aintl() routine is available.

?S: If copysignl is also present we can emulate modfl.

?S:.

?C:HAS\_AINTL:

?C: This symbol, if defined, indicates that the aintl routine is

?C: available. If copysignl is also present we can emulate modfl.

?C:.

?H:#\$d\_aintl HAS\_AINTL /\*\*/

?H:.

?LINT:set d\_aintl

: see if aintl exists

set aintl d\_aintl

eval \$inlibc

Found in path(s):

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?RCS: \$Id: Null.U 1 2006-08-24 12:32:52Z rmanfredi \$

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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: Null.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:05:10 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?X:  
?X: This unit ends up producing shell code to set all variables to ". This  
?X: probably isn't necessary, but I'm paranoid. About certain things.  
?X:  
?MAKE:Null: Head  
?MAKE: -pick add.Null \$@ %<

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\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Null.U

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?MAKE:d\_exp2: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_exp2:  
?S: This variable conditionally defines the HAS\_EXP2 symbol, which  
?S: indicates to the C program that the exp2() routine is available.  
?S:  
?C:HAS\_EXP2:  
?C: This symbol, if defined, indicates that the exp2 routine is  
?C: available to do the 2\*\*x function.  
?C:  
?H:#\$d\_exp2 HAS\_EXP2 /\*\*/  
?H:  
?LINT:set d\_exp2  
: see if exp2 exists  
set exp2 d\_exp2  
eval \$inlibc

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?MAKE:d\_lrint: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_lrint:

?S: This variable conditionally defines the HAS\_LRINT symbol, which

?S: indicates to the C program that the lrint() routine is available

?S: to return the integral value closest to a double (according

?S: to the current rounding mode).

?S:.

?C:HAS\_LRINT:

?C: This symbol, if defined, indicates that the lrint routine is

?C: available to return the integral value closest to a double

?C: (according to the current rounding mode).

?C:.

?H:#\$d\_lrint HAS\_LRINT /\*\*/

?H:.

?LINT:set d\_lrint

: see if lrint exists

set lrint d\_lrint

eval \$inlibc

Found in path(s):

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?RCS:

?MAKE:d\_inetntop: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_inetntop:

?S: This variable conditionally defines the HAS\_INETNTOP symbol,

?S: which indicates to the C program that the inet\_ntop() function

?S: is available.

?S:.

?C:HAS\_INETNTOP:

?C: This symbol, if defined, indicates that the inet\_ntop() function

?C: is available to parse IPv4 and IPv6 strings.

?C:.

?H:#\$d\_inetntop HAS\_INETNTOP /\*\*/

?H:.

?LINT:set d\_inetntop

```
: see if inet_ntop exists
set inet_ntop d_inetntop
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_inetntop.U
```

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?RCS:
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```

```
?RCS:
```

```
?MAKE:d_isfinitel: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_isfinitel:
```

```
?S: This variable conditionally defines the HAS_ISFINITEL symbol, which
```

```
?S: indicates to the C program that the isfinitel() routine is available.
```

```
?S:.
```

```
?C:HAS_ISFINITEL:
```

```
?C: This symbol, if defined, indicates that the isfinitel routine is
```

```
?C: available to check whether a long double is finite.
```

```
?C: (non-infinity non-NaN).
```

```
?C:.
```

```
?H:#$d_isfinitel HAS_ISFINITEL /**/
```

```
?H:.
```

```
?LINT:set d_isfinitel
```

```
: see if isfinitel exists
```

```
set isfinitel d_isfinitel
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_isfinitel.U
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```
?RCS:
```

```
?MAKE:d_llround: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_llround:
```

```
?S: This variable conditionally defines the HAS_LLROUND symbol, which
```

```
?S: indicates to the C program that the llround() routine is available
```

```
?S: to return the long long value nearest to x.
```



?S:  
?C:HAS\_LLROUND:  
?C: This symbol, if defined, indicates that the llround routine is  
?C: available to return the nearest long long value.

?C:.  
?H:#\$d\_llround HAS\_LLROUND /\*\*/  
?H:.  
?LINT:set d\_llround  
: see if llround exists  
set llround d\_llround  
eval \$inlibc

Found in path(s):

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?RCS:  
?MAKE:d\_erf: Inlibc  
?MAKE: -pick add \$@ %<

?S:d\_erf:  
?S: This variable conditionally defines the HAS\_ERF symbol, which  
?S: indicates to the C program that the erf() routine is available.

?S:.  
?C:HAS\_ERF:  
?C: This symbol, if defined, indicates that the erf routine is  
?C: available to do the error function.

?C:.  
?H:#\$d\_erf HAS\_ERF /\*\*/  
?H:.  
?LINT:set d\_erf  
: see if erf exists  
set erf d\_erf  
eval \$inlibc

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?RCS:  
?MAKE:i\_socks: Inhdr Hasfield  
?MAKE: -pick add \$@ %<  
?S:i\_socks:  
?S: This variable conditionally defines the I\_SOCKS symbol, and indicates  
?S: whether a C program should include <socks.h>.  
?S:.  
?C:I\_SOCKS:  
?C: This symbol, if defined, indicates that <socks.h> exists and  
?C: should be included.  
?C:.  
?H:#\$i\_socks I\_SOCKS /\*\*/  
?H:.  
?LINT:set i\_socks  
: see if this is a socks.h system  
set socks.h i\_socks  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_socks.U

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?RCS:

?MAKE:d\_erfc: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_erfc:

?S: This variable conditionally defines the HAS\_ERFC symbol, which

?S: indicates to the C program that the erfc() routine is available.

?S:.

?C:HAS\_ERFC:

?C: This symbol, if defined, indicates that the erfc routine is

?C: available to do the complementary error function.

?C:.

?H:#\$d\_erfc HAS\_ERFC /\*\*/  
?H:.

?LINT:set d\_erfc

: see if erfc exists

set erfc d\_erfc

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_erfc.U

No license file was found, but licenses were detected in source scan.

```
?RCS: Id
?RCS:
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?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_getfsstat : Inlibc
?MAKE: -pick add $@ %<
?S:d_getfsstat:
?S: This variable conditionally defines the HAS_GETFSSTAT symbol, which
?S: indicates to the C program that the getfsstat() routine is available.
?S:.
?C:HAS_GETFSSTAT:
?C: This symbol, if defined, indicates that the getfsstat routine is
?C: available to stat filesystems in bulk.
?C:.
?H:#$d_getfsstat HAS_GETFSSTAT /**/
?H:.
?LINT:set d_getfsstat
: see if getfsstat exists
set getfsstat d_getfsstat
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_getfsstat.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fma: Inlibc
?MAKE: -pick add $@ %<
?S:d_fma:
?S: This variable conditionally defines the HAS_FMA symbol, which
?S: indicates to the C program that the fma() routine is available.
?S:.
?C:HAS_FMA:
?C: This symbol, if defined, indicates that the fma routine is
?C: available to do the multiply-add function.
?C:.
?H:#$d_fma HAS_FMA /**/
?H:.
?LINT:set d_fma
: see if fma exists
set fma d_fma
eval $inlibc
```

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fma.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_finite: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_finite:

?S: This variable conditionally defines the HAS\_FINITE symbol, which

?S: indicates to the C program that the finite() routine is available.

?S:.

?C:HAS\_FINITE:

?C: This symbol, if defined, indicates that the finite routine is

?C: available to check whether a double is finite (non-infinity non-NaN).

?C:.

?H:#\$d\_finite HAS\_FINITE /\*\*/

?H:.

?LINT:set d\_finite

: see if finite exists

set finite d\_finite

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_finite.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_bfd.U,v \$

?RCS:

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?RCS:

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?RCS:

?MAKE:i\_bfd: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_bfd:

?S: This variable conditionally defines the I\_BFD symbol, and

?S: indicates whether a C program can include <bfd.h>.

?S:.

?C:I\_BFD:  
?C: This symbol, if defined, indicates that <bfd.h> exists and  
?C: can be included.  
?C:.  
?H:#\$i\_bfd I\_BFD /\*\*/  
?H:.  
?LINT:set i\_bfd  
: see if this is a bfd.h system  
set bfd.h i\_bfd  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_bfd.U

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?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_qgcvt: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_qgcvt:  
?S: This variable conditionally defines the HAS\_QGCVT symbol, which  
?S: indicates to the C program that the qgcvt() routine is available.  
?S:.  
?C:HAS\_QGCVT:  
?C: This symbol, if defined, indicates that the qgcvt routine is  
?C: available to convert long doubles ("quad doubles") to strings.  
?C: This is a low-level routine hopefully faster than sprintf.  
?C:.  
?H:#\$d\_qgcvt HAS\_QGCVT /\*\*/  
?H:.  
?LINT:set d\_qgcvt  
: see if qgcvt exists  
set qgcvt d\_qgcvt  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_qgcvt.U

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?RCS:

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?RCS:

?MAKE:d\_strtoq: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_strtoq:

?S: This variable conditionally defines the HAS\_STRTOQ symbol, which

?S: indicates to the C program that the strtq() routine is available.

?S:.

?C:HAS\_STRTOQ:

?C: This symbol, if defined, indicates that the strtq routine is

?C: available to convert strings to long longs (quads).

?C:.

?H:#\$d\_strtoq HAS\_STRTOQ /\*\*/

?H:.

?LINT:set d\_strtoq

: see if strtq exists

set strtq d\_strtoq

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_strtoq.U

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?RCS:

?MAKE:d\_remainder: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_remainder:

?S: This variable conditionally defines the HAS\_REMAINDER symbol, which

?S: indicates to the C program that the remainder() routine is available.

?S:.

?C:HAS\_REMAINDER:

?C: This symbol, if defined, indicates that the remainder routine is

?C: available to return the floating-point remainder.

?C:.

?H:#\$d\_remainder HAS\_REMAINDER /\*\*/

?H:.

?LINT:set d\_remainder

: see if remainder exists

set remainder d\_remainder

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_remainder.U

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?RCS:

?MAKE:d\_logb: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_logb:

?S: This variable conditionally defines the HAS\_LOGB symbol, which

?S: indicates to the C program that the logb() routine is available

?S: to extract the exponent of x.

?S:.

?C:HAS\_LOGB:

?C: This symbol, if defined, indicates that the logb routine is

?C: available to do the logb function.

?C:.

?H:#\$d\_logb HAS\_LOGB /\*\*/

?H:.

?LINT:set d\_logb

: see if logb exists

set logb d\_logb

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_logb.U

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?RCS:

?MAKE:d\_llroundl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_llroundl:

?S: This variable conditionally defines the HAS\_LLROUNDL symbol, which

?S: indicates to the C program that the llroundl() routine is available

?S: to return the long long value nearest to x away from zero.

?S:.

?C:HAS\_LLROUNDL:

?C: This symbol, if defined, indicates that the llroundl routine is

?C: available to return the nearest long long value away from zero of

?C: the long double argument value.

?C:.

?H:#\$d\_llroundl HAS\_LLROUNDL /\*\*/

?H:.

?LINT:set d\_llroundl

```
: see if llroundl exists
set llroundl d_llroundl
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_llroundl.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: Id
```

```
?RCS:
```

```
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_strtod_l: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_strtod_l:
```

```
?S: This variable conditionally defines the HAS_STRTOD_L symbol, which
```

```
?S: indicates to the C program that the strtod_l() routine is available.
```

```
?S:.
```

```
?C:HAS_STRTOD_L:
```

```
?C: This symbol, if defined, indicates that the strtod_l routine is
```

```
?C: available to convert strings to long doubles.
```

```
?C:.
```

```
?H:#$d_strtod_l HAS_STRTOD_L /**/
```

```
?H:.
```

```
?LINT:set d_strtod_l
```

```
: see if strtod_l exists
```

```
set strtod_l d_strtod_l
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d_strtod_l.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: Id
```

```
?RCS:
```

```
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_strtold_l: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_strtold_l:
```



?S: This variable conditionally defines the HAS\_STRTOLD\_L symbol, which

?S: indicates to the C program that the strtold\_l() routine is available.

?S:.

?C:HAS\_STRTOLD\_L:

?C: This symbol, if defined, indicates that the strtold\_l routine is

?C: available to convert strings to long doubles.

?C:.

?H:#\$d\_strtold\_l HAS\_STRTOLD\_L /\*\*/

?H:.

?LINT:set d\_strtold\_l

: see if strtold\_l exists

set strtold\_l d\_strtold\_l

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_strtold\_l.U

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?RCS:

?MAKE:d\_truncl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_truncl:

?S: This variable conditionally defines the HAS\_TRUNCL symbol, which

?S: indicates to the C program that the truncl() routine is available

?S: to round long doubles towards zero. If copysignl is also present,

?S: we can emulate modfl.

?S:.

?C:HAS\_TRUNCL :

?C: This symbol, if defined, indicates that the truncl routine is

?C: available. If copysignl is also present we can emulate modfl.

?C:.

?H:#\$d\_truncl HAS\_TRUNCL /\*\*/

?H:.

?LINT:set d\_truncl

: see if truncl exists

set truncl d\_truncl

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_truncl.U

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?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d\_unordered: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_unordered:

?S: This variable conditionally defines the HAS\_UNORDERED symbol, which

?S: indicates to the C program that the unordered() routine is available.

?S:.

?C:HAS\_UNORDERED:

?C: This symbol, if defined, indicates that the unordered routine is

?C: available to check whether two doubles are unordered

?C: (effectively: whether either of them is NaN)

?C:.

?H:#\$d\_unordered HAS\_UNORDERED /\*\*/

?H:.

?LINT:set d\_unordered

: see if unordered exists

set unordered d\_unordered

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_unordered.U

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?RCS:

?MAKE:d\_nextafter: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_nextafter:

?S: This variable conditionally defines HAS\_NEXTAFTER if nextafter()

?S: is available to return the next machine representable double from

?S: x in direction y.

?S:.

?C:HAS\_NEXTAFTER:

?C: This symbol, if defined, indicates that the nextafter routine is

?C: available to return the next machine representable double from

?C: x in direction y.

?C:.

?H:#\$d\_nextafter HAS\_NEXTAFTER /\*\*/

?H:.

?LINT:set d\_nextafter

: see if nextafter exists

set nextafter d\_nextafter

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_nextafter.U

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?RCS:

?MAKE:d\_asinh: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_asinh:

?S: This variable conditionally defines the HAS\_ASINH symbol, which

?S: indicates to the C program that the asinh() routine is available.

?S:.

?C:HAS\_ASINH:

?C: This symbol, if defined, indicates that the asinh routine is

?C: available to do the inverse hyperbolic sine function.

?C:.

?H:#\$d\_asinh HAS\_ASINH /\*\*/

?H:.

?LINT:set d\_asinh

: see if asinh exists

set asinh d\_asinh

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_asinh.U

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?RCS:

?MAKE:d\_lroundl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_lroundl:

?S: This variable conditionally defines the HAS\_LROUNDL symbol, which

?S: indicates to the C program that the lroundl() routine is available

?S: to return the integral value nearest to x away from zero.

?S:.

?C:HAS\_LROUNDL:

?C: This symbol, if defined, indicates that the lroundl routine is

?C: available to return the nearest integral value away from zero of

?C: the long double argument value.

?C:.

?H:#\$d\_lroundl HAS\_LROUNDL /\*\*/

?H:  
?LINT:set d\_lroundl  
: see if lroundl exists  
set lroundl d\_lroundl  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_lroundl.U

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?RCS:

?MAKE:d\_rint: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_rint:

?S: This variable conditionally defines the HAS\_RINT symbol, which

?S: indicates to the C program that the rint() routine is available.

?S:.

?C:HAS\_RINT:

?C: This symbol, if defined, indicates that the rint routine is

?C: available to return the nearest integral value to x as double

?C: using the current rounding mode.

?C:.

?H:#\$d\_rint HAS\_RINT /\*\*/

?H:

?LINT:set d\_rint

: see if rint exists

set rint d\_rint

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_rint.U

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?RCS: \$Id: i\_syslog.U,v \$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_syslog: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_syslog:

?S: This variable conditionally defines the I\_SYSLOG symbol,

?S: and indicates whether a C program should include <syslog.h>.

?S:.

?C:L\_SYSLOG:

?C: This symbol, if defined, indicates that <syslog.h> exists and

?C: should be included.

?C:.

?H:#\$i\_syslog L\_SYSLOG /\*\*/

?H:.

?LINT:set i\_syslog

: see if this is a syslog.h system

set syslog.h i\_syslog

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_syslog.U

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?RCS: \$Id\$

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?RCS:

?MAKE:d\_socketmark: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_socketmark:

?S: This variable conditionally defines the HAS\_SOCKETMARK symbol, which

?S: indicates to the C program that the socketmark() routine is available.

?S:.

?C:HAS\_SOCKETMARK:

?C: This symbol, if defined, indicates that the socketmark routine is

?C: available to test whether a socket is at the out-of-band mark.

?C:.

?H:#\$d\_socketmark HAS\_SOCKETMARK /\*\*/

?H:.

?LINT:set d\_socketmark

: see if socketmark exists

set socketmark d\_socketmark

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_socketmark.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

```

?RCS:
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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_isinfl: Inlibc
?MAKE: -pick add $@ %<
?S:d_isinfl:
?S: This variable conditionally defines the HAS_ISINFL symbol, which
?S: indicates to the C program that the isinfl() routine is available.
?S:.
?C:HAS_ISINFL:
?C: This symbol, if defined, indicates that the isinfl routine is
?C: available to check whether a long double is an infinity.
?C:.
?H:#$d_isinfl HAS_ISINFL /**/
?H:.
?LINT:set d_isinfl
: see if isinfl exists
set isinfl d_isinfl
eval $inlibc

```

Found in path(s):

```

* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-
5.30.0/U/perl/d_isinfl.U

```

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```

?RCS: $Id: i_shadow.U,v $
?RCS:
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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_shadow: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_shadow:
?S: This variable conditionally defines the I_SHADOW symbol, and indicates
?S: whether a C program should include <shadow.h>.
?S:.
?C:I_SHADOW:
?C: This symbol, if defined, indicates that <shadow.h> exists and
?C: should be included.
?C:.
?H:#$i_shadow I_SHADOW /**/
?H:.
?LINT:set i_shadow

```

: see if this is a shadow.h system

set shadow.h i\_shadow

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_shadow.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_readv: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_readv:

?S: This variable conditionally defines the HAS\_READV symbol, which

?S: indicates to the C program that the readv() routine is available.

?S:.

?C:HAS\_READV:

?C: This symbol, if defined, indicates that the readv routine is

?C: available to do gather reads. You will also need <sys/uio.h>

?C: and there I\_SYSUIO.

?C:.

?H:#\$d\_readv HAS\_READV /\*\*/

?H:.

?LINT:set d\_readv

: see if readv exists

set readv d\_readv

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_readv.U

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?RCS:

?MAKE:d\_strtold: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_strtold:

?S: This variable conditionally defines the HAS\_STRTOLD symbol, which

?S: indicates to the C program that the strtold() routine is available.

?S:.

?C:HAS\_STRTOLD:

?C: This symbol, if defined, indicates that the strtold routine is

?C: available to convert strings to long doubles.

?C:.

?H:#\$d\_strtold HAS\_STRTOLD /\*\*/

?H:.

?LINT:set d\_strtold

: see if strtold exists

set strtold d\_strtold

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_strtold.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_finitel: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_finitel:

?S: This variable conditionally defines the HAS\_FINITEL symbol, which

?S: indicates to the C program that the finitel() routine is available.

?S:.

?C:HAS\_FINITEL:

?C: This symbol, if defined, indicates that the finitel routine is

?C: available to check whether a long double is finite

?C: (non-infinity non-NaN).

?C:.

?H:#\$d\_finitel HAS\_FINITEL /\*\*/

?H:.

?LINT:set d\_finitel

: see if finitel exists

set finitel d\_finitel

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_finitel.U



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?RCS:

?MAKE:d\_log1p: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_log1p:

?S: This variable conditionally defines the HAS\_LOG1P symbol, which

?S: indicates to the C program that the logp1() routine is available

?S: to compute  $\log(1 + x)$  for values of  $x$  close to zero.

?S:.

?C:HAS\_LOG1P:

?C: This symbol, if defined, indicates that the log1p routine is

?C: available to do the logarithm of 1 plus argument function.

?C:.

?H:#\$d\_log1p HAS\_LOG1P /\*\*/

?H:.

?LINT:set d\_log1p

: see if log1p exists

set log1p d\_log1p

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_log1p.U

No license file was found, but licenses were detected in source scan.

/\*

\* \$Id: getopt.C,v 3.0.1.1 1994/01/24 13:58:40 ram Exp ram \$

\*

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\*

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\* that same Artistic Licence; a copy of which may be found at the root

\* of the source tree for dist 4.0.

\*

\* Original Author: unknown, got this off net.sources

\*

\* \$Log: getopt.C,v \$

\* Revision 3.0.1.1 1994/01/24 13:58:40 ram

\* patch16: created

\*

\*/

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/getopt.C

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

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?RCS:

?MAKE:d\_strftime: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_strftime:

?S: This variable conditionally defines the HAS\_STRFTIME symbol, which

?S: indicates to the C program that the strftime() routine is available.

?S:.

?C:HAS\_STRFTIME:

?C: This symbol, if defined, indicates that the strftime routine is

?C: available to do time formatting.

?C:.

?H:#\$d\_strftime HAS\_STRFTIME /\*\*/

?H:.

?LINT:set d\_strftime

: see if strftime exists

set strftime d\_strftime

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_strftime.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

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?RCS:

?MAKE:d\_copysign: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_copysign:

?S: This variable conditionally defines the HAS\_COPYSIGN symbol, which

?S: indicates to the C program that the copysign() routine is available.

?S:.

?C:HAS\_COPYSIGN:

?C: This symbol, if defined, indicates that the copysign routine is

?C: available to do the copysign function.

?C:.

?H:#\$d\_copysign HAS\_COPYSIGN /\*\*/

?H:.

?LINT:set d\_copysign

: see if copysign exists

set copysign d\_copysign

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_copysign.U

No license file was found, but licenses were detected in source scan.

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?RCS:

?MAKE:d\_ilogb: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_ilogb:

?S: This variable conditionally defines the HAS\_ILOGB symbol, which

?S: indicates to the C program that the ilogb() routine is available

?S: for extracting the exponent of double x as a signed integer.

?S:.

?C:HAS\_ILOGB:

?C: This symbol, if defined, indicates that the ilogb routine is

?C: available to get integer exponent of a floating-point value.

?C:.

?H:#\$d\_ilogb HAS\_ILOGB /\*\*/

?H:.

?LINT:set d\_ilogb

: see if ilogb exists

set ilogb d\_ilogb

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_ilogb.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

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?RCS: License or the Artistic License, as specified in the WRITEME file.

?RCS:

?MAKE:d\_writev: Inlibc

?MAKE: -pick add \$@ %<  
?S:d\_writev:  
?S: This variable conditionally defines the HAS\_WRITEV symbol, which  
?S: indicates to the C program that the writev() routine is available.  
?S:.  
?C:HAS\_WRITEV:  
?C: This symbol, if defined, indicates that the writev routine is  
?C: available to do scatter writes.  
?C:.  
?H:#\$d\_writev HAS\_WRITEV /\*\*/  
?H:.  
?LINT:set d\_writev  
: see if writev exists  
set writev d\_writev  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_writev.U

No license file was found, but licenses were detected in source scan.

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fegetround: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fegetround:

?S: This variable conditionally defines HAS\_FEGETROUND if fegetround() is

?S: available to get the floating point rounding mode.

?S:.

?C:HAS\_FEGETROUND:

?C: This symbol, if defined, indicates that the fegetround routine is

?C: available to return the macro corresponding to the current rounding

?C: mode.

?C:.

?H:#\$d\_fegetround HAS\_FEGETROUND /\*\*/  
?H:.

?LINT:set d\_fegetround

: see if fegetround exists

set fegetround d\_fegetround

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fegetround.U

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?RCS:

?MAKE:d\_fdim: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fdim:

?S: This variable conditionally defines the HAS\_FDIM symbol, which

?S: indicates to the C program that the fdim() routine is available.

?S:.

?C:HAS\_FDIM:

?C: This symbol, if defined, indicates that the fdim routine is

?C: available to do the positive difference function.

?C:.

?H:#\$d\_fdim HAS\_FDIM /\*\*/

?H:.

?LINT:set d\_fdim

: see if fdim exists

set fdim d\_fdim

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fdim.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_isnanl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_isnanl:

?S: This variable conditionally defines the HAS\_ISNANL symbol, which

?S: indicates to the C program that the isnanl() routine is available.

?S:.

?C:HAS\_ISNANL:

?C: This symbol, if defined, indicates that the isnanl routine is

?C: available to check whether a long double is a NaN.

?C:.

?H:#\$d\_isnanl HAS\_ISNANL /\*\*/

?H:.

?LINT:set d\_isnanl

: see if isnanl exists

set isnanl d\_isnanl

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_isnanl.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

?MAKE:d\_getnameinfo: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getnameinfo:

?S: This variable conditionally defines the HAS\_GETNAMEINFO symbol,

?S: which indicates to the C program that the getnameinfo() function

?S: is available.

?S:.

?C:HAS\_GETNAMEINFO:

?C: This symbol, if defined, indicates that the getnameinfo() function

?C: is available for use.

?C:.

?H:#\$d\_getnameinfo HAS\_GETNAMEINFO /\*\*/

?H:.

?LINT:set d\_getnameinfo

: see if getnameinfo exists

set getnameinfo d\_getnameinfo

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_getnameinfo.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_getcwd: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getcwd:

?S: This variable conditionally defines the HAS\_GETCWD symbol, which

?S: indicates to the C program that the getcwd() routine is available

?S: to get the current working directory.

?S:  
?C:HAS\_GETCWD :  
?C: This symbol, if defined, indicates that the getcwd routine is  
?C: available to get the current working directory.

?C:  
?H:#\$d\_getcwd HAS\_GETCWD /\*\*/

?H:  
?LINT:set d\_getcwd  
: see if getcwd exists  
set getcwd d\_getcwd  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_getcwd.U

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?RCS:  
?MAKE:d\_nearbyint: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_nearbyint:

?S: This variable conditionally defines HAS\_NEARBYINT if nearbyint()

?S: is available to return the integral value closest to (according to

?S: the current rounding mode) to x.

?S:

?C:HAS\_NEARBYINT:

?C: This symbol, if defined, indicates that the nearbyint routine is

?C: available to return the integral value closest to (according to

?C: the current rounding mode) to x.

?C:

?H:#\$d\_nearbyint HAS\_NEARBYINT /\*\*/

?H:

?LINT:set d\_nearbyint  
: see if nearbyint exists  
set nearbyint d\_nearbyint  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_nearbyint.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: baserev.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

?RCS: Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

?RCS:

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?RCS: of the source tree for dist 4.0.  
?RCS:  
?RCS: \$Log: baserev.U,v \$  
?RCS: Revision 3.0 1993/08/18 12:05:24 ram  
?RCS: Baseline for dist 3.0 netwide release.  
?RCS:  
?MAKE:baserev: Null  
?MAKE: -pick wipe \$@ %<  
?S:baserev:  
?S: The base revision level of this package, from the .package file.  
?S:.  
: set the base revision  
baserev=<BASEREV>

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/baserev.U

No license file was found, but licenses were detected in source scan.

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?RCS:

?MAKE:d\_scalbn: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_scalbn:

?S: This variable conditionally defines the HAS\_SCALBN symbol, which

?S: indicates to the C program that the scalbn() routine is available.

?S:.

?C:HAS\_SCALBN:

?C: This symbol, if defined, indicates that the scalbn routine is

?C: available to multiply floating-point number by integral power

?C: of radix.

?C:.

?H:#\$d\_scalbn HAS\_SCALBN /\*\*/

?H:.

?LINT:set d\_scalbn

: see if scalbn exists

set scalbn d\_scalbn

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_scalbn.U



No license file was found, but licenses were detected in source scan.

```
?RCS: Id
?RCS:
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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_ftello: Inlibc longsize
?MAKE: -pick add $@ %<
?S:d_ftello:
?S: This variable conditionally defines the HAS_FTELLO symbol, which
?S: indicates to the C program that the ftello() routine is available.
?S:.
?C:HAS_FTELLO:
?C: This symbol, if defined, indicates that the ftello routine is
?C: available to ftell beyond 32 bits (useful for ILP32 hosts).
?C:.
?H:#$d_ftello HAS_FTELLO /**/
?H:.
?LINT:set d_ftello
: see if ftello exists
set ftello d_ftello
eval $inlibc
case "$longsize" in
8) echo "(Your long is 64 bits, so you could use ftell.)" ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_ftello.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_tgamma: Inlibc
?MAKE: -pick add $@ %<
?S:d_tgamma:
?S: This variable conditionally defines the HAS_TGAMMA symbol, which
?S: indicates to the C program that the tgamma() routine is available
?S: for the gamma function. See also d_lgamma.
?S:.
?C:HAS_TGAMMA:
?C: This symbol, if defined, indicates that the tgamma routine is
?C: available to do the gamma function. See also HAS_LGAMMA.
?C:.
```

?H:#\$d\_tgamma HAS\_TGAMMA /\*\*/

?H:.

?LINT:set d\_tgamma

: see if tgamma exists

set tgamma d\_tgamma

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_tgamma.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: Nothing.U 1 2006-08-24 12:32:52Z rmanfredi \$

?RCS:

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?RCS: that same Artistic Licence; a copy of which may be found at the root

?RCS: of the source tree for dist 4.0.

?RCS:

?RCS: \$Log: Nothing.U,v \$

?RCS: Revision 3.0 1993/08/18 12:05:09 ram

?RCS: Baseline for dist 3.0 netwide release.

?RCS:

?X:

?X: The purpose of this file is to supply an empty target for the private

?X: Makefile built by metaconfig to order the units.

?X:

?MAKE:Nothing: Head

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/U/Nothing.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_sysstatvfs.U,v \$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_sysstatvfs: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_sysstatvfs:

?S: This variable conditionally defines the I\_SYSSTATVFS symbol,

?S: and indicates whether a C program should include <sys/statvfs.h>.

?S:.

?C:I\_SYS\_STATVFS:

?C: This symbol, if defined, indicates that <sys/statvfs.h> exists and

?C: should be included.

?C:.

?H:#\$i\_sysstatvfs I\_SYS\_STATVFS /\*\*/

?H:.

?LINT:set i\_sysstatvfs

: see if this is a sys/statvfs.h system

set sys/statvfs.h i\_sysstatvfs

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_sysstatvfs.U

No license file was found, but licenses were detected in source scan.

/\*

\* \$Id: setsid.C,v 3.0.1.1 1994/01/24 13:58:47 ram Exp ram \$

\*

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\* of the source tree for dist 4.0.

\*

\* \$Log: setsid.C,v \$

\* Revision 3.0.1.1 1994/01/24 13:58:47 ram

\* patch16: created

\*

\*/

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/setsid.C

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?RCS:

?MAKE:d\_atanh: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_atanh:

?S: This variable conditionally defines the HAS\_ATANH symbol, which

?S: indicates to the C program that the atanh() routine is available.

?S:.

?C:HAS\_ATANH:

?C: This symbol, if defined, indicates that the atanh routine is

?C: available to do the inverse hyperbolic tangent function.

?C:.

?H:#\$d\_atanh HAS\_ATANH /\*\*/

?H:.

?LINT:set d\_atanh

: see if atanh exists

set atanh d\_atanh

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_atanh.U

No license file was found, but licenses were detected in source scan.

/\*

\* \$Id: scandir.C,v 3.0.1.1 1994/01/24 13:58:45 ram Exp ram \$

\*

\* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

\*

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\* You may reuse parts of this distribution only within the terms of

\* that same Artistic Licence; a copy of which may be found at the root

\* of the source tree for dist 4.0.

\*

\* \$Log: scandir.C,v \$

\* Revision 3.0.1.1 1994/01/24 13:58:45 ram

\* patch16: created

\*

\*/

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/scandir.C

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_socks5\_init: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_socks5\_init:  
?S: This variable conditionally defines the HAS\_SOCKS5\_INIT symbol, which  
?S: indicates to the C program that the socks5\_init() routine is available.  
?S:.  
?C:HAS\_SOCKS5\_INIT:  
?C: This symbol, if defined, indicates that the socks5\_init routine is  
?C: available to initialize SOCKS 5.  
?C:.  
?H:#\$d\_socks5\_init HAS\_SOCKS5\_INIT /\*\*/  
?H:.  
?LINT:set d\_socks5\_init  
: see if socks5\_init exists  
set socks5\_init d\_socks5\_init  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_socks5\_init.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
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?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_fseeko: Inlibc longsize  
?MAKE: -pick add \$@ %<  
?S:d\_fseeko:  
?S: This variable conditionally defines the HAS\_FSEEKO symbol, which  
?S: indicates to the C program that the fseeko() routine is available.  
?S:.  
?C:HAS\_FSEEKO:  
?C: This symbol, if defined, indicates that the fseeko routine is  
?C: available to fseek beyond 32 bits (useful for ILP32 hosts).  
?C:.  
?H:#\$d\_fseeko HAS\_FSEEKO /\*\*/  
?H:.  
?LINT:set d\_fseeko  
: see if fseeko exists  
set fseeko d\_fseeko  
eval \$inlibc  
case "\$longsize" in  
8) echo "(Your long is 64 bits, so you could use fseek.)" ;;  
esac

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fseeko.U

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?RCS: \$Id: i\_sysvfs.U,v \$

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?RCS:

?MAKE:i\_sysvfs: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_sysvfs:

?S: This variable conditionally defines the I\_SYSVFS symbol,

?S: and indicates whether a C program should include <sys/vfs.h>.

?S:.

?C:I\_SYS\_VFS:

?C: This symbol, if defined, indicates that <sys/vfs.h> exists and

?C: should be included.

?C:.

?H:#\$i\_sysvfs I\_SYS\_VFS /\*\*/

?H:.

?LINT:set i\_sysvfs

: see if this is a sys/vfs.h system

set sys/vfs.h i\_sysvfs

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_sysvfs.U

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?RCS:

?MAKE:d\_mkdtmp: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_mkdtmp:

?S: This variable conditionally defines the HAS\_MKDTEMP symbol, which

?S: indicates to the C program that the mkdtmp() routine is available

?S: to exclusively create a uniquely named temporary directory.

?S:.

?C:HAS\_MKDTEMP :

?C: This symbol, if defined, indicates that the mkdtemp routine is  
?C: available to exclusively create a uniquely named temporary directory.  
?C:.  
?H:#\$d\_mkdtemp HAS\_MKDTEMP /\*\*/  
?H:.  
?LINT:set d\_mkdtemp  
: see if mkdtemp exists  
set mkdtemp d\_mkdtemp  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_mkdtemp.U

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?RCS:  
?MAKE:d\_sqrtl: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_sqrtl:  
?S: This variable conditionally defines the HAS\_SQRTL symbol, which  
?S: indicates to the C program that the sqrtl() routine is available.  
?S:.  
?C:HAS\_SQRTL:  
?C: This symbol, if defined, indicates that the sqrtl routine is  
?C: available to do long double square roots.  
?C:.  
?H:#\$d\_sqrtl HAS\_SQRTL /\*\*/  
?H:.  
?LINT:set d\_sqrtl  
: see if sqrtl exists  
set sqrtl d\_sqrtl  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_sqrtl.U

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?RCS:  
?MAKE:d\_acosh: Inlibc

?MAKE: -pick add \$@ %<  
?S:d\_acosh:  
?S: This variable conditionally defines the HAS\_ACOSH symbol, which  
?S: indicates to the C program that the acosh() routine is available.  
?S:.  
?C:HAS\_ACOSH:  
?C: This symbol, if defined, indicates that the acosh routine is  
?C: available to do the inverse hyperbolic cosine function.  
?C:.  
?H:#\$d\_acosh HAS\_ACOSH /\*\*/  
?H:.  
?LINT:set d\_acosh  
: see if acosh exists  
set acosh d\_acosh  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_acosh.U

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?RCS: \$Id: i\_libutil.U,v \$  
?RCS:  
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?RCS:  
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?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:i\_libutil: Inhdr Hasfield  
?MAKE: -pick add \$@ %<  
?S:i\_libutil:  
?S: This variable conditionally defines the I\_LIBUTIL symbol, and indicates  
?S: whether a C program should include <libutil.h>.  
?S:.  
?C:I\_LIBUTIL:  
?C: This symbol, if defined, indicates that <libutil.h> exists and  
?C: should be included.  
?C:.  
?H:#\$i\_libutil I\_LIBUTIL /\*\*/  
?H:.  
?LINT:set i\_libutil  
: see if this is a libutil.h system  
set libutil.h i\_libutil  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_libutil.U



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```
?RCS: Id
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?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_frexp! : Inlibc
?MAKE: -pick add $@ %<
?S:d_frexp! :
?S: This variable conditionally defines the HAS_FREXPL symbol, which
?S: indicates to the C program that the frexp() routine is available.
?S: .
?C:HAS_FREXPL:
?C: This symbol, if defined, indicates that the frexp routine is
?C: available to break a long double floating-point number into
?C: a normalized fraction and an integral power of 2.
?C: .
?H:#$d_frexp! HAS_FREXPL /**/
?H: .
?LINT:set d_frexp!
: see if frexp! exists
set frexp! d_frexp!
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_frexp!.U
```

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```
?RCS: $Id: i_netdb.U,v $
?RCS:
?RCS: Copyright (c) 1998 Andy Dougherty
?RCS:
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?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_netdb: Inhdr
?MAKE: -pick add $@ %<
?S:i_netdb:
?S: This variable conditionally defines the I_NETDB symbol, and indicates
?S: whether a C program should include <netdb.h>.
?S: .
?C:I_NETDB:
?C: This symbol, if defined, indicates that <netdb.h> exists and
?C: should be included.
```

```
?C:.
?H:#$i_netdb I_NETDB /**/
?H:.
?LINT:set i_netdb
: see if this is a netdb.h system
set netdb.h i_netdb
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_netdb.U
```

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?RCS:

?MAKE:d\_lgamma\_r: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_lgamma\_r:

?S: This variable conditionally defines the HAS\_LGAMMA\_R symbol, which

?S: indicates to the C program that the lgamma\_r() routine is available

?S: for the log gamma function, without using the global signgam variable.

?S:.

?C:HAS\_LGAMMA\_R:

?C: This symbol, if defined, indicates that the lgamma\_r routine is

?C: available to do the log gamma function without using the global

?C: signgam variable.

?C:.

```
?H:#$d_lgamma_r HAS_LGAMMA_R /**/
```

?H:.

```
?LINT:set d_lgamma_r
```

: see if lgamma\_r exists

```
set lgamma_r d_lgamma_r
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_lgamma_r.U
```

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Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/files/Jmake.tmpl
```

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?RCS:  
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?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_localeconv\_1: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_localeconv\_1:  
?S: This variable conditionally defines the HAS\_LOCALECONV\_L symbol, which  
?S: indicates to the C program that the localeconv\_1() routine is available.  
?S:.  
?C:HAS\_LOCALECONV\_L:  
?C: This symbol, if defined, indicates that the localeconv\_1 routine is  
?C: available to query certain information about a locale.  
?C:.  
?H:#\$d\_localeconv\_1 HAS\_LOCALECONV\_L /\*\*/  
?H:.  
?LINT:set d\_localeconv\_1  
: see if localeconv\_1 exists  
set localeconv\_1 d\_localeconv\_1  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/threads/d\_localeconv\_1.U

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?RCS:  
?MAKE:d\_fchdir: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_fchdir:  
?S: This variable conditionally defines the HAS\_FCHDIR symbol, which  
?S: indicates to the C program that the fchdir() routine is available.  
?S:.  
?C:HAS\_FCHDIR:  
?C: This symbol, if defined, indicates that the fchdir routine is  
?C: available to change directory using a file descriptor.  
?C:.  
?H:#\$d\_fchdir HAS\_FCHDIR /\*\*/  
?H:.  
?LINT:set d\_fchdir

```
: see if fchdir exists
set fchdir d_fchdir
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_fchdir.U
```

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?RCS:

?MAKE:d\_nexttoward: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_nexttoward:

?S: This variable conditionally defines HAS\_NEXTTOWARD if nexttoward()

?S: is available to return the next machine representable long double from

?S: x in direction y.

?S:.

?C:HAS\_NEXTTOWARD:

?C: This symbol, if defined, indicates that the nexttoward routine is

?C: available to return the next machine representable long double from

?C: x in direction y.

?C:.

?H:#\$d\_nexttoward HAS\_NEXTTOWARD /\*\*/

?H:.

?LINT:set d\_nexttoward

: see if nexttoward exists

set nexttoward d\_nexttoward

eval \$inlibc

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_nexttoward.U
```

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?RCS: of the source tree for dist 4.0.

?RCS:

?MAKE:d\_dup3: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_dup3:

?S: This variable conditionally defines HAS\_DUP3 if dup3() is

?S: available to duplicate file descriptors.  
?S:.  
?C:HAS\_DUP3:  
?C: This symbol, if defined, indicates that the dup3 routine is  
?C: available to duplicate file descriptors.  
?C:.  
?H:#\$d\_dup3 HAS\_DUP3 /\*\*/  
?H:.  
?LINT:set d\_dup3  
: see if dup3 exists  
set dup3 d\_dup3  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_dup3.U

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?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_atolf: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_atolf:  
?S: This variable conditionally defines the HAS\_ATOLF symbol, which  
?S: indicates to the C program that the atolf() routine is available.  
?S:.  
?C:HAS\_ATOLF:  
?C: This symbol, if defined, indicates that the atolf routine is  
?C: available to convert strings into long doubles.  
?C:.  
?H:#\$d\_atolf HAS\_ATOLF /\*\*/  
?H:.  
?LINT:set d\_atolf  
: see if atolf exists  
set atolf d\_atolf  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/atolf.U

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?RCS:

?MAKE:d\_round: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_round:

?S: This variable conditionally defines the HAS\_ROUND symbol, which

?S: indicates to the C program that the round() routine is available.

?S:.

?C:HAS\_ROUND:

?C: This symbol, if defined, indicates that the round routine is

?C: available to round to nearest integer, away from zero.

?C:.

?H:#\$d\_round HAS\_ROUND /\*\*/

?H:.

?LINT:set d\_round

: see if round exists

set round d\_round

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_round.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_poll.U,v \$

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_poll: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_poll:

?S: This variable conditionally defines the I\_POLL symbol, and indicates

?S: whether a C program should include <poll.h>.

?S:.

?C:I\_POLL:

?C: This symbol, if defined, indicates that <poll.h> exists and

?C: should be included. (see also HAS\_POLL)

?C:.

?H:#\$i\_poll I\_POLL /\*\*/

?H:.

?LINT:set i\_poll

: see if this is a poll.h system

set poll.h i\_poll

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_poll.U

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?RCS:

?MAKE:d\_timegm: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_timegm:

?S: This variable conditionally defines the HAS\_TIMEGM symbol, which

?S: indicates to the C program that the timegm () routine is available.

?S:.

?C:HAS\_TIMEGM:

?C: This symbol, if defined, indicates that the timegm routine is

?C: available to do the opposite of gmtime ()

?C:.

?H:#\$d\_timegm HAS\_TIMEGM /\*\*/

?H:.

?LINT:set d\_timegm

: see if timegm exists

set timegm d\_timegm

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_timegm.U

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?RCS:

?MAKE:d\_copysignl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_copysignl:

?S: This variable conditionally defines the HAS\_COPYSIGNL symbol, which

?S: indicates to the C program that the copysignl() routine is available.

?S: If aintl is also present we can emulate modfl.

?S:.

?C:HAS\_COPYSIGNL:

?C: This symbol, if defined, indicates that the copysignl routine is

?C: available. If aintl is also present we can emulate modfl.

?C:.

?H:#\$d\_copysignl HAS\_COPYSIGNL /\*\*/

?H:.

?LINT:set d\_copysignl

: see if copysignl exists

set copysignl d\_copysignl

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_copysignl.U

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?RCS:

?MAKE:d\_lround: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_lround:

?S: This variable conditionally defines the HAS\_LROUND symbol, which

?S: indicates to the C program that the lround() routine is available

?S: to return the integral value nearest to x.

?S:.

?C:HAS\_LROUND:

?C: This symbol, if defined, indicates that the lround routine is

?C: available to return the nearest integral value.

?C:.

?H:#\$d\_lround HAS\_LROUND /\*\*/

?H:.

?LINT:set d\_lround

: see if lround exists

set lround d\_lround

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_lround.U

No license file was found, but licenses were detected in source scan.

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?RCS:

?MAKE:d\_fmin: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fmin:



?S: This variable conditionally defines the HAS\_FMIN symbol, which

?S: indicates to the C program that the fmin() routine is available.

?S:.

?C:HAS\_FMIN:

?C: This symbol, if defined, indicates that the fmin routine is

?C: available to do the minimum function.

?C:.

?H:#\$d\_fmin HAS\_FMIN /\*\*/

?H:.

?LINT:set d\_fmin

: see if fmin exists

set fmin d\_fmin

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fmin.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_sendmsg: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_sendmsg:

?S: This variable conditionally defines the HAS\_SENDMSG symbol, which

?S: indicates to the C program that the sendmsg() routine is available.

?S:.

?C:HAS\_SENDMSG:

?C: This symbol, if defined, indicates that the sendmsg routine is

?C: available to send structured socket messages.

?C:.

?H:#\$d\_sendmsg HAS\_SENDMSG /\*\*/

?H:.

?LINT:set d\_sendmsg

: see if sendmsg exists

set sendmsg d\_sendmsg

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_sendmsg.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysstatfs.U,v $
?RCS:
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sysstatfs: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sysstatfs:
?S: This variable conditionally defines the I_SYSSTATFS symbol,
?S: and indicates whether a C program should include <sys/statfs.h>.
?S:.
?C:I_SYS_STATFS:
?C: This symbol, if defined, indicates that <sys/statfs.h> exists.
?C:.
?H:#$i_sysstatfs I_SYS_STATFS /**/
?H:.
?LINT:set i_sysstatfs
: see if this is a sys/statfs.h system
set sys/statfs.h i_sysstatfs
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysstatfs.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sunmath.U,v $
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_sunmath: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_sunmath:
?S: This variable conditionally defines the I_SUNMATH symbol, and indicates
?S: whether a C program should include <sunmath.h>.
?S:.
?C:I_SUNMATH:
?C: This symbol, if defined, indicates that <sunmath.h> exists and
?C: should be included.
?C:.
?H:#$i_sunmath I_SUNMATH /**/
?H:.
?LINT:set i_sunmath
```

: see if this is a sunmath.h system

set sunmath.h i\_sunmath

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_sunmath.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_getmnt: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getmnt:

?S: This variable conditionally defines the HAS\_GETMNT symbol, which

?S: indicates to the C program that the getmnt() routine is available

?S: to retrieve one or more mount info blocks by filename.

?S:.

?C:HAS\_GETMNT:

?C: This symbol, if defined, indicates that the getmnt routine is

?C: available to get filesystem mount info by filename.

?C:.

?H:#\$d\_getmnt HAS\_GETMNT /\*\*/

?H:.

?LINT:set d\_getmnt

: see if getmnt exists

set getmnt d\_getmnt

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_getmnt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_getaddrinfo: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getaddrinfo:

?S: This variable conditionally defines the HAS\_GETADDRINFO symbol,

?S: which indicates to the C program that the getaddrinfo() function

?S: is available.

?S:.

?C:HAS\_GETADDRINFO:

?C: This symbol, if defined, indicates that the getaddrinfo() function

?C: is available for use.

?C:.

?H:#\$d\_getaddrinfo HAS\_GETADDRINFO /\*\*/

?H:.

?LINT:set d\_getaddrinfo

: see if getaddrinfo exists

set getaddrinfo d\_getaddrinfo

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_getaddrinfo.U

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?RCS:

?MAKE:d\_fpgetround: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fpgetround:

?S: This variable conditionally defines HAS\_FPGETROUND if fpgetround()

?S: is available to get the floating point rounding mode.

?S:.

?C:HAS\_FPGETROUND:

?C: This symbol, if defined, indicates that the fpgetround routine is

?C: available to get the floating point rounding mode.

?C:.

?H:#\$d\_fpgetround HAS\_FPGETROUND /\*\*/

?H:.

?LINT:set d\_fpgetround

: see if fpgetround exists

set fpgetround d\_fpgetround

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fpgetround.U

No license file was found, but licenses were detected in source scan.

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?RCS: as specified in the README file that comes with the distribution.

```
?RCS:
?MAKE:i_stdint: Inhdr
?MAKE: -pick add $@ %<
?S:i_stdint:
?S: This variable conditionally defines the I_STDINT symbol, which
?S: indicates to the C program that <stdint.h> exists and should
?S: be included.
?S:.
?C:I_STDINT:
?C: This symbol, if defined, indicates that <stdint.h> exists and
?C: should be included.
?C:.
?H:#$i_stdint I_STDINT /**/
?H:.
?LINT:set i_stdint
: see if stdint is available
set stdint.h i_stdint
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_stdint.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: Id
?RCS:
?RCS: Copyright (c) 2005 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_unsetenv: Inlibc
?MAKE: -pick add $@ %<
?S:d_unsetenv:
?S: This variable conditionally defines the HAS_UNSETENV symbol, which
?S: indicates to the C program that the unsetenv () routine is available.
?S:.
?C:HAS_UNSETENV:
?C: This symbol, if defined, indicates that the unsetenv () routine is
?C: available for use.
?C:.
?H:#$d_unsetenv HAS_UNSETENV /**/
?H:.
?LINT:set d_unsetenv
: see if unsetenv exists
set unsetenv d_unsetenv
eval $inlibc
```

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_unsetenv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fstatfs : Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fstatfs:

?S: This variable conditionally defines the HAS\_FSTATFS symbol, which

?S: indicates to the C program that the fstatfs() routine is available.

?S:.

?C:HAS\_FSTATFS:

?C: This symbol, if defined, indicates that the fstatfs routine is

?C: available to stat filesystems by file descriptors.

?C:.

?H:#\$d\_fstatfs HAS\_FSTATFS /\*\*/

?H:.

?LINT:set d\_fstatfs

: see if fstatfs exists

set fstatfs d\_fstatfs

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fstatfs.U

No license file was found, but licenses were detected in source scan.

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_llrint: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_llrint:

?S: This variable conditionally defines the HAS\_LLRINT symbol, which

?S: indicates to the C program that the llrint() routine is available

?S: to return the long long value closest to a double (according

?S: to the current rounding mode).

?S:.

?C:HAS\_LLRINT:

?C: This symbol, if defined, indicates that the llrint routine is

?C: available to return the long long value closest to a double

?C: (according to the current rounding mode).

?C:.

?H:#\$d\_llrint HAS\_LLRRINT /\*\*/

?H:.

?LINT:set d\_llrint

: see if llrint exists

set llrint d\_llrint

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_llrint.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_sysmount.U,v \$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_sysmount: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_sysmount:

?S: This variable conditionally defines the I\_SYSMOUNT symbol,

?S: and indicates whether a C program should include <sys/mount.h>.

?S:.

?C:I\_SYS\_MOUNT:

?C: This symbol, if defined, indicates that <sys/mount.h> exists and

?C: should be included.

?C:.

?H:#\$i\_sysmount I\_SYS\_MOUNT /\*\*/

?H:.

?LINT:set i\_sysmount

: see if this is a sys/mount.h system

set sys/mount.h i\_sysmount

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_sysmount.U

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_lgamma: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_lgamma:

?S: This variable conditionally defines the HAS\_LGAMMA symbol, which

?S: indicates to the C program that the lgamma() routine is available

?S: for the log gamma function. See also d\_tgamma and d\_lgamma\_r.

?S:.

?C:HAS\_LGAMMA:

?C: This symbol, if defined, indicates that the lgamma routine is

?C: available to do the log gamma function. See also HAS\_TGAMMA and

?C: HAS\_LGAMMA\_R.

?C:.

?H:#\$d\_lgamma HAS\_LGAMMA /\*\*/

?H:.

?LINT:set d\_lgamma

: see if lgamma exists

set lgamma d\_lgamma

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-

5.30.0/U/perl/d\_lgamma.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

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?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fsync: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fsync:

?S: This variable conditionally defines the HAS\_FSYNC symbol, which

?S: indicates to the C program that the fsync() routine is available.

?S:.

?C:HAS\_FSYNC:

?C: This symbol, if defined, indicates that the fsync routine is

?C: available to write a file's modified data and attributes to

?C: permanent storage.

?C:.

?H:#\$d\_fsync HAS\_FSYNC /\*\*/

?H:.

?LINT:set d\_fsync

: see if fsync exists

set fsync d\_fsync

eval \$inlibc

Found in path(s):



\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fsync.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_crypt.U,v \$

?RCS:

?RCS: Copyright (c) 2002 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_crypt: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_crypt:

?S: This variable conditionally defines the I\_CRYPT symbol, and indicates

?S: whether a C program should include <crypt.h>.

?S:.

?C:I\_CRYPT:

?C: This symbol, if defined, indicates that <crypt.h> exists and

?C: should be included.

?C:.

?H:#\$i\_crypt I\_CRYPT /\*\*/

?H:.

?LINT:set i\_crypt

: see if this is a crypt.h system

set crypt.h i\_crypt

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_crypt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1999 Jarkko Hietaniemi

?RCS:

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?RCS:

?MAKE:d\_hasmntopt: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_hasmntopt:

?S: This variable conditionally defines the HAS\_HASMNTOPT symbol, which

?S: indicates to the C program that the hasmntopt() routine is available

?S: to query the mount options of file systems.

?S:.

?C:HAS\_HASMNTOPT:

?C: This symbol, if defined, indicates that the hasmntopt routine is

?C: available to query the mount options of file systems.

?C:.

?H:#\$d\_hasmntopt HAS\_HASMNTOPT /\*\*/

?H:.

?LINT:set d\_hasmntopt

: see if hasmntopt exists

set hasmntopt d\_hasmntopt

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_hasmntopt.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

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?RCS:

?MAKE:d\_recvmsg: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_recvmsg:

?S: This variable conditionally defines the HAS\_RECVMSG symbol, which

?S: indicates to the C program that the recvmsg() routine is available.

?S:.

?C:HAS\_RECVMSG:

?C: This symbol, if defined, indicates that the recvmsg routine is

?C: available to send structured socket messages.

?C:.

?H:#\$d\_recvmsg HAS\_RECVMSG /\*\*/

?H:.

?LINT:set d\_recvmsg

: see if recvmsg exists

set recvmsg d\_recvmsg

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_recvmsg.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998, Jarkko Hietaniemi

?RCS:

?RCS: You may redistribute only under the terms of the Artistic License,  
?RCS: as specified in the README file that comes with the distribution.  
?RCS: You may reuse parts of this distribution only within the terms of  
?RCS: that same Artistic License; a copy of which may be found at the root  
?RCS: of the source tree for dist 3.0.

?X:

?X: Useless unit dropped. Use randfunc instead.

?X:

?LINT:empty

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/compline/randbits.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_ieefp.U,v \$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_ieefp: Inhdr Hasfield

?MAKE: -pick add \$@ %<

?S:i\_ieefp:

?S: This variable conditionally defines the I\_IEEEFP symbol, and indicates

?S: whether a C program should include <ieefp.h>.

?S:.

?C:I\_IEEEFP:

?C: This symbol, if defined, indicates that <ieefp.h> exists and

?C: should be included.

?C:.

?H:#\$i\_ieefp I\_IEEEFP /\*\*/

?H:.

?LINT:set i\_ieefp

: see if this is a ieefp.h system

case "\$i\_ieefp" in

" ) set ieefp.h i\_ieefp

eval \$inhdr

;;

esac

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_ieefp.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:  
?RCS: Copyright (c) 1998 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_atoll: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_atoll:  
?S: This variable conditionally defines the HAS\_ATOLL symbol, which  
?S: indicates to the C program that the atoll() routine is available.  
?S:.  
?C:HAS\_ATOLL:  
?C: This symbol, if defined, indicates that the atoll routine is  
?C: available to convert strings into long longs.  
?C:.  
?H:#\$d\_atoll HAS\_ATOLL /\*\*/  
?H:.  
?LINT:set d\_atoll  
: see if atoll exists  
set atoll d\_atoll  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/atoll.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 2000 Jarkko Hietaniemi  
?RCS:  
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?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_setproctitle: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_setproctitle:  
?S: This variable conditionally defines the HAS\_SETPROCTITLE symbol,  
?S: which indicates to the C program that the setproctitle() routine  
?S: is available.  
?S:.  
?C:HAS\_SETPROCTITLE:  
?C: This symbol, if defined, indicates that the setproctitle routine is  
?C: available to set process title.  
?C:.  
?H:#\$d\_setproctitle HAS\_SETPROCTITLE /\*\*/  
?H:.

```
?LINT:set d_setproctitle
: see if setproctitle exists
set setproctitle d_setproctitle
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_setproctitle.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_fp.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:i_fp: Inhdr
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_fp:
```

```
?S: This variable conditionally defines the I_FP symbol, and indicates
```

```
?S: whether a C program should include <fp.h>.
```

```
?S:.
```

```
?C:I_FP:
```

```
?C: This symbol, if defined, indicates that <fp.h> exists and
```

```
?C: should be included.
```

```
?C:.
```

```
?H:#$i_fp I_FP /**/
```

```
?H:.
```

```
?LINT:set i_fp
```

```
: see if this is a fp.h system
```

```
set fp.h i_fp
```

```
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_fp.U
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
* $Id: rename.C,v 3.0.1.1 1994/01/24 13:58:42 ram Exp ram $
```

```
*
```

```
* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi
```

```
*
```

```
* You may redistribute only under the terms of the Artistic Licence,
```

```
* as specified in the README file that comes with the distribution.
```

```
* You may reuse parts of this distribution only within the terms of
```

```
* that same Artistic Licence; a copy of which may be found at the root
```

```
* of the source tree for dist 4.0.
*
* $Log: rename.C,v $
* Revision 3.0.1.1 1994/01/24 13:58:42 ram
* patch16: created
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/rename.C
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_ustat.U,v $
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_ustat: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_ustat:
?S: This variable conditionally defines the I_USTAT symbol, and indicates
?S: whether a C program should include <ustat.h>.
?S:.
?C:I_USTAT:
?C: This symbol, if defined, indicates that <ustat.h> exists and
?C: should be included.
?C:.
?H:#$i_ustat I_USTAT /**/
?H:.
?LINT:set i_ustat
: see if this is a ustat.h system
set ustat.h i_ustat
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_ustat.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: Id
?RCS:
?RCS: Copyright (c) 2005 H.Merijn Brand
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
```

?RCS:  
?MAKE:d\_clearenv: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_clearenv:  
?S: This variable conditionally defines the HAS\_CLEARENV symbol, which  
?S: indicates to the C program that the clearenv () routine is available.  
?S:.  
?C:HAS\_CLEARENV:  
?C: This symbol, if defined, indicates that the clearenv () routine is  
?C: available for use.  
?C:.  
?H:#\$d\_clearenv HAS\_CLEARENV /\*\*/  
?H:.  
?LINT:set d\_clearenv  
: see if clearenv exists  
set clearenv d\_clearenv  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_clearenv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 2009 H.Merijn Brand  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_inetpton: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_inetpton:  
?S: This variable conditionally defines the HAS\_INETPTON symbol,  
?S: which indicates to the C program that the inet\_pton() function  
?S: is available.  
?S:.  
?C:HAS\_INETPTON:  
?C: This symbol, if defined, indicates that the inet\_pton() function  
?C: is available to parse IPv4 and IPv6 strings.  
?C:.  
?H:#\$d\_inetpton HAS\_INETPTON /\*\*/  
?H:.  
?LINT:set d\_inetpton  
: see if inet\_pton exists  
set inet\_pton d\_inetpton  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_inetpton.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fmax: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_fmax:

?S: This variable conditionally defines the HAS\_FMAX symbol, which

?S: indicates to the C program that the fmax() routine is available.

?S:.

?C:HAS\_FMAX:

?C: This symbol, if defined, indicates that the fmax routine is

?C: available to do the maximum function.

?C:.

?H:#\$d\_fmax HAS\_FMAX /\*\*/

?H:.

?LINT:set d\_fmax

: see if fmax exists

set fmax d\_fmax

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fmax.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 1998 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_accessx: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_accessx:

?S: This variable conditionally defines the HAS\_ACCESSX symbol, which

?S: indicates to the C program that the accessx() routine is available.

?S:.

?C:HAS\_ACCESSX :

?C: This symbol, if defined, indicates that the accessx routine is

?C: available to do extended access checks.

?C:.

?H:#\$d\_accessx HAS\_ACCESSX /\*\*/



```
?H:
?LINT:set d_accessx
: see if accessx exists
set accessx d_accessx
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/d_accessx.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: Id
```

```
?RCS:
```

```
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_setitimer: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_setitimer:
```

```
?S: This variable conditionally defines the HAS_SETITIMER symbol, which
```

```
?S: indicates to the C program that the setitimer() routine is available.
```

```
?S:.
```

```
?C:HAS_SETITIMER:
```

```
?C: This symbol, if defined, indicates that the setitimer routine is
```

```
?C: available to set interval timers.
```

```
?C:.
```

```
?H:#$d_setitimer HAS_SETITIMER /**/
```

```
?H:
```

```
?LINT:set d_setitimer
```

```
: see if setitimer exists
```

```
set setitimer d_setitimer
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_setitimer.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_remquo: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_remquo:
```

```
?S: This variable conditionally defines the HAS_REMQUO symbol, which
```

```
?S: indicates to the C program that the remquo() routine is available.
```

?S:.

?C:HAS\_REMQUO:

?C: This symbol, if defined, indicates that the remquo routine is

?C: available to return the remainder and part of quotient.

?C:.

?H:#\$d\_remquo HAS\_REMQUO /\*\*/

?H:.

?LINT:set d\_remquo

: see if remquo exists

set remquo d\_remquo

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_remquo.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_lrintl: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_lrintl:

?S: This variable conditionally defines the HAS\_LRINTL symbol, which

?S: indicates to the C program that the lrintl() routine is available

?S: to return the integral value closest to a long double (according

?S: to the current rounding mode).

?S:.

?C:HAS\_LRINTL:

?C: This symbol, if defined, indicates that the lrintl routine is

?C: available to return the integral value closest to a long double

?C: (according to the current rounding mode).

?C:.

?H:#\$d\_lrintl HAS\_LRINTL /\*\*/

?H:.

?LINT:set d\_lrintl

: see if lrintl exists

set lrintl d\_lrintl

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_lrintl.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_fdclose: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_fdclose:  
?S: This variable conditionally defines the HAS\_FDCLOSE symbol, which  
?S: indicates to the C program that the fdclose() routine is available.  
?S:.  
?C:HAS\_FDCLOSE:  
?C: This symbol, if defined, indicates that the fdclose routine is  
?C: available to free a FILE structure without closing the underlying  
?C: file descriptor. This function appeared in FreeBSD 10.2.  
?C:.  
?H:#\$d\_fdclose HAS\_FDCLOSE /\*\*/  
?H:.  
?LINT:set d\_fdclose  
: see if fdclose exists  
set fdclose d\_fdclose  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fdclose.U

No license file was found, but licenses were detected in source scan.

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_hypot: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_hypot:

?S: This variable conditionally defines HAS\_HYPOT if hypot is available

?S: for numerically stable hypotenuse function.

?S:.

?C:HAS\_HYPOT:

?C: This symbol, if defined, indicates that the hypot routine is

?C: available to do the hypotenuse function.

?C:.

?H:#\$d\_hypot HAS\_HYPOT /\*\*/  
?H:.

?LINT:set d\_hypot

: see if hypot exists

set hypot d\_hypot

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_hypot.U

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_fp_class.U,v $
?RCS:
?RCS: Copyright (c) 1998 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_fp_class: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_fp_class:
?S: This variable conditionally defines the I_FP_CLASS symbol, and indicates
?S: whether a C program should include <fp_class.h>.
?S:.
?C:I_FP_CLASS:
?C: This symbol, if defined, indicates that <fp_class.h> exists and
?C: should be included.
?C:.
?H:#$i_fp_class I_FP_CLASS /**/
?H:.
?LINT:set i_fp_class
: see if this is a fp_class.h system
set fp_class.h i_fp_class
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_fp_class.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: You may redistribute only under the terms of the Artistic Licence,
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS:
?MAKE:i_fenv: Inhdr
?MAKE: -pick add $@ %<
?S:i_fenv:
?S: This variable conditionally defines the I_FENV symbol, which
?S: indicates to the C program that <fenv.h> exists and should
?S: be included.
?S:.
?C:I_FENV:
?C: This symbol, if defined, indicates to the C program that it should
?C: include <fenv.h> to get the floating point environment definitions.
?C:.
?H:#$i_fenv I_FENV /**/
?H:.
?LINT:set i_fenv
: see if this is a fenv.h system
set fenv.h i_fenv
```

eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_fenv.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_ualarm: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_ualarm:

?S: This variable conditionally defines the HAS\_UALARM symbol, which

?S: indicates to the C program that the ualarm() routine is available.

?S:.

?C:HAS\_UALARM:

?C: This symbol, if defined, indicates that the ualarm routine is

?C: available to do alarms with microsecond granularity.

?C:.

?H:#\$d\_ualarm HAS\_UALARM /\*\*/

?H:.

?LINT:set d\_ualarm

: see if ualarm exists

set ualarm d\_ualarm

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_ualarm.U

No license file was found, but licenses were detected in source scan.

/\*

\* \$Id: dup2.C,v 3.0.1.1 1994/01/24 13:58:37 ram Exp ram \$

\*

\* Copyright (c) 1991-1997, 2004-2006, Raphael Manfredi

\*

\* You may redistribute only under the terms of the Artistic Licence,

\* as specified in the README file that comes with the distribution.

\* You may reuse parts of this distribution only within the terms of

\* that same Artistic Licence; a copy of which may be found at the root

\* of the source tree for dist 4.0.

\*

\* Original Author: Larry Wall <lwall@netlabs.com>

```
*
* $Log: dup2.C,v $
* Revision 3.0.1.1 1994/01/24 13:58:37 ram
* patch16: created
*
*/
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/dist/lib/C/fake/dup2.C
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_mntent.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999 Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:i_mntent: Inhdr Hasfield
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_mntent:
```

```
?S: This variable conditionally defines the I_MNTENT symbol, and indicates
```

```
?S: whether a C program should include <mntent.h>.
```

```
?S:.
```

```
?C:I_MNTENT:
```

```
?C: This symbol, if defined, indicates that <mntent.h> exists and
```

```
?C: should be included.
```

```
?C:.
```

```
?H:#$i_mntent I_MNTENT /**/
```

```
?H:.
```

```
?LINT:set i_mntent
```

```
: see if this is a mntent.h system
```

```
set mntent.h i_mntent
```

```
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_mntent.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_log2: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_log2:
```

```
?S: This variable conditionally defines the HAS_LOG2 symbol, which
```

?S: indicates to the C program that the log2() routine is available

?S: to compute log base two.

?S:.

?C:HAS\_LOG2:

?C: This symbol, if defined, indicates that the log2 routine is

?C: available to do the log2 function.

?C:.

?H:#\$d\_log2 HAS\_LOG2 /\*\*/

?H:.

?LINT:set d\_log2

: see if log2 exists

set log2 d\_log2

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_log2.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2017 Dagfinn Ilmari Mannsåker

?RCS:

?RCS: You may distribute under the terms of either the GNU General Public

?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_strnlen: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_strnlen:

?S: This variable conditionally defines the HAS\_STRNLEN symbol, which

?S: indicates to the C program that the strnlen () routine is available.

?S:.

?C:HAS\_STRNLEN:

?C: This symbol, if defined, indicates that the strnlen () routine is

?C: available to check the length of a string up to a maximum.

?C:.

?H:#\$d\_strnlen HAS\_STRNLEN /\*\*/

?H:.

?LINT:set d\_strnlen

: see if strnlen exists

set strnlen d\_strnlen

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_strnlen.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$  
?RCS:  
?RCS: Copyright (c) 1998 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:d\_eaccess: Inlibc  
?MAKE: -pick add \$@ %<  
?S:d\_eaccess:  
?S: This variable conditionally defines the HAS\_EACCESS symbol, which  
?S: indicates to the C program that the eaccess() routine is available.  
?S:.  
?C:HAS\_EACCESS :  
?C: This symbol, if defined, indicates that the eaccess routine is  
?C: available to do extended access checks.  
?C:.  
?H:#\$d\_eaccess HAS\_EACCESS /\*\*/  
?H:.  
?LINT:set d\_eaccess  
: see if eaccess exists  
set eaccess d\_eaccess  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/acl/d\_eaccess.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_sysuio.U,v \$  
?RCS:  
?RCS: Copyright (c) 1998 Jarkko Hietaniemi  
?RCS:  
?RCS: You may distribute under the terms of either the GNU General Public  
?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:i\_sysuio: Inhdr  
?MAKE: -pick add \$@ %<  
?S:i\_sysuio:  
?S: This variable conditionally defines the I\_SYSUIO symbol, and indicates  
?S: whether a C program should include <sys/uio.h>.  
?S:.  
?C:I\_SYSUIO:  
?C: This symbol, if defined, indicates that <sys/uio.h> exists and  
?C: should be included.  
?C:.  
?H:#\$i\_sysuio I\_SYSUIO /\*\*/  
?H:.



```
?LINT:set i_sysuio
: see if this is a sys/uio.h system
set sys/uio.h i_sysuio
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/modified/i_sysuio.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: Id
```

```
?RCS:
```

```
?RCS: Copyright (c) 2019 Karl Williamson
```

```
?RCS:
```

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_towupper: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_towupper:
```

```
?S: This variable conditionally defines the HAS_TOWUPPER symbol, which
```

```
?S: indicates to the C program that the towupper() routine is available.
```

```
?S:.
```

```
?C:HAS_TOWUPPER:
```

```
?C: This symbol, if defined, indicates that the towupper () routine is
```

```
?C: available to do case conversion.
```

```
?C:.
```

```
?H:#$d_towupper HAS_TOWUPPER /**/
```

```
?H:.
```

```
?LINT:set d_towupper
```

```
: see if towupper exists
```

```
set towupper d_towupper
```

```
eval $inlibc
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d_towupper.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: You may distribute under the terms of either the GNU General Public
```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:d_expm1: Inlibc
```

```
?MAKE: -pick add $@ %<
```

```
?S:d_expm1:
```

```
?S: This variable conditionally defines the HAS_EXPM1 symbol, which
```

```
?S: indicates to the C program that the expm1() routine is available.
```

```
?S:.
```



Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/metaconfig.html

No license file was found, but licenses were detected in source scan.

?RCS: \$Id\$

?RCS:

?RCS: Copyright (c) 2000 Jarkko Hietaniemi

?RCS:

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_getitimer: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_getitimer:

?S: This variable conditionally defines the HAS\_GETITIMER symbol, which

?S: indicates to the C program that the getitimer() routine is available.

?S:.

?C:HAS\_GETITIMER:

?C: This symbol, if defined, indicates that the getitimer routine is

?C: available to return interval timers.

?C:.

?H:#\$d\_getitimer HAS\_GETITIMER /\*\*/

?H:.

?LINT:set d\_getitimer

: see if getitimer exists

set getitimer d\_getitimer

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_getitimer.U

No license file was found, but licenses were detected in source scan.

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:i\_quadmath: Inhdr

?MAKE: -pick add \$@ %<

?S:i\_quadmath:

?S: This variable conditionally defines I\_QUADMATH, which indicates

?S: to the C program that it should include <quadmath.h>.

?S:.

?C:I\_QUADMATH:

?C: This symbol, if defined, indicates that <quadmath.h> exists and

?C: should be included.

?C:.

?H:#\$i\_quadmath I\_QUADMATH /\*\*/

```
?H:
?LINT:set i_quadmath
: see if this is a quadmath.h system
set quadmath.h i_quadmath
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_quadmath.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_poll.U,v $
?RCS:
?RCS: Copyright (c) 2001 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:i_langinfo: Inhdr Hasfield
?MAKE: -pick add $@ %<
?S:i_langinfo:
?S: This variable conditionally defines the I_LANGINFO symbol,
?S: and indicates whether a C program should include <langinfo.h>.
?S:
?C:I_LANGINFO:
?C: This symbol, if defined, indicates that <langinfo.h> exists and
?C: should be included.
?C:
?H:#$i_langinfo I_LANGINFO /**/
?H:
?LINT:set i_langinfo
: see if this is a langinfo.h system
set langinfo.h i_langinfo
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_langinfo.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: Id
?RCS:
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
?RCS:
?RCS: You may distribute under the terms of either the GNU General Public
?RCS: License or the Artistic License, as specified in the README file.
?RCS:
?MAKE:d_fp_class!: Inlibc
```

?MAKE: -pick add \$@ %<  
?S:d\_fp\_classl:  
?S: This variable conditionally defines the HAS\_FP\_CLASSL symbol, which  
?S: indicates to the C program that the fp\_classl() routine is available.  
?S:.  
?C:HAS\_FP\_CLASSL:  
?C: This symbol, if defined, indicates that the fp\_classl routine is  
?C: available to classify long doubles. Available for example in  
?C: Digital UNIX. See for possible values HAS\_FP\_CLASS.  
?C:.  
?H:#\$d\_fp\_classl HAS\_FP\_CLASSL /\*\*/  
?H:.  
?LINT:set d\_fp\_classl  
: see if fp\_classl exists  
set fp\_classl d\_fp\_classl  
eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_fp\_classl.U

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?RCS: License or the Artistic License, as specified in the README file.

?RCS:

?MAKE:d\_nan: Inlibc

?MAKE: -pick add \$@ %<

?S:d\_nan:

?S: This variable conditionally defines HAS\_NAN if nan() is

?S: available to generate NaN.

?S:.

?C:HAS\_NAN:

?C: This symbol, if defined, indicates that the nan routine is

?C: available to generate NaN.

?C:.

?H:#\$d\_nan HAS\_NAN /\*\*/  
?H:.

?LINT:set d\_nan

: see if nan exists

set nan d\_nan

eval \$inlibc

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/d\_nan.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_shadow.U,v \$

?RCS:  
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?RCS:  
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?RCS: License or the Artistic License, as specified in the README file.  
?RCS:  
?MAKE:i\_prot: Inhdr Hasfield  
?MAKE: -pick add \$@ %<  
?S:i\_prot:  
?S: This variable conditionally defines the I\_PROT symbol, and indicates  
?S: whether a C program should include <prot.h>.  
?S:.  
?C:I\_PROT:  
?C: This symbol, if defined, indicates that <prot.h> exists and  
?C: should be included.  
?C:.  
?H:#\$i\_prot I\_PROT /\*\*/  
?H:.  
?LINT:set i\_prot  
: see if this is a prot.h system  
set prot.h i\_prot  
eval \$inhdr

Found in path(s):

\* /opt/cola/permits/1705628988\_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i\_prot.U

No license file was found, but licenses were detected in source scan.

?RCS: \$Id: i\_sysutsname.U,v \$  
?RCS:  
?RCS: Copyright (c) 2000 Jarkko Hietaniemi  
?RCS:  
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?RCS:  
?MAKE:i\_sysutsname: Inhdr Hasfield  
?MAKE: -pick add \$@ %<  
?S:i\_sysutsname:  
?S: This variable conditionally defines the I\_SYSUTSNAME symbol,  
?S: and indicates whether a C program should include <sys/utsname.h>.  
?S:.  
?C:I\_SYSUTSNAME:  
?C: This symbol, if defined, indicates that <sys/utsname.h> exists and  
?C: should be included.  
?C:.  
?H:#\$i\_sysutsname I\_SYSUTSNAME /\*\*/  
?H:.  
?LINT:set i\_sysutsname

```
: see if this is a sys/utsname.h system
set sys/utsname.h i_sysutsname
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysutsname.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: $Id: i_sysmode.U,v $
```

```
?RCS:
```

```
?RCS: Copyright (c) 2000 Jarkko Hietaniemi
```

```
?RCS:
```

```
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```

```
?RCS: License or the Artistic License, as specified in the README file.
```

```
?RCS:
```

```
?MAKE:i_sysmode: Inhdr Hasfield
```

```
?MAKE: -pick add $@ %<
```

```
?S:i_sysmode:
```

```
?S: This variable conditionally defines the I_SYSMODE symbol,
```

```
?S: and indicates whether a C program should include <sys/mode.h>.
```

```
?S:.
```

```
?C:I_SYSMODE:
```

```
?C: This symbol, if defined, indicates that <sys/mode.h> exists and
```

```
?C: should be included.
```

```
?C:.
```

```
?H:#$i_sysmode I_SYSMODE /**/
```

```
?H:.
```

```
?LINT:set i_sysmode
```

```
: see if this is a sys/mode.h system
```

```
set sys/mode.h i_sysmode
```

```
eval $inhdr
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/i_sysmode.U
```

No license file was found, but licenses were detected in source scan.

```
?RCS: Id
```

```
?RCS:
```

```
?RCS: Copyright (c) 1999, Jarkko Hietaniemi
```

```
?RCS:
```

```
?RCS: You may redistribute only under the terms of the Artistic License,
```

```
?RCS: as specified in the README file that comes with the distribution.
```

```
?RCS: You may reuse parts of this distribution only within the terms of
```

```
?RCS: that same Artistic License; a copy of which may be found at the root
```

```
?RCS: of the source tree for dist 3.0.
```

```
?RCS:
```

```
?MAKE:full_ar: ar
?MAKE: -pick add $@ %<
?S:full_ar:
?S: This variable contains the full pathname to 'ar', whether or
?S: not the user has specified 'portability'. This is only used
?S: in the Makefile.SH.
?S:.
: Store the full pathname to the ar program for use in the C program
: Respect a hint or command line value for full_ar.
case "$full_ar" in
") full_ar=$ar ;;
esac
```

Found in path(s):

```
* /opt/cola/permits/1705628988_1687398350.718496/0/perl-5-30-0-orig-regen-configure-1-tar-gz/metaconfig-5.30.0/U/perl/Loc_ar.U
```

# 1.954 perl 5.30.0-9ubuntu0.4

## 1.954.1 Available under license :

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A Package

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The End

Perl5 Metaconfig Units

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These units are the ones used to build Configure and config\_h.SH in the Perl5 distribution.

metaconfig will first look in its standard locations (specified when you installed dist). It will then recurse through the 'U' subdirectory and find any additional "private" units. Private units override standard ones supplied with metaconfig.

Files in this directory:

README

This file.

Glossary.patch

The standard dist units contain some strings that make pod2man complain. This patch silences those warnings. As new units are added and Configure is regenerated, this patch may need more and more 'fuzz' to be applied. It should be freshly regenerated every once in a while. See also mkgloss.pl

In-all.pl

Re-generate the all/ folder

mkglossary

A script to regenerate Porting/Glossary. You have to manually edit

the top of the script to point the location of your metaconfig units. It is called automatically by 'mksample'. See also mkgloss.pl

#### mkgloss.pl

A perl script that calls U/mkglossary from the perl source tree, sorts the list of symbols, and applies the patch mentioned in Glossary.patch. When called on its own, redirect the output to a temporary file, and compare that file to Porting/Glossary before applying.

#### mksample

A script to regenerate Porting/config.sh and Porting/config.H. It also calls mkglossary, if necessary.

#### Subdirectories:

The units and other related files have been broken up into the following directories.

#### a\_dvisory/

These are units that have to go first in the generated config\_h.SH. A word of explanation: Configure and config\_h.SH are generated from 'Units' (the \*.U files). Files indicate dependencies (using make(1)), and Configure is built to follow those dependencies. However, config\_h.SH is simply built by putting all the units in alphabetical order and extracting the relevant lines. (This could be fixed, I suppose, but it wasn't trivial the one time I looked.) The a\_dvisory/ directory, then, is a place to put units that need to be early in config\_h.SH. (Most units are self-contained and ought to be able to go anywhere. However, some things, like byteorder, need to have the #defines from multiarch available.)

#### acl/

This is an old patch to begin to detect and use ACL (access control list) file protection schemes.

#### all/

A folder that conveniently holds symbolic links to all the modules that are used to build the current Configure and config\_h.SH.

#### compline/

These are similar to the standard units, but I have modified them to have a more uniform compile command line, usually using the new Compile.U unit. (The ccflags.U unit is perl-specific since it mentions -DDEBUGGING and -DPOSIX\_SOURCE, but that's the only place it is perl-specific.)

#### dist\_patches/

These are patches to dist that must be applied before it is built and installed. I have submitted these for inclusion in the regular dist distribution. They have already been applied to the ../dist-3.0at70b directory.

#### ebcdic/

These are units that had to be specially modified to work under either EBCDIC or ASCII.

#### installdirs/

These are units to handle perl's installation directories and related issues.

#### modified/

These are modified versions of the standard units. Also included in this directory are new units that are clearly derived from existing units. I have submitted these for inclusion in the regular dist distribution.

#### nullified/

These are null units that replace units in the standard distribution. Typically they are there because some part of the perl source accidentally uses a symbol that metaconfig thinks means we want the corresponding unit.

#### perl/

These are specific to perl. Some are heavily derived from original dist units, and are marked as such. Others are original.

#### perl\_patches/

These are patches to the perl source. This directory should ordinarily be empty, but there may have been drift between the standard version of perl and the one associated with these units.

#### protos/

These are units modified to use the new Hasproto.U or Protochk.U units to check for prototypes.

#### threads/

These are specific to threading perl.

#### typedefs/

These are standard units modified to use the modified Typedef.U unit to check for typedefs. (The modified Typdef.U includes a function to avoid unnecessary prompts if the typedef being searched for exists.)

Where appropriate, I submitted these units for inclusion into the regular dist distribution. However, since dist is no longer actively maintained, and the alternative is for \*me\* to actively maintain it, the units just sit here.

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Which one to use is your choice.

The units in the "modified" directory have been derived from units associated with the metaconfig program of Raphael Manfredi's "dist" distribution. These units list Raphael Manfredi as the Copyright holder. dist is distributed under a modified version of the Perl Artistic License. Clause 7 of this modified license as contained in dist-3.0-pl60 provides:

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If you have any questions about the use of these units or about the differences between these units and the standard versions, please feel free to ask.

Andy Dougherty [doughera@lafayette.edu](mailto:doughera@lafayette.edu)

Dept. of Physics

Lafayette College

Easton, PA 18042-1782

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# 1.955 reload4j 2.20.0

## 1.955.1 Available under license :

Apache Log4j Core

Copyright 1999-2012 Apache Software Foundation

This product includes software developed at  
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ResolverUtil.java

Copyright 2005-2006 Tim Fennell

Apache License

Version 2.0, January 2004

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Version 3, 29 June 2007

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# 1.962 util-linux 2.34-0.1ubuntu9.4

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(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.)

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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

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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.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine 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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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 materials to be 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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# 1.964 libnss-nis 2.31

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(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

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate

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- 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

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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  
slave/kpropr\_rpc.c  
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This package is currently maintained by Santiago Vila <sanvila@debian.org> and built from sources obtained from:

<ftp://ftp.info-zip.org/pub/infozip/src/unzip60.tgz>

The changes were fairly minimal, and consisted solely of adding various debian/\* files to the distribution, plus several miscellaneous fixes as reflected in the Debian changelog.

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Source: <https://github.com/Cyan4973/xxHash>

Comment: The library files `xxhash.c` and `xxhash.h` are BSD licensed.

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Upstream-Name: GnuPG - The GNU Privacy Guard (modern version)

Upstream-Contact: GnuPG development mailing list <gnupg-devel@gnupg.org>

Source: <https://gnupg.org/download/>

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This debian package was first created by Michael Stone <mstone@debian.org>, from coreutils 4.5.1.

Changes:

- \* added Debian GNU/Linux package maintenance system files
- \* at times, bug fixes awaiting inclusion in the upstream source

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lib/fts.c

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Upstream-Contact: bug-ncurses@gnu.org  
Thomas Dickey <dickey@his.com>  
Source: <https://invisible-mirror.net/archives/ncurses/>

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Anthony Green <green@redhat.com>

GCC developers

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This package was put together by Klee Dienes <klee@debian.org> from sources from `ftp.python.org:/pub/python`, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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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 (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related

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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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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
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
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2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009		
PSF	yes			
3.0	2.6	2008	PSF	yes

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Upstream-Name: libnsl

Upstream-Contact: Thorsten Kukuk <kukuk@thkukuk.de>

Source: <https://github.com/thkukuk/libnsl>

Files: debian/\*

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configure.ac

config.h.in

libnsl.pc.in

Makefile.am

NEWS

README

src/Makefile.am

src/do\_ypcall.c

src/internal.h

src/libnsl.map

src/nisplus/nis\_error.c

src/taddr2host.c

src/taddr2ipstr.c

src/taddr2port.c

src/yp\_first.c

src/yp\_get\_default\_domain.c

src/yp\_maplist.c

src/yp\_master.c

src/yp\_match.c

src/yp\_next.c

src/yp\_order.c

src/ypbinderr\_string.c

src/yperr\_string.c

src/ypprot\_err.c

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Files: src/libc-lock.h

src/nisplus/nis\_add.c

src/nisplus/nis\_addmember.c

src/nisplus/nis\_call.c

src/nisplus/nis\_callback.c

src/nisplus/nis\_checkpoint.c

src/nisplus/nis\_clone\_dir.c



src/nisplus/nis\_clone\_obj.c  
src/nisplus/nis\_clone\_res.c  
src/nisplus/nis\_creategroup.c  
src/nisplus/nis\_defaults.c  
src/nisplus/nis\_destroygroup.c  
src/nisplus/nis\_domain\_of.c  
src/nisplus/nis\_domain\_of\_r.c  
src/nisplus/nis\_file.c  
src/nisplus/nis\_findserv.c  
src/nisplus/nis\_free.c  
src/nisplus/nis\_getservlist.c  
src/nisplus/nis\_hash.c  
src/nisplus/nis\_intern.h  
src/nisplus/nis\_ismember.c  
src/nisplus/nis\_local\_names.c  
src/nisplus/nis\_lookup.c  
src/nisplus/nis\_mkdir.c  
src/nisplus/nis\_modify.c  
src/nisplus/nis\_ping.c  
src/nisplus/nis\_print.c  
src/nisplus/nis\_print\_group\_entry.c  
src/nisplus/nis\_remove.c  
src/nisplus/nis\_removemember.c  
src/nisplus/nis\_rmdir.c  
src/nisplus/nis\_server.c  
src/nisplus/nis\_subr.c  
src/nisplus/nis\_table.c  
src/nisplus/nis\_util.c  
src/nisplus/nis\_verifygroup.c  
src/nisplus/nis\_xdr.c  
src/nisplus/nis\_xdr.h  
src/rpcsvc/nislib.h  
src/rpcsvc/ypclnt.h

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Files: src/rpcsvc/nis\_callback.h

src/rpcsvc/nis\_callback.x  
src/rpcsvc/nis\_object.x  
src/rpcsvc/nis\_tags.h  
src/rpcsvc/nis.h  
src/rpcsvc/nis.x  
src/rpcsvc/yp.h  
src/rpcsvc/yp.x  
src/rpcsvc/yp\_prot.h  
src/rpcsvc/yppasswd.h  
src/rpcsvc/yppasswd.x  
src/rpcsvc/ypupd.h

src/yp\_xdr.c

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src/Makefile.in

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config.guess

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Files: compile

depcomp

missing

test-driver

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Files: config.rpath

m4/gettext.m4

m4/host-cpu-c-abi.m4

m4/iconv.m4

m4/intlmacosx.m4

m4/lib-ld.m4

m4/lib-link.m4  
m4/lib-prefix.m4  
m4/libtool.m4  
m4/ltoptions.m4  
m4/ltsugar.m4  
m4/ltversion.m4  
m4/lt~obsolete.m4  
m4/nls.m4  
m4/po.m4  
m4/progtest.m4

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Files: ABOUT-NLS

po/Makefile.in.in  
po/Makevars  
po/POTFILES.in  
po/Rules-quot  
po/boldquot.sed  
po/en@boldquot.header  
po/en@quot.header  
po/insert-header.sin  
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Special thanks are due to Chip Rosenthal for his fine testing efforts; to Steve Simmons for his work in porting this code to BSD; and to Bill Kennedy for his contributions of LaserJet printer time and energies. Also, thanks for Dennis L. Mumaugh for the initial shadow password information and to Tony Walton (olapw@olgb1.oliv.co.uk) for the System



V Release 4 changes. Effort in porting to SunOS has been contributed by Dr. Michael Newberry (miken@cs.adfa.oz.au) and Micheal J. Miller, Jr. (mke@kaber.drain.com). Effort in porting to AT&T UNIX System V Release 4 has been provided by Andrew Herbert (andrew@werple.pub.uu.oz.au). Special thanks to Marek Michalkiewicz (marekm@i17linuxb.ists.pwr.wroc.pl) for taking over the Linux port of this software.

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cpan/autodie/lib/autodie/exception.pm

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cpan/autodie/lib/autodie/Util.pm

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cpan/Compress-Raw-Bzip2/bzip2-src/README states:

Note that the files bzip2.c, bzip2recover.c, bzlib.c & decompress.c have been modified to allow them to build with a C++ compiler.

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Files:

cpan/CPAN-Meta/lib/CPAN/Meta/History/Meta\_1\_0.pod

cpan/CPAN-Meta/lib/CPAN/Meta/History/Meta\_1\_1.pod

cpan/CPAN-Meta/lib/CPAN/Meta/History/Meta\_1\_2.pod

cpan/CPAN-Meta/lib/CPAN/Meta/History/Meta\_1\_3.pod

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Files:

cpan/File-Fetch/\*

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cpan/Locale-Maketext-Simple/t/po\_with\_i\_default/fr.po

cpan/Locale-Maketext-Simple/t/po\_with\_i\_default/en.po

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Files:

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cpan/podlators/t/data/basic.cap

cpan/podlators/t/data/basic.clr

cpan/podlators/t/data/basic.man  
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cpan/podlators/t/docs/pod.t  
cpan/podlators/t/docs/synopsis.t  
cpan/podlators/t/lib/Test/RRA.pm  
cpan/podlators/t/lib/Test/RRA/Config.pm  
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Upstream-Author: Stepan Roh <[src@users.sourceforge.net](mailto:src@users.sourceforge.net)> (original author),

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Source: <https://dejavu-fonts.github.io/>

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.buckversion

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Files: zlibWrapper/examples/\*.c

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Upstream-Contact: Colin Watson <cjwatson@debian.org>

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It was later taken over by Matthias Urlichs <smurf@debian.org> and is now maintained by Andreas Metzler <ametzler@debian.org> Eric Dorland <eric@debian.org>, James Westby <jw+debian@jameswestby.net>

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man/humanize\_number.3bsd

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src/arc4random\_uniform.c

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src/arc4random\_win.h

src/closefrom.c

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Upstream-Contact: Tatsuhiro Tsujikawa <t-tujikawa@users.sourceforge.net>

Source: <https://github.com/tatsuhiro-t/nhttp2>

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Upstream-Contact: Bruno Haible <bruno@clisp.org>

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From: Juan Gomez <juang@us.ibm.com>  
To: Stephen Frost <sfrost@debian.org>  
X-Mailer: Lotus Notes Release 5.0.2a (Intl) 23 November 1999  
Subject: Re: Juan C. Gomez license in OpenLDAP Source

Stephen,

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Regards, Juan

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From: Mark Adamson <adamson@andrew.cmu.edu>  
To: Stephen Frost <sfrost@debian.org>  
Subject: Re: Mark Adamson license in OpenLDAP source

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After discussing this license with the OpenLDAP Foundation we received clarification on it:

---

\* To: Stephen Frost <[sfrost@snowman.net](mailto:sfrost@snowman.net)>

\* Subject: Re: OpenLDAP Licenseing issues

\* From: "Kurt D. Zeilenga" <[Kurt@OpenLDAP.org](mailto:Kurt@OpenLDAP.org)>



\* Date: Wed, 28 May 2003 10:55:44 -0700  
\* Cc: Steve Langasek <vorlon@netexpress.net>,debian-legal@lists.debian.org, openldap-devel@OpenLDAP.org  
\* In-reply-to: <20030528162613.GB8524@ns.snowman.net>  
\* Message-id: <5.2.0.9.0.20030528094229.02924780@127.0.0.1>  
\* Old-return-path: <Kurt@OpenLDAP.org>

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Regards, Kurt

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From strings/apr\_strnatcmp.c, include/apr\_strings.h:

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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.

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Current upstream maintainer is James Youngman <jay@gnu.org>.

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This is the Debian GNU/Linux prepackaged version of libxcrypt.

It has been packaged by Marco d'Itri <md@linux.it>.

Original sources were obtained from:

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The deflate format used by zlib was defined by Phil Katz. The deflate and zlib specifications were written by Peter Deutsch. Thanks to all the people who reported problems and suggested various improvements in zlib; they are too numerous to cite here.

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Murdock, Ted Hajek <tedhajek@boombox.micro.umn.edu>, and Sven Rudolph  
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Since Nov 27 1996, it was maintained by Guy Maor <maor@debian.org>. He rewrote most of it.

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Files: lib/compat/md5.\*

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Python License

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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 (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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Release	Derived from	Year	Owner	GPL-compatible? (1)
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
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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Mersenne Twister

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The `'_random'` module includes code based on a download from `'http://www.math.keio.ac.jp/~matumoto/MT2002/emt19937ar.html'`. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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<http://www.math.keio.ac.jp/matumoto/emt.html>

email: [matumoto@math.keio.ac.jp](mailto:matumoto@math.keio.ac.jp)

#### Sockets

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UUencode and UUdecode functions

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- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
- Arguments more compliant with python standard

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.  
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3.0 (December 2000)

.  
Optimised ANSI C code for the Rijndael cipher (now AES)

.  
@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

@author Paulo Barreto <paulo.barreto@terra.com.br>

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This is the Debian GNU/Linux prepackaged version of the GNU compiler collection, containing Ada, C, C++, D, Fortran 95, Go, Objective-C, Objective-C++, and Modula-2 compilers, documentation, and support libraries. In addition, Debian provides the gm2 compiler, either in the same source package, or built from a separate same source package.

Packaging is done by the Debian GCC Maintainers  
<debian-gcc@lists.debian.org>, with sources obtained from:

<ftp://gcc.gnu.org/pub/gcc/releases/> (for full releases)

<svn://gcc.gnu.org/svn/gcc/> (for prereleases)

<ftp://sourceware.org/pub/newlib/> (for newlib)

<git://git.savannah.gnu.org/gm2.git> (for Modula-2)

The current gcc-9 source package is taken from the SVN gcc-9-branch.

Changes: See changelog.Debian.gz

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

Language	Compiler package	Library package	Documentation
Ada	gnat-9	libgnat-9	gnat-9-doc
BRIG	gccbrig-9	libhsail-rt0	
C	gcc-9		gcc-9-doc
C++	g++-9	libstdc++6	libstdc++6-9-doc
D	gdc-9		
Fortran 95	gfortran-9	libgfortran3	gfortran-9-doc
Go	gccgo-9	libgo0	
Objective C	gobjc-9	libobjc2	
Objective C++	gobjc++-9		
Modula-2	gm2-9	libgm2	

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

Language	Sources	Development	Debugging	Position-Independent
C++		libstdc++6-9-dev	libstdc++6-9-dbg	libstdc++6-9-pic
D	libphobos-9-dev			

Additional packages include:

All languages:

libgcc1, libgcc2, libgcc4

GCC intrinsics (platform-dependent)

gcc-9-base Base files common to all compilers

gcc-9-soft-float Software floating point (ARM only)

gcc-9-source The sources with patches

Ada:

libgnatvsn-dev, libgnatvsn9 GNAT version library

C:

cpp-9, cpp-9-doc GNU C Preprocessor

libssp0-dev, libssp0 GCC stack smashing protection library

libquadmath0 Math routines for the \_\_float128 type

fixincludes Fix non-ANSI header files

C, C++ and Fortran 95:

libgomp1-dev, libgomp1 GCC OpenMP (GOMP) support library  
libitm1-dev, libitm1 GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can also run 64-bit code, Debian provides additional packages with names beginning with 'lib64' instead of 'lib'. These packages contain 64-bit versions of the libraries. (At this time, not all platforms and not all libraries support biarch.) The license terms for these lib32 or lib64 packages are identical to the ones for the lib packages.

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gcc/emults.c, gcc/gbl-ctors.h, gcc/gcov-io.h, gcc/libgcov.c,  
gcc/tssystem.h, gcc/typeclass.h).

- libatomic
- libdecnumber
- libgomp
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- libssp
- libstdc++-v3
- libobjc
- libgfortran
- The libgnat-9 Ada support library and libgnatvsn library.
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libquadmath/math:

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coshq.c, erfq.c, jnq.c, lgammaq.c, powq.c, roundq.c:

Changes for 128-bit \_\_float128 are

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- \* Conversion to long double by Ulrich Drepper,
- \* Cygnus Support, drepper@cygnus.com.

cosq\_kernel.c, expq.c, sincos\_table.c, sincosq.c, sincosq\_kernel.c, sinq\_kernel.c, truncq.c:

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Cephes Math Library Release 2.2: January, 1991

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D:

gdc-9                    GNU D Compiler  
libphobos-9-dev        D standard runtime library

The D source package is made up of the following components.

The D front-end for GCC:

- d/\*

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- d/dmd/\*

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The Zlib data compression library:  
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- d/phobos/\*

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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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Upstream-Name: package

Source: <https://sourceforge.net/projects/libtirpc/>

Files: \*

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Files: debian/\*

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Files: src/auth\_des.c  
src/auth\_none.c  
src/auth\_unix.c  
src/authdes\_prot.c  
src/authunix\_prot.c  
src/bindresvport.c  
src/clnt\_bcast.c  
src/clnt\_perror.c  
src/clnt\_raw.c  
src/clnt\_simple.c  
src/clnt\_vc.c  
src/debug.c  
src/debug.h  
src/des\_crypt.c  
src/getnetconfig.c  
src/getnetpath.c  
src/getrpcent.c  
src/getrpcport.c

src/key\_call.c  
src/key\_prot\_xdr.c  
src/pmap\_clnt.c  
src/pmap\_getmaps.c  
src/pmap\_getport.c  
src/pmap\_prot.c  
src/pmap\_prot2.c  
src/pmap\_rmt.c  
src/rpc\_callmsg.c  
src/rpc\_com.h  
src/rpc\_commdata.c  
src/rpc\_dtablesize.c  
src/rpc\_generic.c  
src/rpc\_prot.c  
src/rpc\_soc.c  
src/rpcb\_prot.c  
src/rpcb\_st\_xdr.c  
src/rtime.c  
src/svc\_auth.c  
src/svc\_auth\_des.c  
src/svc\_auth\_unix.c  
src/svc\_dg.c  
src/svc\_generic.c  
src/svc\_raw.c  
src/svc\_simple.c  
src/svc\_vc.c  
src/xdr\_array.c  
src/xdr\_float.c  
src/xdr\_mem.c  
src/xdr\_rec.c  
src/xdr\_reference.c  
src/xdr\_sizeof.c  
src/xdr\_stdio.c  
tirpc/rpc/auth\_des.h  
tirpc/rpc/auth\_unix.h  
tirpc/rpc/des\_crypt.h  
tirpc/rpc/pmap\_clnt.h  
tirpc/rpc/pmap\_prot.h  
tirpc/rpc/pmap\_rmt.h  
tirpc/rpc/raw.h  
tirpc/rpc/rpc\_com.h  
  
tirpc/rpc/rpc\_msg.h  
tirpc/rpc/rpcb\_clnt.h  
tirpc/rpc/rpcb\_prot.h  
tirpc/rpc/svc\_auth.h

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config.guess  
config.sub  
configure  
depcomp  
doc/Makefile.in  
install-sh  
ltmain.sh  
m4/libtool.m4  
m4/ltoptions.m4  
m4/ltsugar.m4  
m4/ltversion.m4  
m4/lt~obsolete.m4  
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src/Makefile.in

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Files: man/rpc\_gss\_get\_error.3t  
man/rpc\_gss\_get\_mech\_info.3t  
man/rpc\_gss\_get\_mechanisms.3t  
man/rpc\_gss\_get\_principal\_name.3t  
man/rpc\_gss\_get\_versions.3t  
man/rpc\_gss\_getcred.3t  
man/rpc\_gss\_is\_installed.3t  
man/rpc\_gss\_max\_data\_length.3t  
man/rpc\_gss\_mech\_to\_oid.3t  
man/rpc\_gss\_qop\_to\_num.3t  
man/rpc\_gss\_seccreate.3t  
man/rpc\_gss\_set\_callback.3t  
man/rpc\_gss\_set\_defaults.3t  
man/rpc\_gss\_set\_svc\_name.3t  
man/rpc\_gss\_svc\_max\_data\_length.3t  
man/rpcsec\_gss.3t

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Files: src/auth\_gss.c  
src/authgss\_prot.c  
src/svc\_auth\_gss.c  
src/svc\_auth\_none.c  
tirpc/rpc/auth\_gss.h

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Files: src/binddynport.c  
src/rpc\_gss\_utils.c  
tirpc/rpc/rpcsec\_gss.h  
tirpc/rpc/svc\_auth\_gss.h

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Files: src/clnt\_generic.c  
src/rpcb\_clnt.c

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tirpc/rpcsvc/crypt.x

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Files: src/des\_impl.c

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Files: INSTALL

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Files: tirc/rpc/svc\_mt.h

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Files: src/getpeereid.c

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Files: tirc/un-namespace.h

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Files: tirc/rpc/rpcent.h

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Files: src/epoll\_sub.c

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Files: tirc/rpc/clnt.h

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Files: tirc/rpc/xdr.h

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Files: tirc/rpc/types.h

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Files: tirpc/rpc/clnt\_soc.h  
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Files:  
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This package was assembled from sources obtained from:

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It is currently maintained by Clint Adams <[clint@debian.org](mailto:clint@debian.org)>

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<ftp://ftp.csx.cam.ac.uk/pub/software/programming/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

University of Cambridge Computing Service,  
Cambridge, England.

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Written by: Zoltan Herczeg  
Email local part: hzmester  
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Upstream-Name: libpsl

Source: <https://github.com/rockdaboot/libpsl>

Files: \*

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Files: debian/\*

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Files: src/psl-make-dafsa src/lookup\_string\_in\_fixed\_set.c

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Files: contrib/hg-to-git/hg-to-git.py

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Source: <https://github.com/Cyan4973/lz4>

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Upstream-Contact: sysvinit-devel@nongnu.org

Source: <https://download.savannah.gnu.org/releases/sysvinit/>

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Upstream-Name: XZ Utils

Upstream-Contact:

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<https://tukaani.org/xz/lists.html>

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Subject: Re: XZ utils for Debian

Date: Sun, 19 Jul 2009 13:28:23 +0300

Message-Id: <200907191328.23816.lasse.collin@tukaani.org>

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Origin: configure.ac from XZ Utils,  
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Upstream-Name: brotli

Source: <https://github.com/google/brotli>

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misc/unix/getopt.c,  
file\_io/unix/mktemp.c, strings/apr\_strings.c:

/\*

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From network\_io/unix/inet\_ntop.c, network\_io/unix/inet\_pton.c:

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From strings/apr\_strnatcmp.c, include/apr\_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.  
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Files: \*  
Makefile.am  
src/Makefile.am  
src/assuan-buffer.c

src/assuan-error.c  
src/assuan-inquire.c  
src/assuan-io.c  
src/assuan-listen.c  
src/assuan-pipe-server.c  
src/assuan-socket-connect.c  
src/assuan-socket-server.c  
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src/client.c  
src/context.c  
src/funopen.c  
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src/posix-fd-t.inc.h  
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src/server.c  
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src/stpcpy.c  
src/system-posix.c  
src/system-w32.c  
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src/system.c  
src/w32-fd-t.inc.h  
src/w32-includes.inc.h  
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m4/ltoptions.m4  
m4/ltsugar.m4  
m4/ltversion.m4  
m4/lt~obsolete.m4  
m4/onceonly.m4

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Upstream-Name: Pinentry  
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This is Debian GNU/Linux's prepackaged version of the PCRE regular expression library and associated pgrep utility.

This package was put together by me, Mark Baker <mbaker@iee.org> from the original sources obtained from ftp.csx.cam.ac.uk:/pub/software/programming/pcre.

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions.

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Written by: Philip Hazel  
Email local part: ph10  
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It is now maintained by Andreas Metzler <ametzler@debian.org>, Eric Dorland <eric@debian.org> and James Westby <jw+debian@jameswestby.net>

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Upstream Authors: Fabio Fiorina <fiorinaf@gnutls.org>  
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This package was put together by Yann Dirson <dirson@debian.org>.

from sources obtained from a mirror of:  
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Packaging is done by the Debian GCC Maintainers <[debian-gcc@lists.debian.org](mailto:debian-gcc@lists.debian.org)>, with sources obtained from:

<ftp://gcc.gnu.org/pub/gcc/releases/> (for full releases)

<svn://gcc.gnu.org/svn/gcc/> (for prereleases)

<ftp://sourceware.org/pub/newlib/> (for newlib)

<git://git.savannah.gnu.org/gm2.git> (for Modula-2)

The current gcc-10 source package is taken from the SVN gcc-10-branch.

Changes: See [changelog.Debian.gz](http://changelog.Debian.gz)

Debian splits the GNU Compiler Collection into packages for each language, library, and documentation as follows:

Language	Compiler package	Library package	Documentation
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Ada

	gnat-10	libgnat-10	gnat-10-doc
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BRIG	gccbrig-10	libhsail-rt0	
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C	gcc-10		gcc-10-doc
---	--------	--	------------

C++	g++-10	libstdc++6	libstdc++6-10-doc
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D	gdc-10		
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Fortran 95	gfortran-10	libgfortran5	gfortran-10-doc
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Go	gccgo-10	libgo0	
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Objective C	gobjc-10	libobjc4	
-------------	----------	----------	--

Objective C++	gobjc++-10		
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Modula-2	gm2-10	libgm2	
----------	--------	--------	--

For some language run-time libraries, Debian provides source files, development files, debugging symbols and libraries containing position-independent code in separate packages:

Language	Sources	Development	Debugging	Position-Independent
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C++

		libstdc++6-10-dbg	libstdc++6-10-pic	
--	--	-------------------	-------------------	--

D	libphobos-10-dev			
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Additional packages include:

All languages:

libgcc1,	
libgcc2, libgcc4	GCC intrinsics (platform-dependent)
gcc-10-base	Base files common to all compilers
gcc-10-soft-float	Software floating point (ARM only)
gcc-10-source	The sources with patches

Ada:

libgnat-util10-dev, libgnat-util10 GNAT version library

C:

cpp-10, cpp-10-doc	GNU C Preprocessor
libssp0-dev, libssp0	GCC stack smashing protection library
libquadmath0	Math routines for the __float128 type
fixincludes	Fix non-ANSI header files

C, C++ and Fortran 95:

libgomp1-dev, libgomp1 GCC OpenMP (GOMP) support library  
libitm1-dev, libitm1 GNU Transactional Memory Library

Biarch support: On some 64-bit platforms which can also run 32-bit code, Debian provides additional packages containing 32-bit versions of some libraries. These packages have names beginning with 'lib32' instead of 'lib', for example lib32stdc++6. Similarly, on some 32-bit platforms which can

also run 64-bit code, Debian provides additional packages with names beginning with 'lib64' instead of 'lib'. These packages contain 64-bit versions of the libraries. (At this time, not all platforms and not all libraries support biarch.) The license terms for these lib32 or lib64 packages are identical to the ones for the lib packages.

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- libssp
- libstdc++-v3
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- \* Cygnus Support, drepper@cygnus.com.

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- \* Change for long double by Jakub Jelinek <jj@ultra.linux.cz>
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log10q.c:

Cephes Math Library Release 2.2: January, 1991

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Adapted for glibc November, 2001

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D:

gdc-10                    GNU D Compiler  
libphobos-10-dev        D standard runtime library

The D source package is made up of the following components.

The D front-end for GCC:

- d/\*

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The DMD Compiler implementation of the D programming language:

- d/dmd/\*

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The Zlib data compression library:

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The Phobos standard runtime library:

- d/phobos/\*

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gcc/m2/gm2-libiberty:

gcc/m2/mc-boot/:

gcc/m2/mc-boot-ch/:

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Library module defined by the International Standard  
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Dynalink v.5
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\*\*\*\*\*

----  
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Mesa 3-D  
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```
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include/GL/glxext.h
include/GL/wglxext.h :
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## 1.972 ncurses 6.2-0ubuntu2.1

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Upstream source <https://invisible-island.net/ncurses/ncurses-examples.html>

Current ncurses maintainer: Thomas Dickey <[dickey@invisible-island.net](mailto:dickey@invisible-island.net)>

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-- \$Id: COPYING,v 1.9 2020/02/08 13:34:12 tom Exp \$  
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This package is used for testing builds of ncurses.

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cmd/krb5/kproplog/kproplog.c  
cmd/krb5/slave/kpropd\_rpc.c  
lib/gss\_mechs/mech\_krb5/et/kdb5\_err.c  
lib/gss\_mechs/mech\_spnego/mech/gssapiP\_spnego.h  
lib/gss\_mechs/mech\_spnego/mech/spnego\_mech.c  
lib/krb5/kadm5/kadm\_host\_srv\_names.c  
lib/krb5/kdb/kdb\_convert.c  
lib/krb5/kdb/kdb\_hdr.h  
lib/krb5/kdb/kdb\_log.c  
lib/krb5/kdb/kdb\_log.h  
lib/libgss/g\_accept\_sec\_context.c  
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lib/libgss/g\_canon\_name.c  
lib/libgss/g\_compare\_name.c  
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lib/libgss/g\_delete\_sec\_context.c  
lib/libgss/g\_dsp\_name.c  
lib/libgss/g\_dsp\_status.c  
lib/libgss/g\_dup\_name.c  
lib/libgss/g\_exp\_sec\_context.c  
lib/libgss/g\_export\_name.c  
lib/libgss/g\_glue.c  
lib/libgss/g\_imp\_name.c  
lib/libgss/g\_imp\_sec\_context.c  
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lib/libgss/g\_initialize.c  
lib/libgss/g\_inquire\_context.c  
lib/libgss/g\_inquire\_cred.c  
lib/libgss/g\_inquire\_names.c  
lib/libgss/g\_process\_context.c  
lib/libgss/g\_rel\_buffer.c  
lib/libgss/g\_rel\_cred.c  
lib/libgss/g\_rel\_name.c  
lib/libgss/g\_rel\_oid\_set.c  
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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.. include:: notice.rst

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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/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:

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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## 1.976 sqlite 3.26.0-18.e18\_8

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## 1.977 node.js 14.21.3-

## 1.module+e18.7.0+18531+81d21ca6

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name: license update

on:

schedule:

# 00:00:00 every Monday

# https://crontab.guru/#0\_\*\_\*\_\*\_1

- cron: "0 0 \* \* 1"

workflow\_dispatch:

jobs:

update\_license:

if: github.repository == 'nodejs/node'

runs-on: ubuntu-latest

steps:

- uses: actions/checkout@v2

- run: "./tools/license-builder.sh" # run the license builder tool

- uses: gr2m/create-or-update-pull-request-action@v1.x # create a PR or update the Action's existing PR

env:

GITHUB\_TOKEN: \${{ secrets.GITHUB\_TOKEN }}

with:

title: "doc: run license-builder"

body: "License is likely out of date. This is an automatically generated PR by the `license-builder.yml` GitHub Action, which runs `license-builder.sh` and submits a new PR or updates an existing PR."

commit-message: 'doc: run license-builder'

labels: meta

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```
// Original can be found at:
// https://bitbucket.org/lindenlab/lld
// Modifications by Joshua Bell inexorabletaash@gmail.com
// https://github.com/inexorabletaash/polyfill

// ES3/ES5 implementation of the Khronos Typed Array Specification
// Ref: http://www.khronos.org/registry/typedarray/specs/latest/
// Date: 2011-02-01
//
// Variations:
// * Allows typed_array.get/set() as alias for subscripts (typed_array[])
Copyright (C) 2012-2017 by Ingvar Stepanyan
```

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'./config/archs/BSD-x86_64/asm/crypto/sha/sha1-x86_64.s',
'./config/archs/BSD-x86_64/asm/crypto/sha/sha256-mb-x86_64.s',
'./config/archs/BSD-x86_64/asm/crypto/sha/sha256-x86_64.s',
'./config/archs/BSD-x86_64/asm/crypto/sha/sha512-x86_64.s',
'./config/archs/BSD-x86_64/asm/crypto/whrlpool/wp-x86_64.s',
'./config/archs/BSD-x86_64/asm/crypto/x86_64cpuid.s',
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'OPENSSL_BN_ASM_GF2m',
'SHA1_ASM',
'SHA256_ASM',
'SHA512_ASM',
'KECCAK1600_ASM',
'RC4_ASM',
'MD5_ASM',
'AESNI_ASM',
'VPAES_ASM',
'GHASH_ASM',
'ECP_NISTZ256_ASM',
'X25519_ASM',
'POLY1305_ASM',
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'openssl/crypto/x509v3/v3\_conf.c',  
'openssl/crypto/x509v3/v3\_cpols.c',  
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'openssl/crypto/x509v3/v3_enum.c',
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'openssl/crypto/x509v3/v3err.c',
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'openssl/engines/e_padlock.c',
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'./config/archs/BSD-x86/asm/crypto/aes/vpaes-x86.s',
'./config/archs/BSD-x86/asm/crypto/bf/bf-586.s',
'./config/archs/BSD-x86/asm/crypto/bn/bn-586.s',
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'./config/archs/BSD-x86/asm/crypto/sha/sha512-586.s',
'./config/archs/BSD-x86/asm/crypto/whrlpool/wp-mmx.s',
'./config/archs/BSD-x86/asm/crypto/x86cpuid.s',
'./config/archs/BSD-x86/asm/engines/e_padlock-x86.s',
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'openssl_defines_BSD-x86': [
 'NDEBUG',
 'L_ENDIAN',
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 'OPENSSL_CPUID_OBJ',
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 'OPENSSL_IA32_SSE2',
 'OPENSSL_BN_ASM_MONT',
 'OPENSSL_BN_ASM_GF2m',
 'SHA1_ASM',
 'SHA256_ASM',
 'SHA512_ASM',
 'RC4_ASM',
 'MD5_ASM',
 'RMD160_ASM',
 'AESNI_ASM',
 'VPAES_ASM',
 'WHIRLPOOL_ASM',
 'GHASH_ASM',
 'ECP_NISTZ256_ASM',
 'POLY1305_ASM',
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'openssl_ex_libs_BSD-x86': [
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 './crypto',
 './crypto/include/internal',
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'libraries': ['<@(openssl_ex_libs_BSD-x86)'],
'sources': ['<@(openssl_sources)', '<@(openssl_sources_BSD-x86)'],
}

```

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'sources': ['<@(openssl_sources)', '<@(openssl_sources_BSD-x86_64)'],
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[others]: <https://github.com/json5/json5/contributors>

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wcwidth.js: JavaScript Porting of Markus Kuhn's wcwidth() Implementation

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This package is a JavaScript porting of `wcwidth()` implementation  
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are embedded in `regexp-pcre.js`.

- Layout tests, located in `test/mjsunit/third_party/object-keys`. These are based on layout tests from `webkit.org` which are copyrighted by Apple Computer, Inc. and released under a 3-clause BSD license.
- Strongtalk assembler, the basis of the files `assembler-arm-inl.h`, `assembler-arm.cc`, `assembler-arm.h`, `assembler-ia32-inl.h`, `assembler-ia32.cc`, `assembler-ia32.h`, `assembler-x64-inl.h`, `assembler-x64.cc`, `assembler-x64.h`, `assembler-mips-inl.h`, `assembler-mips.cc`, `assembler-mips.h`, `assembler.cc` and `assembler.h`. This code is copyrighted by Sun Microsystems Inc. and released under a 3-clause BSD license.
- Valgrind client API header, located at `src/third_party/valgrind/valgrind.h`. This is released under the BSD license.
- The Wasm C/C++ API headers, located at `third_party/wasm-api/wasm.{h,hh}`. This is released under the Apache license. The API's upstream prototype implementation also formed the basis of V8's implementation in `src/wasm/c-api.cc`.

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Tests included here are based on build output generated by the six-speed benchmark suite.

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""

```
spdx-license-ids
```

```
[![npm version](https://img.shields.io/npm/v/spdx-license-ids.svg)](https://www.npmjs.com/package/spdx-license-ids)
```

```
[![Github Actions](https://action-badges.now.sh/shinmn/spdx-license-ids)](https://wdp9fww0r9.execute-api.us-west-2.amazonaws.com/production/results/shinmn/spdx-license-ids)
```

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```
Installation
```

[\[Download JSON directly\]\(https://raw.githubusercontent.com/shinmn/spdx-license-ids/master/index.json\)](https://raw.githubusercontent.com/shinmn/spdx-license-ids/master/index.json), or [\[use\]\(https://docs.npmjs.com/cli/install\)](https://docs.npmjs.com/cli/install) `[npm](https://docs.npmjs.com/about-npm/)`:

```
...
```

```
npm install spdx-license-ids
```

```
...
```

```
\[Node.js\]\(https://nodejs.org/\) API
```

```
require('spdx-license-ids')
```

```
Type: `string[]`
```

All license IDs except for the currently deprecated ones.

```
```javascript
```

```
const ids = require('spdx-license-ids');
```

```
//=> ['0BSD', 'AAL', 'ADSL', 'AFL-1.1', 'AFL-1.2', 'AFL-2.0', 'AFL-2.1', 'AFL-3.0', 'AGPL-1.0-only', ...]
```

```
ids.includes('BSD-3-Clause'); //=> true
```

```
ids.includes('CC-BY-1.0'); //=>
```

```
  true
```

```
ids.includes('GPL-3.0'); //=> false
```

```
```
```

```
require('spdx-license-ids/deprecated')
```

Type: `string[]`

Deprecated license IDs.

```
```\njavascript\nconst deprecatedIds = require('spdx-license-ids/deprecated');\n//=> ['AGPL-1.0', 'AGPL-3.0', 'GFDL-1.1', 'GFDL-1.2', 'GFDL-1.3', 'GPL-1.0', 'GPL-2.0', ...]\n\ndeprecatedIds.includes('BSD-3-Clause'); //=> false\ndeprecatedIds.includes('CC-BY-1.0'); //=> false\n\ndeprecatedIds.includes('GPL-3.0'); //=> true\n```\n
```

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```
{  
'variables': {
```

```
'openssl_defines_BSD-x86_64': [  
  'NDEBUG',  
  'L_ENDIAN',  
  'OPENSSL_PIC',  
  'OPENSSL_CPUID_OBJ',  
  'OPENSSL_IA32_SSE2',  
  'OPENSSL_BN_ASM_MONT',  
  'OPENSSL_BN_ASM_MONT5',  
  'OPENSSL_BN_ASM_GF2m',  
  'SHA1_ASM',  
  'SHA256_ASM',  
  'SHA512_ASM',  
  'KECCAK1600_ASM',  
  'RC4_ASM',  
  'MD5_ASM',  
  'AESNI_ASM',  
  'VPAES_ASM',  
  'GHASH_ASM',  
  'ECP_NISTZ256_ASM',  
  'X25519_ASM',  
  'POLY1305_ASM',  
],  
'openssl_cflags_BSD-x86_64': [  
  '-Wa,--noexecstack',  
  '-Wall -O3',  
  '-pthread',  
  '-Wall -O3',  
],  
'openssl_ex_libs_BSD-x86_64': [  
  '-pthread',  
],  
'openssl_cli_srcs_BSD-x86_64': [  
  'openssl/apps/asn1pars.c',  
  'openssl/apps/ca.c',  
  'openssl/apps/ciphers.c',  
  'openssl/apps/cms.c',  
  'openssl/apps/crl.c',  
  'openssl/apps/cr12p7.c',  
  'openssl/apps/dgst.c',  
  'openssl/apps/dhparam.c',  
  'openssl/apps/dsa.c',  
  'openssl/apps/dsaparam.c',  
  'openssl/apps/ec.c',  
  'openssl/apps/ecparam.c',  
  'openssl/apps/enc.c',  
  'openssl/apps/engine.c',  
  'openssl/apps/errstr.c',  
  'openssl/apps/gendsa.c',
```

```

'openssl/apps/genpkey.c',
'openssl/apps/genrsa.c',
'openssl/apps/nseq.c',
'openssl/apps/ocsp.c',
'openssl/apps/openssl.c',
'openssl/apps/passwd.c',
'openssl/apps/pkcs12.c',
'openssl/apps/pkcs7.c',
'openssl/apps/pkcs8.c',
'openssl/apps/pkey.c',
'openssl/apps/pkeyparam.c',
'openssl/apps/pkeyutl.c',
'openssl/apps/prime.c',
'openssl/apps/rand.c',
'openssl/apps/rehash.c',
'openssl/apps/req.c',
'openssl/apps/rsa.c',
'openssl/apps/rsautl.c',
'openssl/apps/s_client.c',
'openssl/apps/s_server.c',
'openssl/apps/s_time.c',
'openssl/apps/sess_id.c',
'openssl/apps/smime.c',
'openssl/apps/speed.c',
'openssl/apps/spkac.c',
'openssl/apps/srp.c',

'openssl/apps/storeutl.c',
'openssl/apps/ts.c',
'openssl/apps/verify.c',
'openssl/apps/version.c',
'openssl/apps/x509.c',
'openssl/apps/app_rand.c',
'openssl/apps/apps.c',
'openssl/apps/bf_prefix.c',
'openssl/apps/opt.c',
'openssl/apps/s_cb.c',
'openssl/apps/s_socket.c',
],
},
'defines': ['<@(openssl_defines_BSD-x86_64)'],
'include_dirs': [
'./include',
],
'cflags': ['<@(openssl_cflags_BSD-x86_64)'],
'libraries': ['<@(openssl_ex_libs_BSD-x86_64)'],
'sources': ['<@(openssl_cli_srcs_BSD-x86_64)'],
}

```


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A. HISTORY OF THE SOFTWARE

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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.

| Release | Derived from | Year | Owner | GPL-compatible? (1) |
|----------------|--------------|-----------|------------|---------------------|
| 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 |
| 2.2 and above | 2.1.1 | 2001-now | PSF | yes |

Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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version 1.2.11, January 15th, 2017

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'OPENSSL_IA32_SSE2',
'OPENSSL_BN_ASM_MONT',
'OPENSSL_BN_ASM_GF2m',
'SHA1_ASM',
'SHA256_ASM',
'SHA512_ASM',
'RC4_ASM',
'MD5_ASM',
'RMD160_ASM',
'AESNI_ASM',
'VPAES_ASM',
'WHIRLPOOL_ASM',
'GHASH_ASM',
'ECP_NISTZ256_ASM',
'POLY1305_ASM',
],
'openssl_cflags_BSD-x86': [
'-Wa,--noexecstack',
'-Wall -O3 -fomit-frame-pointer',
'-pthread',
'-Wall -O3 -fomit-frame-pointer',
],
'openssl_ex_libs_BSD-x86': [
'-pthread',
],
'openssl_cli_srcs_BSD-x86': [
'openssl/apps/asn1pars.c',
'openssl/apps/ca.c',
'openssl/apps/ciphers.c',
'openssl/apps/cms.c',
'openssl/apps/crl.c',
'openssl/apps/crl2p7.c',
'openssl/apps/dgst.c',
'openssl/apps/dhparam.c',

'openssl/apps/dsa.c',
'openssl/apps/dsaparam.c',
'openssl/apps/ec.c',
'openssl/apps/ecparam.c',
```

```
'openssl/apps/enc.c',
'openssl/apps/engine.c',
'openssl/apps/errstr.c',
'openssl/apps/gendsa.c',
'openssl/apps/genpkey.c',
'openssl/apps/genrsa.c',
'openssl/apps/nseq.c',
'openssl/apps/ocsp.c',
'openssl/apps/openssl.c',
'openssl/apps/passwd.c',
'openssl/apps/pkcs12.c',
'openssl/apps/pkcs7.c',
'openssl/apps/pkcs8.c',
'openssl/apps/pkey.c',
'openssl/apps/pkeyparam.c',
'openssl/apps/pkeyutl.c',
'openssl/apps/prime.c',
'openssl/apps/rand.c',
'openssl/apps/rehash.c',
'openssl/apps/req.c',
'openssl/apps/rsa.c',
'openssl/apps/rsautl.c',
'openssl/apps/s_client.c',
'openssl/apps/s_server.c',
'openssl/apps/s_time.c',
'openssl/apps/sess_id.c',
'openssl/apps/smime.c',
'openssl/apps/speed.c',
'openssl/apps/spkac.c',
'openssl/apps/srp.c',
'openssl/apps/storeutl.c',
'openssl/apps/ts.c',
'openssl/apps/verify.c',
'openssl/apps/version.c',
'openssl/apps/x509.c',
'openssl/apps/app_rand.c',
'openssl/apps/apps.c',
'openssl/apps/bf_prefix.c',
'openssl/apps/opt.c',
'openssl/apps/s_cb.c',
'openssl/apps/s_socket.c',
],
},
'defines': ['<@(openssl_defines_BSD-x86)'],
'include_dirs': [
'./include',
],
'cflags' : ['<@(openssl_cflags_BSD-x86)'],
```

```
'libraries': ['<@(openssl_ex_libs_BSD-x86)'],  
'sources': ['<@(openssl_cli_srcs_BSD-x86)'],  
}
```

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validate-npm-package-license

=====

Give me a string and I'll tell you if it's a valid npm package license string.

```
```javascript
var valid = require('validate-npm-package-license');
```
```

SPDX license identifiers are valid license strings:

```
```javascript

var assert = require('assert');
var validSPDXExpression = {
 validForNewPackages: true,
 validForOldPackages: true,
 spdx: true
};

assert.deepEqual(valid('MIT'), validSPDXExpression);
assert.deepEqual(valid('BSD-2-Clause'), validSPDXExpression);
assert.deepEqual(valid('Apache-2.0'), validSPDXExpression);
assert.deepEqual(valid('ISC'), validSPDXExpression);
```
```

The function will return a warning and suggestion for nearly-correct license identifiers:

```
```javascript
assert.deepEqual(
 valid('Apache 2.0'),
 {
 validForOldPackages: false,
 validForNewPackages: false,
 warnings: [
 'license should be ' +
 'a valid SPDX license expression (without "LicenseRef"), ' +
 '"UNLICENSED", or ' +
 '"SEE LICENSE IN <filename>"',
 'license is similar to the valid expression "Apache-2.0"'
]
 }
);
```
```

SPDX expressions are valid, too ...

```

```javascript
// Simple SPDX license expression for dual licensing
assert.deepEqual(
 valid('(GPL-3.0-only OR BSD-2-Clause)'),
 validSPDXExpression
);
```

```

... except if they contain `LicenseRef`:

```

```javascript
var warningAboutLicenseRef = {
 validForOldPackages: false,
 validForNewPackages: false,
 spdx: true,
 warnings: [
 'license should be ' +
 'a valid SPDX license expression (without "LicenseRef")', ' +
 "'UNLICENSED', or ' +
 "'SEE LICENSE IN <filename>",
]
};

assert.deepEqual(
 valid('LicenseRef-Made-Up'),
 warningAboutLicenseRef
);

assert.deepEqual(
 valid('(MIT OR LicenseRef-Made-Up)'),
 warningAboutLicenseRef
);
```

```

If you can't describe your licensing terms with standardized SPDX identifiers, put the terms in a file in the package and point users there:

```

```javascript
assert.deepEqual(
 valid('SEE
LICENSE IN LICENSE.txt'),
 {
 validForNewPackages: true,
 validForOldPackages: true,
 inFile: 'LICENSE.txt'
 }
);
```

```

```
assert.deepEqual(  
  valid('SEE LICENSE IN license.md'),  
  {  
    validForNewPackages: true,  
    validForOldPackages: true,  
    inFile: 'license.md'  
  }  
);  
...
```

If there aren't any licensing terms, use `UNLICENSED`:

```
```javascript  
var unlicensed = {
 validForNewPackages: true,
 validForOldPackages: true,
 unlicensed: true
};
assert.deepEqual(valid('UNLICENSED'), unlicensed);
assert.deepEqual(valid('UNLICENSED'), unlicensed);
...
```

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## 1.978 node.js 6.14.18-

## 1.14.21.3.1.module+el8.7.0+18531+81d21ca6

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name: license update

on:

schedule:

# 00:00:00 every Monday

# https://crontab.guru/#0\_0\_\*\_\*\_1

- cron: "0 0 \* \* 1"

workflow\_dispatch:

jobs:

update\_license:

if: github.repository == 'nodejs/node'

runs-on: ubuntu-latest

steps:

- uses: actions/checkout@v2

- run: "./tools/license-builder.sh" # run the license builder tool

- uses: gr2m/create-or-update-pull-request-action@v1.x # create a PR or update the Action's existing PR

env:

GITHUB\_TOKEN: \${{ secrets.GITHUB\_TOKEN }}

with:

title: "doc: run license-builder"

body: "License is likely out of date. This is an automatically generated PR by the `license-builder.yml` GitHub Action, which runs `license-builder.sh` and submits a new PR or updates an existing PR."

commit-message: 'doc: run license-builder'

labels: meta

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Located in ./vendor/QRCode

- project has been modified to work in Node and some refactoring was done for code cleanup

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// Original can be found at:

// <https://bitbucket.org/lindenlab/llsd>

// Modifications by Joshua Bell [inexorabletash@gmail.com](mailto:inexorabletash@gmail.com)

// <https://github.com/inexorabletash/polyfill>

// ES3/ES5 implementation of the Khronos Typed Array Specification

// Ref: <http://www.khronos.org/registry/typedarray/specs/latest/>

// Date: 2011-02-01

//

// Variations:

// \* Allows `typed_array.get/set()` as alias for subscripts (`typed_array[]`)

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}

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'openssl/crypto/x509v3/pcy\_tree.c',  
'openssl/crypto/x509v3/v3\_addr.c',  
'openssl/crypto/x509v3/v3\_admis.c',  
'openssl/crypto/x509v3/v3\_akey.c',  
'openssl/crypto/x509v3/v3\_akeya.c',  
'openssl/crypto/x509v3/v3\_alt.c',

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'openssl/crypto/x509v3/v3_asid.c',
'openssl/crypto/x509v3/v3_bcons.c',
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'./config/archs/BSD-x86/asm/crypto/sha/sha256-586.s',
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 'POLY1305_ASM',
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'openssl_cflags_BSD-x86': [
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 '-pthread',
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],
'openssl_ex_libs_BSD-x86': [
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}

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'openssl/crypto/sm2/sm2\_pmeth.c',  
'openssl/crypto/sm2/sm2\_sign.c',  
'openssl/crypto/sm3/m\_sm3.c',  
'openssl/crypto/sm3/sm3.c',  
'openssl/crypto/sm4/sm4.c',  
'openssl/crypto/srp/srp\_lib.c',  
'openssl/crypto/srp/srp\_vfy.c',  
'openssl/crypto/stack/stack.c',  
'openssl/crypto/store/loader\_file.c',  
'openssl/crypto/store/store\_err.c',  
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'openssl/crypto/store/store\_lib.c',  
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'openssl/crypto/threads\_pthread.c',  
'openssl/crypto/threads\_win.c',  
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'openssl/crypto/uid.c',

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'openssl/crypto/x509/t\_crl.c',  
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'openssl/crypto/x509/x509\_lu.c',  
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'openssl/crypto/x509v3/pcy\_map.c',  
'openssl/crypto/x509v3/pcy\_node.c',  
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'openssl/crypto/x509v3/v3\_addr.c',  
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'openssl/crypto/x509v3/v3\_akey.c',  
'openssl/crypto/x509v3/v3\_akeya.c',  
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'openssl/crypto/x509v3/v3_asid.c',
'openssl/crypto/x509v3/v3_bcons.c',
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'openssl/crypto/x509v3/v3_conf.c',
'openssl/crypto/x509v3/v3_cpols.c',
'openssl/crypto/x509v3/v3_crl.d.c',
'openssl/crypto/x509v3/v3_enum.c',
'openssl/crypto/x509v3/v3_extku.c',
'openssl/crypto/x509v3/v3_genn.c',
'openssl/crypto/x509v3/v3_ia5.c',
'openssl/crypto/x509v3/v3_info.c',
'openssl/crypto/x509v3/v3_int.c',
'openssl/crypto/x509v3/v3_lib.c',
'openssl/crypto/x509v3/v3_ncons.c',
'openssl/crypto/x509v3/v3_pci.c',
'openssl/crypto/x509v3/v3_pcia.c',
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'openssl/crypto/x509v3/v3_prn.c',
'openssl/crypto/x509v3/v3_purp.c',
'openssl/crypto/x509v3/v3_skey.c',
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'openssl/crypto/x509v3/v3_utl.c',
'openssl/crypto/x509v3/v3err.c',
'openssl/engines/e_capi.c',
'openssl/engines/e_padlock.c',
],
'openssl_sources_BSD-x86_64': [
'./config/archs/BSD-x86_64/asm_avx2/crypto/aes/aesni-mb-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/aes/aesni-sha1-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/aes/aesni-sha256-x86_64.s',
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'./config/archs/BSD-x86_64/asm_avx2/crypto/aes/vpaes-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/bn/rsaz-avx2.s',
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'./config/archs/BSD-x86_64/asm_avx2/crypto/bn/x86_64-gf2m.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/bn/x86_64-mont.s',

'./config/archs/BSD-x86_64/asm_avx2/crypto/bn/x86_64-mont5.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/camellia/cmll-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/chacha/chacha-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/ec/ecp_nistz256-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/ec/x25519-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/md5/md5-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/modes/aesni-gcm-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/modes/ghash-x86_64.s',

```

```

'./config/archs/BSD-x86_64/asm_avx2/crypto/poly1305/poly1305-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/rc4/rc4-md5-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/rc4/rc4-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/sha/keccak1600-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/sha/sha1-mb-x86_64.s',
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'./config/archs/BSD-x86_64/asm_avx2/crypto/sha/sha256-mb-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/sha/sha256-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/sha/sha512-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/whrlpool/wp-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/x86_64cpuid.s',
'./config/archs/BSD-x86_64/asm_avx2/engines/e_padlock-x86_64.s',
],
'openssl_defines_BSD-x86_64': [
 'NDEBUG',
 'L_ENDIAN',
 'OPENSSL_PIC',
 'OPENSSL_CPUID_OBJ',
 'OPENSSL_IA32_SSE2',
 'OPENSSL_BN_ASM_MONT',
 'OPENSSL_BN_ASM_MONT5',
 'OPENSSL_BN_ASM_GF2m',
 'SHA1_ASM',
 'SHA256_ASM',
 'SHA512_ASM',
 'KECCAK1600_ASM',
 'RC4_ASM',
 'MD5_ASM',
 'AESNI_ASM',
 'VPAES_ASM',
 'GHASH_ASM',
 'ECP_NISTZ256_ASM',
 'X25519_ASM',
 'POLY1305_ASM',
],
'openssl_cflags_BSD-x86_64': [
 '-Wa,--noexecstack',
 '-Wall -O3',
 '-pthread',
 '-Wall -O3',
],
'openssl_ex_libs_BSD-x86_64': [
 '-pthread',
],
},
'include_dirs': [
 '.',
 './include',

```

```
 './crypto',
 './crypto/include/internal',
],
'defines': ['<@(openssl_defines_BSD-x86_64)'],
'cflags' : ['<@(openssl_cflags_BSD-x86_64)'],
'libraries': ['<@(openssl_ex_libs_BSD-x86_64)'],
'sources': ['<@(openssl_sources)', '<@(openssl_sources_BSD-x86_64)'],
}
```

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wcwidth.js: JavaScript Porting of Markus Kuhn's wcwidth() Implementation

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""

```
spdx-license-ids
```

```
[![npm version](https://img.shields.io/npm/v/spdx-license-ids.svg)](https://www.npmjs.com/package/spdx-license-ids)
```

```
[![Github Actions](https://action-badges.now.sh/shinmn/spdx-license-ids)](https://wdp9fww0r9.execute-api.us-west-2.amazonaws.com/production/results/shinmn/spdx-license-ids)
```

A list of [\[SPDX license\]\(https://spdx.org/licenses/\)](https://spdx.org/licenses/) identifiers

```
Installation
```

```
[Download JSON directly](https://raw.githubusercontent.com/shinmn/spdx-license-ids/master/index.json), or
[use](https://docs.npmjs.com/cli/install) npm \(https://docs.npmjs.com/about-npm/\):
```

```
...
```

```
npm install spdx-license-ids
```

```
...
```

```
\[Node.js\]\(https://nodejs.org/\) API
```

```
require('spdx-license-ids')
```

```
Type: string[]
```

All license IDs except for the currently deprecated ones.

```
```javascript
```

```
const ids = require('spdx-license-ids');
```

```
//=> ['0BSD', 'AAL', 'ADSL', 'AFL-1.1', 'AFL-1.2', 'AFL-2.0', 'AFL-2.1', 'AFL-3.0', 'AGPL-1.0-only', ...]
```

```
ids.includes('BSD-3-Clause'); //=> true
```

```
ids.includes('CC-BY-1.0'); //=>
```

true

```
ids.includes('GPL-3.0'); //=> false  
...
```

```
### require('spdx-license-ids/deprecated')
```

Type: `string[]`

Deprecated license IDs.

```
```javascript
```

```
const deprecatedIds = require('spdx-license-ids/deprecated');
//=> ['AGPL-1.0', 'AGPL-3.0', 'GFDL-1.1', 'GFDL-1.2', 'GFDL-1.3', 'GPL-1.0', 'GPL-2.0', ...]
```

```
deprecatedIds.includes('BSD-3-Clause'); //=> false
```

```
deprecatedIds.includes('CC-BY-1.0'); //=> false
```

```
deprecatedIds.includes('GPL-3.0'); //=> true
```

```
...
```

```
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```

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```
{
'variables': {
 'openssl_defines_BSD-x86_64': [
 'NDEBUG',
 'L_ENDIAN',
 'OPENSSL_PIC',
 'OPENSSL_CPUID_OBJ',
 'OPENSSL_IA32_SSE2',
 'OPENSSL_BN_ASM_MONT',
 'OPENSSL_BN_ASM_MONT5',
 'OPENSSL_BN_ASM_GF2m',
 'SHA1_ASM',
 'SHA256_ASM',
 'SHA512_ASM',
 'KECCAK1600_ASM',
 'RC4_ASM',
 'MD5_ASM',
 'AESNI_ASM',
 'VPAES_ASM',
 'GHASH_ASM',
 'ECP_NISTZ256_ASM',
 'X25519_ASM',
 'POLY1305_ASM',
],
 'openssl_cflags_BSD-x86_64': [
 '-Wa,--noexecstack',
 '-Wall -O3',
 '-pthread',
 '-Wall -O3',
],
 'openssl_ex_libs_BSD-x86_64': [
 '-pthread',
],
 'openssl_cli_srcs_BSD-x86_64': [
 'openssl/apps/asn1pars.c',
 'openssl/apps/ca.c',
 'openssl/apps/ciphers.c',
 'openssl/apps/cms.c',
 'openssl/apps/crl.c',
 'openssl/apps/crl2p7.c',
 'openssl/apps/dgst.c',
 'openssl/apps/dhparam.c',
```

```
'openssl/apps/dsa.c',
'openssl/apps/dsaparam.c',
'openssl/apps/ec.c',
'openssl/apps/ecparam.c',
'openssl/apps/enc.c',
'openssl/apps/engine.c',
'openssl/apps/errstr.c',
'openssl/apps/gendsa.c',
'openssl/apps/genpkey.c',
'openssl/apps/genrsa.c',
'openssl/apps/nseq.c',
'openssl/apps/ocsp.c',
'openssl/apps/openssl.c',
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'openssl/apps/pkeyparam.c',
'openssl/apps/pkeyutl.c',
'openssl/apps/prime.c',
'openssl/apps/rand.c',
'openssl/apps/rehash.c',
'openssl/apps/req.c',
'openssl/apps/rsa.c',
'openssl/apps/rsautl.c',
'openssl/apps/s_client.c',
'openssl/apps/s_server.c',
'openssl/apps/s_time.c',
'openssl/apps/sess_id.c',
'openssl/apps/smime.c',
'openssl/apps/speed.c',
'openssl/apps/spkac.c',
'openssl/apps/srp.c',

'openssl/apps/storeutl.c',
'openssl/apps/ts.c',
'openssl/apps/verify.c',
'openssl/apps/version.c',
'openssl/apps/x509.c',
'openssl/apps/app_rand.c',
'openssl/apps/apps.c',
'openssl/apps/bf_prefix.c',
'openssl/apps/opt.c',
'openssl/apps/s_cb.c',
'openssl/apps/s_socket.c',
],
},
```



```
'defines': ['<@(openssl_defines_BSD-x86_64)'],
'include_dirs': [
 './include',
],
'cflags' : ['<@(openssl_cflags_BSD-x86_64)'],
'libraries': ['<@(openssl_ex_libs_BSD-x86_64)'],
'sources': ['<@(openssl_cli_srcs_BSD-x86_64)'],
}
```

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#### A. HISTORY OF THE SOFTWARE

=====

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

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Release	Derived	Year	Owner	GPL-
	from			compatible? (1)

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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
2.2 and above	2.1.1	2001-now		
PSF				yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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version 1.2.11, January 15th, 2017

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'openssl/apps/ec.c',  
'openssl/apps/ecparam.c',  
'openssl/apps/enc.c',  
'openssl/apps/engine.c',  
'openssl/apps/errstr.c',  
'openssl/apps/gendsa.c',  
'openssl/apps/genpkey.c',  
'openssl/apps/genrsa.c',  
'openssl/apps/nseq.c',  
'openssl/apps/ocsp.c',  
'openssl/apps/openssl.c',  
'openssl/apps/passwd.c',  
'openssl/apps/pkcs12.c',  
'openssl/apps/pkcs7.c',  
'openssl/apps/pkcs8.c',  
'openssl/apps/pkey.c',  
'openssl/apps/pkeyparam.c',  
'openssl/apps/pkeyutl.c',  
'openssl/apps/prime.c',  
'openssl/apps/rand.c',  
'openssl/apps/rehash.c',  
'openssl/apps/req.c',  
'openssl/apps/rsa.c',  
'openssl/apps/rsautl.c',  
'openssl/apps/s\_client.c',  
'openssl/apps/s\_server.c',  
'openssl/apps/s\_time.c',  
'openssl/apps/sess\_id.c',  
'openssl/apps/smime.c',  
'openssl/apps/speed.c',  
'openssl/apps/spkac.c',  
'openssl/apps/srp.c',  
'openssl/apps/storeutl.c',  
'openssl/apps/ts.c',  
'openssl/apps/verify.c',  
'openssl/apps/version.c',  
'openssl/apps/x509.c',  
'openssl/apps/app\_rand.c',  
'openssl/apps/apps.c',  
'openssl/apps/bf\_prefix.c',  
'openssl/apps/opt.c',

```
'openssl/apps/s_cb.c',
'openssl/apps/s_socket.c',
],
},
'defines': ['<@(openssl_defines_BSD-x86)'],
'include_dirs': [
'./include',
],
'cflags' : ['<@(openssl_cflags_BSD-x86)'],
'libraries': ['<@(openssl_ex_libs_BSD-x86)'],
'sources': ['<@(openssl_cli_srcs_BSD-x86)'],
}
```

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validate-npm-package-license

=====

Give me a string and I'll tell you if it's a valid npm package license string.

```
```javascript
var valid = require('validate-npm-package-license');
```
```

SPDX license identifiers are valid license strings:

```
```javascript

var assert = require('assert');
var validSPDXExpression = {
  validForNewPackages: true,
  validForOldPackages: true,
  spdx: true
};

assert.deepEqual(valid('MIT'), validSPDXExpression);
assert.deepEqual(valid('BSD-2-Clause'), validSPDXExpression);
assert.deepEqual(valid('Apache-2.0'), validSPDXExpression);
assert.deepEqual(valid('ISC'), validSPDXExpression);
```
```

The function will return a warning and suggestion for nearly-correct license identifiers:

```
```javascript
assert.deepEqual(
  valid('Apache 2.0'),
  {
    validForOldPackages: false,
    validForNewPackages: false,
    warnings: [
      'license should be ' +
      'a valid SPDX license expression (without "LicenseRef"), ' +
      "'UNLICENSED', or ' +
```
```

```

 ""SEE LICENSE IN <filename>"",
 'license is similar to the valid expression "Apache-2.0"'
]
}
);
```

```

SPDX expressions are valid, too ...

```

```javascript
// Simple SPDX license expression for dual licensing
assert.deepEqual(
 valid('(GPL-3.0-only OR BSD-2-Clause)'),
 validSPDXExpression
);
```

```

... except if they contain `LicenseRef`:

```

```javascript
var warningAboutLicenseRef = {
 validForOldPackages: false,
 validForNewPackages: false,
 spdx: true,
 warnings: [
 'license should be ' +
 'a valid SPDX license expression (without "LicenseRef")', ' +
 "'UNLICENSED', or ' +
 "'SEE LICENSE IN <filename>'",
]
};

```

```

assert.deepEqual(
 valid('LicenseRef-Made-Up'),
 warningAboutLicenseRef
);

```

```

assert.deepEqual(
 valid('(MIT OR LicenseRef-Made-Up)'),
 warningAboutLicenseRef
);
```

```

If you can't describe your licensing terms with standardized SPDX identifiers, put the terms in a file in the package and point users there:

```

```javascript
assert.deepEqual(

```

```

valid('SEE
LICENSE IN LICENSE.txt'),
{
 validForNewPackages: true,
 validForOldPackages: true,
 inFile: 'LICENSE.txt'
}
);

assert.deepEqual(
valid('SEE LICENSE IN license.md'),
{
 validForNewPackages: true,
 validForOldPackages: true,
 inFile: 'license.md'
}
);
```

```

If there aren't any licensing terms, use `UNLICENSED`:

```

```javascript
var unlicensed = {
 validForNewPackages: true,
 validForOldPackages: true,
 unlicensed: true
};
assert.deepEqual(valid('UNLICENSED'), unlicensed);
assert.deepEqual(valid('UNLICENSED'), unlicensed);
```

```

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1.979 libsolv 0.7.20-4.el8

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1.980 pflag 1.0.5

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1.981 grpc-stub 1.22.1

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* /opt/cola/permits/1740180371_1688763791.09055/0/grpc-stub-1-22-1-sources-1-jar/io/grpc/stub/StreamObservers.java
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* /opt/cola/permits/1740180371_1688763791.09055/0/grpc-stub-1-22-1-sources-1-jar/io/grpc/stub/MetadataUtils.java

* /opt/cola/permits/1740180371_1688763791.09055/0/grpc-stub-1-22-1-sources-1-jar/io/grpc/stub/StreamObserver.java

*

/opt/cola/permits/1740180371_1688763791.09055/0/grpc-stub-1-22-1-sources-1-jar/io/grpc/stub/ClientCalls.java

* /opt/cola/permits/1740180371_1688763791.09055/0/grpc-stub-1-22-1-sources-1-jar/io/grpc/stub/ServerCalls.java

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* /opt/cola/permits/1740180371_1688763791.09055/0/grpc-stub-1-22-1-sources-1-jar/io/grpc/stub/package-info.java

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jar/io/grpc/stub/ServerCallStreamObserver.java
* /opt/cola/permits/1740180371_1688763791.09055/0/grpc-stub-1-22-1-sources-1-
jar/io/grpc/stub/ClientCallStreamObserver.java
* /opt/cola/permits/1740180371_1688763791.09055/0/grpc-stub-1-22-1-sources-1-
jar/io/grpc/stub/CallStreamObserver.java
*
/opt/cola/permits/1740180371_1688763791.09055/0/grpc-stub-1-22-1-sources-1-
jar/io/grpc/stub/ClientResponseObserver.java
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1.982 grpc-protobuf-lite 1.22.1

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* /opt/cola/permits/1740180355_1688763788.4513667/0/grpc-protobuf-lite-1-22-1-sources-1-
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- * /opt/cola/permits/1740180355_1688763788.4513667/0/grpc-protobuf-lite-1-22-1-sources-1-jar/io/grpc/protobuf/lite/ProtoInputStream.java
- * /opt/cola/permits/1740180355_1688763788.4513667/0/grpc-protobuf-lite-1-22-1-sources-1-jar/io/grpc/protobuf/lite/ProtoLiteUtils.java

1.983 grpc-protobuf 1.22.1

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- * /opt/cola/permits/1740180363_1688763785.2267816/0/grpc-protobuf-1-22-1-sources-1-jar/io/grpc/protobuf/ProtoMethodDescriptorSupplier.java
- * /opt/cola/permits/1740180363_1688763785.2267816/0/grpc-protobuf-1-22-1-sources-1-jar/io/grpc/protobuf/StatusProto.java
- *
- */opt/cola/permits/1740180363_1688763785.2267816/0/grpc-protobuf-1-22-1-sources-1-jar/io/grpc/protobuf/package-info.java

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- * /opt/cola/permits/1740180363_1688763785.2267816/0/grpc-protobuf-1-22-1-sources-1-jar/io/grpc/protobuf/ProtoFileDescriptorSupplier.java

1.984 githubcompelletiergotoml v1.9.4

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Changes:

- * Renamed files from `civil*` to `localtime*`.
- * Package changed from `civil` to `toml`.
- * 'Local' prefix added to all structs.

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1.995 go-toml 1.9.4

1.995.1 Available under license :

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[localtime.go](https://github.com/pelletier/localtime.go), [localtime_test.go](https://github.com/pelletier/localtime_test.go):

Originals:

<https://raw.githubusercontent.com/googleapis/google-cloud-go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil.go>

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Changes:

- * Renamed files from `civil*` to `localtime*`.
- * Package changed from `civil` to `toml`.
- * 'Local' prefix added to all structs.

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1.996 errors 0.9.1

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1.997 golang-jwt 4.4.2

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1.998 rcrowley-go-metrics 0.0.0-

20181016184325-3113b8401b8a

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1.999 gotenv 1.4.1

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1.1000 go-toml 2.0.5

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1.1001 ssl-client 1.33.1-r6

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```

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any later version.
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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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```
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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1.1008 google-uuid 1.3.0

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