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Contents

1.1 libtommath 0.42.0
1.1.1 Available under license
1.2 trilead-ssh 1.0.0
1.2.1 Available under license
1.3 sysv-init 2.88
1.3.1 Available under license
1.4 libtomcrypt 1.17
1.4.1 Available under license
1.5 commons-net 3.4
1.5.1 Available under license
1.6 zlib 1.1.3
1.6.1 Available under license
1.7 kmod 2
1.7.1 Available under license
1.8 libusb 1.0.0
1.8.1 Available under license
1.9 linux-kernel 3.6.0
1.9.1 Available under license
1.10 rhino 1.5R3
1.10.1 Available under license
1.11 dtc 1.3.0
1.11.1 Available under license
1.12 linux_kernel_zlib 3.14.26
1.12.1 Available under license
1.13 lrzsz 0.12.20
1.13.1 Available under license

1.14 zlib 1.2.5
1.14.1 Available under license
1.15 zlib 1.2.11
1.15.1 Available under license
1.16 linux_kernel_zlib 3.6.0
1.16.1 Available under license
1.17 apache-log4j 1.2.15
1.17.1 Available under license
1.18 netty 4.0.21.Final
1.18.1 Available under license
1.19 u-boot 2015.10
1.19.1 Available under license
1.20 zlib 1.2.8
1.20.1 Available under license
1.21 ganymed-ssh2 262
1.21.1 Available under license
1.22 commons-collections 3.1
1.22.1 Available under license
1.23 pkix-ssh 10.1
1.23.1 Available under license
1.24 dropbear 0.53
1.24.1 Available under license
1.25 busybox 1.22.1
1.25.1 Available under license
1.26 open-ldap 2.4.39
1.26.1 Available under license
1.27 velocity 1.6
1.27.1 Available under license
1.28 bcel 5.1
1.28.1 Available under license
1.29 glibc 2.13
1.29.1 Available under license
1.30 xerces-j 2.9.1
1.30.1 Available under license
1.31 glibc 2.15
1.31.1 Available under license
1.32 libpng 1.6.3
1.32.1 Available under license
1.33 sysv-init 2.86-1

1.33.1 Available under license
1.34 openssh 7.5-p1
1.34.1 Available under license
1.35 util-linux 2.24.0
1.35.1 Available under license
1.36 javassist 3.14.0-GA
1.36.1 Available under license
1.37 mtd-utils 1.5.1
1.37.1 Available under license
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1.38.1 Available under license
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1.41.1 Available under license
1.42 zlib 1.2.3
1.42.1 Available under license
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1.43.1 Available under license
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1.44.2 Available under license
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The of the start-stop-daemon

* A rewrite of the original Debian's start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
*
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
* public domain.

1.4 libtomcrypt 1.17

1.4.1 Available under license :

/*
* SHA-512
* Implementation derived from LibTomCrypt (Tom St Denis)
*
* LibTomCrypt is a library that provides various cryptographic
* algorithms in a highly modular and flexible manner.
*
* The library is free for all purposes without any express
* guarantee it works.
*
* Tom St Denis, tomstdenis@gmail.com, http://libtomcrypt.org
*/

1.5 commons-net 3.4

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* /opt/cola/permits/1000011954_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/GZIPOutputStream.java
* /opt/cola/permits/1000011954_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/ZInputStream.java
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* /opt/cola/permits/1000011954_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/InflaterInputStream.java
* /opt/cola/permits/1000011954_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/Checksum.java
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* /opt/cola/permits/1000011954_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/Adler32.java
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* /opt/cola/permits/1000011954_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/ZStreamException.java
* /opt/cola/permits/1000011954_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/InfTree.java
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* /opt/cola/permits/1000011954_1651084626.73/0/jzlib-1-1-3-sources-jar/com/jcraft/jzlib/InfCodes.java

1.7 kmod 2

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1.12 linux_kernel_zlib 3.14.26

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That's all there is to it!
/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.

*
* Implementing minimal-copy of received data:
*   IDT always receives data into a small buffer, then large buffers
*   as needed. This means that data must always be copied to create
*   the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
*   Fix is simple: make large buffers large enough to hold entire
*   SDU, and leave <small_buffer_data> bytes empty at the start. Then
*   copy small buffer contents to head of large buffer.
*   Trick is to avoid fragmenting Linux, due to need for a lot of large
*   buffers. This is done by 2 things:
*   1) skb->destructor / skb->atm.recycle_buffer
*   combined, allow nicstar_free_rx_skb to be called to
*   recycle large data buffers
*   2) skb_clone of received buffers
*   See nicstar_free_rx_skb and linearize_buffer for implementation
*   details.
*
*
*
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*
* M. Welsh, 6 July 1996
*
*
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 for the nxt2004 frontend driver

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1.14 zlib 1.2.5

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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1.15 zlib 1.2.11

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1.16 linux_kernel_zlib 3.6.0

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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!
/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
* http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
*   Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*

```
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
*   IDT always receives data into a small buffer, then large buffers
*     as needed. This means that data must always be copied to create
*     the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
*     Fix is simple: make large buffers large enough to hold entire
*     SDU, and leave <small_buffer_data> bytes empty at the start. Then
*     copy small buffer contents to head of large buffer.
*   Trick is to avoid fragmenting Linux, due to need for a lot of large
*     buffers. This is done by 2 things:
*       1) skb->destructor / skb->atm.recycle_buffer
*            combined, allow nicstar_free_rx_skb to be called to
*            recycle large data buffers
*       2) skb_clone of received buffers
*   See nicstar_free_rx_skb and linearize_buffer for implementation
*     details.
*
*
*
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*
* M. Welsh, 6 July 1996
*
*
*/
```

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for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

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1.17 apache-log4j 1.2.15

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1.18 netty 4.0.21.Final

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1.19 u-boot 2015.10

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1.21 ganymed-ssh2 262

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1.22 commons-collections 3.1

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 * @version 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>
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*
* http://code.google.com/p/curve25519-donna/
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* Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to>
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* More information about curve25519 can be found here
*   http://cr.yp.to/ecdh.html
*
* djb's sample implementation of curve25519 is written in a special assembly
* language called qhasm and uses the floating point registers.
*
* This is, almost, a clean room reimplementation from the curve25519 paper. It
* uses many of the tricks described therein. Only the crecip function is taken
* from the sample implementation.
*/

1.25 busybox 1.22.1

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* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/structurals/Frame.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/JSR.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/AttributeReader.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-

jar/org/apache/bcel/verifier/exc/LinkingConstraintException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/NEW.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/classfile/LocalVariable.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/Constants.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/generic/MULTIANEWARRAY.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LDIV.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/generic/PopInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/generic/GETSTATIC.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/verifier/statics/StringRepresentation.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/generic/ACONST_NULL.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/SWAP.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/generic/InstructionFactory.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/generic/ArrayInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/verifier/statics/IntList.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ISHL.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/verifier/statics/Pass3aVerifier.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LNEG.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/generic/PUTSTATIC.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/generic/ALOAD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/generic/DUP2_X1.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/generic/JSR_W.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/verifier/NativeVerifier.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/generic/DRETURN.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/F2L.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/verifier/VerifierAppFrame.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/generic/FieldGen.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/classfile/LocalVariableTable.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-
jar/org/apache/bcel/classfile/Signature.java

* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DCMPG.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IREM.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/ClassPath.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/GOTO.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DUP.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LUSHR.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/NOP.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ISUB.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/L2I.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/I2C.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/exc/StaticCodeInstructionOperandConstraintException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/F2I.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IOR.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DMUL.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/InstructionHandle.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LALOAD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/LineNumber.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LOOKUPSWITCH.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IF_ACMPEQ.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DADD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FieldInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ConstantPoolGen.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IMPDEP1.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/BasicType.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/structurals/InstructionContext.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/Verifier.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/structurals/Subroutine.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/Utility.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ClassGen.java

* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/structurals/OperandStack.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IAND.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ISHR.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/Synthetic.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/PushInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ARETURN.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ANEWARRAY.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DALOAD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/BASTORE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/JavaWrapper.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/statics/LONG_Upper.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/TypedInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/VerifierFactoryListModel.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantLong.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LDC_W.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/structurals/Pass3bVerifier.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LMUL.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/RET.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/I2S.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/I2F.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LineNumberGen.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/INVOKESPECIAL.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/structurals/ExceptionHandlers.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LSHR.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/BREAKPOINT.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/StackConsumer.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/ClassLoaderRepository.java

* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ARRAYLENGTH.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DCMPL.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/structurals/ExceptionHandler.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/StackMapType.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FREM.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IF_ICMPLE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IXOR.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/GraphicalVerifier.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/Unknown.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantObject.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/NEWARRAY.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/Code.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantInterfaceMethodref.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DLOAD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/CodeExceptionGen.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/CompoundInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IF_ACMPNE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/INVOKEINTERFACE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/Select.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/structurals/LocalVariables.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/INEG.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LAND.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/MethodObserver.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/Repository.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ArrayType.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/I2L.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantNameAndType.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-

jar/org/apache/bcel/generic/FieldOrMethod.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/SyntheticRepository.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/GOTO_W.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/exc/ClassConstraintException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LoadClass.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/D2L.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/BALOAD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/BranchInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FADD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/GETFIELD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/ClassStack.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ISTORE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DUP_X1.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ConstantPushInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DCONST.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ObjectType.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/UnconditionalBranch.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ASTORE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/D2F.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantString.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FDIV.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IfInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DUP2_X2.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FNEG.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/statics/LocalVariablesInfo.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/statics/DOUBLE_Upper.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/StoreInstruction.java

* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/DescendingVisitor.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/Deprecated.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LocalVariableGen.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/Node.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IF_ICMPLT.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/PassVerifier.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/ExceptionConstants.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/I2B.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IF_ICMPNE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/exc/LocalVariableInfoInconsistentException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IF_ICMPEQ.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IINC.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantPool.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LLOAD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/exc/StructuralCodeConstraintException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FALOAD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/statics/Pass2Verifier.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LCMP.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/ClassSet.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantValue.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/ByteSequence.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IASTORE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FSTORE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IFLE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/Type.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantMethodref.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/RETURN.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DDIV.java

* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FRETURN.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/AllocationInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/ConstantHTML.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LCONST.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IMUL.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/InstructionComparator.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DUP_X2.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ILOAD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/MONITOREXIT.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantFieldref.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/PUSH.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/statics/LocalVariableInfo.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/CodeException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/Visitor.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/Method.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DNEG.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/I2D.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/InstructionTargeter.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ClassObserver.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DSUB.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/MethodHTML.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/SALOAD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/exc/AssertionViolatedException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FLOAD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/InstructionFinder.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/ClassLoader.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/exc/CodeConstraintException.java

* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FCMPG.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ConversionInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/Repository.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantUtf8.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/InstructionConstants.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ReferenceType.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IFNULL.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LocalVariableInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/exc/Utility.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/ClassQueue.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/Attribute.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/INVOKESTATIC.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LSUB.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/VerificationResult.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/StackMapEntry.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/AALOAD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ReturnaddressType.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/exc/VerificationException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/Constant.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IFEQ.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/exc/StaticCodeInstructionConstraintException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IF_ICMPGE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DUP2.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/TargetLostException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LASTORE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/SIPUSH.java

* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IFNE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/NamedAndTyped.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/structurals/ExecutionVisitor.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/INVOKEVIRTUAL.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/VerifierFactory.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/InnerClass.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/Class2HTML.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/F2D.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/exc/VerifierConstraintViolatedException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/Field.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/StackMap.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/exc/InvalidMethodException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/LineNumberTable.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/POP.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/TABLESWITCH.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/InstructionListObserver.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LDC.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FCONST.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FCMPL.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantCP.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantInteger.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/AttributeHTML.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FMUL.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/statics/Pass1Verifier.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IF_ICMPGT.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IALOAD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IFGE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-

jar/org/apache/bcel/generic/CASTORE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/SASTORE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ExceptionThrower.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/Instruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantDouble.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IFNONNULL.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DASTORE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FASTORE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/InstructionList.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IADD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/util/CodeHTML.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/structurals/Subroutines.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ATHROW.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LSTORE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/VerifierFactoryObserver.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ReturnInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LDC2_W.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/SourceFile.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/FieldOrMethod.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/POP2.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LOR.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/GotoInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ClassParser.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/exc/LoadingException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/PMGClass.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/MONITORENTER.java

* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/CALOAD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/StackProducer.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FSUB.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/InnerClasses.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ArithmeticInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/JsrInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/CPInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/JavaClass.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/BranchHandle.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ICONST.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/CHECKCAST.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantClass.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FieldGenOrMethodGen.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LSHL.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/ConstantFloat.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/PUTFIELD.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/structurals/InstConstraintVisitor.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IFGT.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/Visitor.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/AASTORE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ClassGenException.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IDIV.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/StackInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/INSTANCEOF.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LXOR.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/FieldObserver.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-

jar/org/apache/bcel/verifier/VerifyDialog.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/SWITCH.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/VariableLengthInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/BIPUSH.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/structurals/ControlFlowGraph.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/MethodGen.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/L2D.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DSTORE.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IFLT.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LoadInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/verifier/structurals/GenericArray.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/DREM.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/EmptyVisitor.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/D2I.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/classfile/EmptyVisitor.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IUSHR.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IMPDEP2.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/IndexedInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/InvokeInstruction.java
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/LADD.java
No license file was found, but licenses were detected in source scan.

package org.apache.bcel.generic;

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*/

import org.apache.bcel.Constants;
import org.apache.bcel.classfile.*;
import java.util.HashMap;
```

```
/**
* This class is used to build up a constant pool. The user adds
* constants via `addXXX' methods, `addString', `addClass',
* etc.. These methods return an index into the constant
* pool. Finally, `getFinalConstantPool()' returns the constant pool
* built up. Intermediate versions of the constant pool can be
* obtained with `getConstantPool()'. A constant pool has capacity for
* Constants.MAX_SHORT entries. Note that the first (0) is used by the
* JVM and that Double and Long constants need two slots.
*
* @version $Id: ConstantPoolGen.java,v 1.3 2002/07/11 19:39:04 mdahm Exp $
* @author  <A HREF="mailto:markus.dahm@berlin.de">M. Dahm</A>
* @see Constant
*/
public class ConstantPoolGen implements java.io.Serializable {
 protected int        size      = 1024; // Inital size, sufficient in most cases
 protected Constant[] constants = new Constant[size];
 protected int        index     = 1; // First entry (0) used by JVM

 private static final String METHODREF_DELIM  = ":";
 private static final String IMETHODREF_DELIM = "#";
 private static final String FIELDREF_DELIM   = "&";
 private static final String NAT_DELIM        = "%";

 private static class Index implements java.io.Serializable {
  int index;
  Index(int i) { index = i; }
 }

 /**
  * Initialize with given array of constants.
  *
  * @param c array of given constants, new ones will be appended
  */
 public ConstantPoolGen(Constant[] cs) {
  if(cs.length > size) {
    size      = cs.length;
    constants = new Constant[size];
  }

  System.arraycopy(cs, 0, constants, 0, cs.length);

  if(cs.length > 0)
    index = cs.length;

  for(int i=1; i < index; i++) {
    Constant c = constants[i];
```

```
   if(c instanceof ConstantString) {
ConstantString s  = (ConstantString)c;
ConstantUtf8   u8 = (ConstantUtf8)constants[s.getStringIndex()];

string_table.put(u8.getBytes(), new Index(i));
   } else if(c instanceof ConstantClass) {
ConstantClass s  = (ConstantClass)c;
ConstantUtf8  u8 = (ConstantUtf8)constants[s.getNameIndex()];

class_table.put(u8.getBytes(), new Index(i));
   } else if(c instanceof ConstantNameAndType) {
ConstantNameAndType n    = (ConstantNameAndType)c;
ConstantUtf8        u8   = (ConstantUtf8)constants[n.getNameIndex()];
ConstantUtf8        u8_2 = (ConstantUtf8)constants[n.getSignatureIndex()];

n_a_t_table.put(u8.getBytes() + NAT_DELIM + u8_2.getBytes(), new Index(i));
    } else if(c instanceof ConstantUtf8) {
      ConstantUtf8 u = (ConstantUtf8)c;

      utf8_table.put(u.getBytes(), new Index(i));
   } else if(c instanceof ConstantCP) {
ConstantCP          m     = (ConstantCP)c;
ConstantClass       clazz = (ConstantClass)constants[m.getClassIndex()];
ConstantNameAndType n     = (ConstantNameAndType)constants[m.getNameAndTypeIndex()];

     ConstantUtf8 u8         = (ConstantUtf8)constants[clazz.getNameIndex()];
     String       class_name = u8.getBytes().replace('/', '.');

u8 = (ConstantUtf8)constants[n.getNameIndex()];
String method_name = u8.getBytes();

u8 = (ConstantUtf8)constants[n.getSignatureIndex()];
String signature = u8.getBytes();

String delim = METHODREF_DELIM;

if(c instanceof ConstantInterfaceMethodref)
  delim = IMETHODREF_DELIM;
else if(c instanceof ConstantFieldref)
  delim = FIELDREF_DELIM;

cp_table.put(class_name + delim + method_name + delim + signature, new Index(i));
   }
  }
}

/**
```

```
 * Initialize with given constant pool.
 */
public ConstantPoolGen(ConstantPool cp) {
  this(cp.getConstantPool());
}

/**
 * Create empty constant pool.
 */
public ConstantPoolGen() {}

/** Resize internal array of constants.
 */
protected void adjustSize() {
  if(index + 3 >= size) {
    Constant[] cs = constants;

    size      *= 2;
    constants  = new Constant[size];
    System.arraycopy(cs, 0, constants, 0, index);
  }
}

private HashMap string_table = new HashMap();

/**
 * Look for ConstantString in ConstantPool containing String `str'.
 *
 * @param str String to search for
 * @return index on success, -1 otherwise
 */
public int lookupString(String str) {
  Index index = (Index)string_table.get(str);
  return (index != null)? index.index : -1;
}

/**
 * Add a new String constant to the ConstantPool, if it is not already in there.
 *
 * @param str String to add
 * @return index of entry
 */
public int addString(String str) {
  int ret;

  if((ret = lookupString(str)) != -1)
    return ret; // Already in CP
```

```
  int utf8 = addUtf8(str);

  adjustSize();

  ConstantString s  = new ConstantString(utf8);

  ret = index;
  constants[index++] = s;

  string_table.put(str, new Index(ret));

  return ret;
}

private HashMap class_table = new HashMap();

/**
 * Look for ConstantClass in ConstantPool named `str'.
 *
 * @param str String to search for
 * @return index on success, -1 otherwise
 */
public int lookupClass(String str) {
  Index index = (Index)class_table.get(str.replace('.', '/'));
  return (index != null)? index.index : -1;
}

private int addClass_(String clazz) {
  int    ret;

  if((ret = lookupClass(clazz)) != -1)
    return ret; // Already in CP

  adjustSize();

  ConstantClass c = new ConstantClass(addUtf8(clazz));

  ret = index;
  constants[index++] = c;

  class_table.put(clazz, new Index(ret));

  return ret;
}

/**
 * Add a new Class reference to the ConstantPool, if it is not already in there.
 *
```

```
 * @param str Class to add
 * @return index of entry
 */
public int addClass(String str) {
  return addClass_(str.replace('.', '/'));
}

/**
 * Add a new Class reference to the ConstantPool for a given type.
 *
 * @param str Class to add
 * @return index of entry
 */
public int addClass(ObjectType type) {
  return addClass(type.getClassName());
}

/**
 * Add a reference to an array class (e.g. String[][]) as needed by MULTIANEWARRAY
 * instruction, e.g. to the ConstantPool.
 *
 * @param type type of array class
 * @return index of entry
 */
public int addArrayClass(ArrayType type) {
  return addClass_(type.getSignature());
}

/**
 * Look for ConstantInteger in ConstantPool.
 *
 * @param n integer number to look for
 * @return index on success, -1 otherwise
 */
public int lookupInteger(int n) {
  for(int i=1; i < index; i++) {
    if(constants[i] instanceof ConstantInteger) {
ConstantInteger c = (ConstantInteger)constants[i];

if(c.getBytes() == n)
  return i;
    }
  }

  return -1;
}

/**
```

```
 * Add a new Integer constant to the ConstantPool, if it is not already in there.
 *
 * @param n integer number to add
 * @return index of entry
 */
public int addInteger(int n) {
  int  ret;

  if((ret = lookupInteger(n)) != -1)
    return ret; // Already in CP

  adjustSize();

  ret = index;
  constants[index++] = new ConstantInteger(n);

  return ret;
}

/**
 * Look for ConstantFloat in ConstantPool.
 *
 * @param n Float number to look for
 * @return index on success, -1 otherwise
 */
public int lookupFloat(float n) {
  for(int i=1; i < index; i++) {
    if(constants[i] instanceof ConstantFloat) {
ConstantFloat c = (ConstantFloat)constants[i];

if(c.getBytes() == n)
  return i;
    }
  }

  return -1;
}

/**
 * Add a new Float constant to the ConstantPool, if it is not already in there.
 *
 * @param n Float number to add
 * @return index of entry
 */
public int addFloat(float n) {
  int  ret;

  if((ret = lookupFloat(n)) != -1)
```

```
    return ret; // Already in CP

  adjustSize();

  ret = index;
  constants[index++] = new ConstantFloat(n);

  return ret;
}

private HashMap utf8_table = new HashMap();

/**
 * Look for ConstantUtf8 in ConstantPool.
 *
 * @param n Utf8 string to look for
 * @return index on success, -1 otherwise
 */
public int lookupUtf8(String n) {
  Index index = (Index)utf8_table.get(n);

  return (index != null)? index.index : -1;
}

/**
 * Add a new Utf8 constant to the ConstantPool, if it is not already in there.
 *
 * @param n Utf8 string to add
 * @return index of entry
 */
public int addUtf8(String n) {
  int  ret;

  if((ret = lookupUtf8(n)) != -1)
    return ret; // Already in CP

  adjustSize();

  ret = index;
  constants[index++] = new ConstantUtf8(n);

  utf8_table.put(n, new Index(ret));

  return ret;
}

/**
 * Look for ConstantLong in ConstantPool.
```

```
 *
 * @param n Long number to look for
 * @return index on success, -1 otherwise
 */
public int lookupLong(long n) {
  for(int i=1; i < index; i++) {
    if(constants[i] instanceof ConstantLong) {
ConstantLong c = (ConstantLong)constants[i];

if(c.getBytes() == n)
  return i;
    }
  }

  return -1;
}

/**
 * Add a new long constant to the ConstantPool, if it is not already in there.
 *
 * @param n Long number to add
 * @return index of entry
 */
public int addLong(long n) {
  int  ret;

  if((ret = lookupLong(n)) != -1)
    return ret; // Already in CP

  adjustSize();

  ret = index;
  constants[index] = new ConstantLong(n);
  index += 2;   // Wastes one entry according to spec

  return ret;
}

/**
 * Look for ConstantDouble in ConstantPool.
 *
 * @param n Double number to look for
 * @return index on success, -1 otherwise
 */
public int lookupDouble(double n) {
  for(int i=1; i < index; i++) {
    if(constants[i] instanceof ConstantDouble) {
ConstantDouble c = (ConstantDouble)constants[i];
```

```
if(c.getBytes() == n)
  return i;
    }
  }

  return -1;
}

/**
 * Add a new double constant to the ConstantPool, if it is not already in there.
 *
 * @param n Double number to add
 * @return index of entry
 */
public int addDouble(double n) {
  int  ret;

  if((ret = lookupDouble(n)) != -1)
    return ret; // Already in CP

  adjustSize();

  ret = index;
  constants[index] = new ConstantDouble(n);
  index += 2;   // Wastes one entry according to spec

  return ret;
}

private HashMap n_a_t_table = new HashMap();

/**
 * Look for ConstantNameAndType in ConstantPool.
 *
 * @param name of variable/method
 * @param signature of variable/method
 * @return index on success, -1 otherwise
 */
public int lookupNameAndType(String name, String signature) {
  Index index = (Index)n_a_t_table.get(name + NAT_DELIM + signature);
  return (index != null)? index.index : -1;
}

/**
 * Add a new NameAndType constant to the ConstantPool if it is not already
 * in there.
 *
```

```
 * @param n NameAndType string to add
 * @return index of entry
 */
public int addNameAndType(String name, String signature) {
  int  ret;
  int  name_index, signature_index;

  if((ret = lookupNameAndType(name, signature)) != -1)
    return ret; // Already in CP

  adjustSize();

  name_index      = addUtf8(name);
  signature_index = addUtf8(signature);
  ret = index;
  constants[index++] = new ConstantNameAndType(name_index, signature_index);

  n_a_t_table.put(name + NAT_DELIM + signature, new Index(ret));
  return ret;
}

private HashMap cp_table = new HashMap();

/**
 * Look for ConstantMethodref in ConstantPool.
 *
 * @param class_name Where to find method
 * @param method_name Guess what
 * @param signature return and argument types
 * @return index on success, -1 otherwise
 */
public int lookupMethodref(String class_name, String method_name, String signature) {
  Index index = (Index)cp_table.get(class_name + METHODREF_DELIM + method_name +
        METHODREF_DELIM + signature);
  return (index != null)? index.index : -1;
}

public int lookupMethodref(MethodGen method) {
  return lookupMethodref(method.getClassName(), method.getName(),
    method.getSignature());
}

/**
 * Add a new Methodref constant to the ConstantPool, if it is not already
 * in there.
 *
 * @param n Methodref string to add
 * @return index of entry
```

```
 */
public int addMethodref(String class_name, String method_name, String signature) {
  int  ret, class_index, name_and_type_index;

  if((ret = lookupMethodref(class_name, method_name, signature)) != -1)
    return ret; // Already in CP

  adjustSize();

  name_and_type_index = addNameAndType(method_name, signature);
  class_index         = addClass(class_name);
  ret = index;
  constants[index++] = new ConstantMethodref(class_index, name_and_type_index);

  cp_table.put(class_name + METHODREF_DELIM + method_name +
  METHODREF_DELIM + signature, new Index(ret));

  return ret;
}

public int addMethodref(MethodGen method) {
  return addMethodref(method.getClassName(), method.getName(),
  method.getSignature());
}

/**
 * Look for ConstantInterfaceMethodref in ConstantPool.
 *
 * @param class_name Where to find method
 * @param method_name Guess what
 * @param signature return and argument types
 * @return index on success, -1 otherwise
 */
public int lookupInterfaceMethodref(String class_name, String method_name, String signature) {
  Index index = (Index)cp_table.get(class_name + IMETHODREF_DELIM + method_name +
        IMETHODREF_DELIM + signature);
  return (index != null)? index.index : -1;
}

public int lookupInterfaceMethodref(MethodGen method) {
  return lookupInterfaceMethodref(method.getClassName(), method.getName(),
      method.getSignature());
}

/**
 * Add a new InterfaceMethodref constant to the ConstantPool, if it is not already
 * in there.
 *
```

```
 * @param n InterfaceMethodref string to add
 * @return index of entry
 */
public int addInterfaceMethodref(String class_name, String method_name, String signature) {
  int ret, class_index, name_and_type_index;

  if((ret = lookupInterfaceMethodref(class_name, method_name, signature)) != -1)
    return ret; // Already in CP

  adjustSize();

  class_index         = addClass(class_name);
  name_and_type_index = addNameAndType(method_name, signature);
  ret = index;
  constants[index++] = new ConstantInterfaceMethodref(class_index, name_and_type_index);

  cp_table.put(class_name + IMETHODREF_DELIM + method_name +
  IMETHODREF_DELIM + signature, new Index(ret));

  return ret;
}

public int addInterfaceMethodref(MethodGen method) {
  return addInterfaceMethodref(method.getClassName(), method.getName(),
    method.getSignature());
}

/**
 * Look for ConstantFieldref in ConstantPool.
 *
 * @param class_name Where to find method
 * @param field_name Guess what
 * @param signature return and argument types
 * @return index on success, -1 otherwise
 */
public int lookupFieldref(String class_name, String field_name, String signature) {
  Index index = (Index)cp_table.get(class_name + FIELDREF_DELIM + field_name +
        FIELDREF_DELIM + signature);
  return (index != null)? index.index : -1;
}

/**
 * Add a new Fieldref constant to the ConstantPool, if it is not already
 * in there.
 *
 * @param n Fieldref string to add
 * @return index of entry
 */
```

```
public int addFieldref(String class_name, String field_name, String signature) {
  int  ret;
  int  class_index, name_and_type_index;

  if((ret = lookupFieldref(class_name, field_name, signature)) != -1)
    return ret; // Already in CP

  adjustSize();

  class_index         = addClass(class_name);
  name_and_type_index = addNameAndType(field_name, signature);
  ret = index;
  constants[index++] = new ConstantFieldref(class_index, name_and_type_index);

  cp_table.put(class_name + FIELDREF_DELIM + field_name + FIELDREF_DELIM + signature, new Index(ret));

  return ret;
}

/**
 * @param i index in constant pool
 * @return constant pool entry at index i
 */
public Constant getConstant(int i) { return constants[i]; }

/**
 * Use with care!
 *
 * @param i index in constant pool
 * @param c new constant pool entry at index i
 */
public void setConstant(int i, Constant c) { constants[i] = c; }

/**
 * @return intermediate constant pool
 */
public ConstantPool getConstantPool() {
  return new ConstantPool(constants);
}

/**
 * @return current size of constant pool
 */
public int getSize() {
  return index;
}

/**
```

```
 * @return constant pool with proper length
 */
public ConstantPool getFinalConstantPool() {
  Constant[] cs = new Constant[index];

  System.arraycopy(constants, 0, cs, 0, index);

  return new ConstantPool(cs);
}

/**
 * @return String representation.
 */
public String toString() {
  StringBuffer buf = new StringBuffer();

  for(int i=1; i < index; i++)
    buf.append(i + ")" + constants[i] + "\n");

  return buf.toString();
}

/** Import constant from another ConstantPool and return new index.
 */
public int addConstant(Constant c, ConstantPoolGen cp) {
  Constant[] constants = cp.getConstantPool().getConstantPool();

  switch(c.getTag()) {
  case Constants.CONSTANT_String: {
    ConstantString s  = (ConstantString)c;
    ConstantUtf8   u8 = (ConstantUtf8)constants[s.getStringIndex()];

    return addString(u8.getBytes());
  }

  case Constants.CONSTANT_Class: {
    ConstantClass s  = (ConstantClass)c;
    ConstantUtf8  u8 = (ConstantUtf8)constants[s.getNameIndex()];

    return addClass(u8.getBytes());
  }

  case Constants.CONSTANT_NameAndType: {
    ConstantNameAndType n    = (ConstantNameAndType)c;
    ConstantUtf8        u8   = (ConstantUtf8)constants[n.getNameIndex()];
    ConstantUtf8        u8_2 = (ConstantUtf8)constants[n.getSignatureIndex()];

    return addNameAndType(u8.getBytes(), u8_2.getBytes());
```

```
  }

  case Constants.CONSTANT_Utf8:
    return addUtf8(((ConstantUtf8)c).getBytes());

  case Constants.CONSTANT_Double:
    return addDouble(((ConstantDouble)c).getBytes());

  case Constants.CONSTANT_Float:
    return addFloat(((ConstantFloat)c).getBytes());

  case Constants.CONSTANT_Long:
    return addLong(((ConstantLong)c).getBytes());

  case Constants.CONSTANT_Integer:
    return addInteger(((ConstantInteger)c).getBytes());

  case Constants.CONSTANT_InterfaceMethodref: case Constants.CONSTANT_Methodref:
  case Constants.CONSTANT_Fieldref: {
    ConstantCP          m     = (ConstantCP)c;
    ConstantClass       clazz = (ConstantClass)constants[m.getClassIndex()];
    ConstantNameAndType n     = (ConstantNameAndType)constants[m.getNameAndTypeIndex()];
    ConstantUtf8 u8           = (ConstantUtf8)constants[clazz.getNameIndex()];
    String       class_name   = u8.getBytes().replace('/', '.');

    u8 = (ConstantUtf8)constants[n.getNameIndex()];
    String name = u8.getBytes();

    u8 = (ConstantUtf8)constants[n.getSignatureIndex()];
    String signature = u8.getBytes();

    switch(c.getTag()) {
    case Constants.CONSTANT_InterfaceMethodref:
return addInterfaceMethodref(class_name, name, signature);

    case Constants.CONSTANT_Methodref:
return addMethodref(class_name, name, signature);

    case Constants.CONSTANT_Fieldref:
return addFieldref(class_name, name, signature);

    default: // Never reached
throw new RuntimeException("Unknown constant type " + c);
    }
  }

  default: // Never reached
    throw new RuntimeException("Unknown constant type " + c);
```

```
  }
 }
}
```

Found in path(s):
* /opt/cola/permits/1453481237_1666876560.6321533/0/bcel-5-1-sources-4-jar/org/apache/bcel/generic/ConstantPoolGen.java.orig

1.29 glibc 2.13

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1.30 xerces-j 2.9.1

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1.33 sysv-init 2.86-1

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* A rewrite of the original Debian's start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
*
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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1.34 openssh 7.5-p1

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 *
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 *
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1.39 snmp-4j 1.4

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* /opt/cola/permits/1103627939_1604303533.28/0/snmp4j-agent-1-4-jar/META-INF/maven/org.snmp4j/snmp4j-agent/pom.xml

1.40 u-boot 2014.07

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1.42 zlib 1.2.3

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1.44 openssl 1.0.2o

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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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```
/* nicstar.c  v0.22  Jawaid Bazyar (bazyar@hypermall.com)
* nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
*
* Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
*  http://www.hypermall.com/
* 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
* interrupts us (except possibly for removal/insertion of the cable?)
* 10/4/97 - began heavy inline documentation of the code. Corrected typos
* and spelling mistakes.
* 10/5/97 - added code to handle PHY interrupts, disable PHY on
* loss of link, and correctly re-enable PHY when link is
* re-established. (put back CFG_PHYIE)
*
*   Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
```

```
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
*   IDT always receives data into a small buffer, then large buffers
*     as needed. This means that data must always be copied to create
*     the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
*     Fix is simple: make large buffers large enough to hold entire
*     SDU, and leave <small_buffer_data> bytes empty at the start. Then
*     copy small buffer contents to head of large buffer.
*   Trick is to avoid fragmenting Linux, due to need for a lot of large
*     buffers. This is done by 2 things:
*       1) skb->destructor / skb->atm.recycle_buffer
*            combined, allow nicstar_free_rx_skb to be called to
*            recycle large data buffers
*       2) skb_clone of received buffers
*   See nicstar_free_rx_skb and linearize_buffer for implementation
*     details.
*
*
*
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*
* M. Welsh, 6 July 1996
*
*
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QLogic Linux Networking HBA Driver

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for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>
for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login procedure and CyberLogin is no longer used.)

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